





EUROPEAN DX - CONTEST



WORKED ALL GERMANY CONTEST



Tonno, ES5TV, Continental Winner Europe Single OP SSB



Steve, ZC4LI, Continental Winner Asia Single OP CW

DARC Comittee for DX and HF-Contesting



Compiled by DL2YOU



Worked All Europe DX-Contest (WAEDC)

The Deutscher Amateur Radio Club (DARC) invites radio amateurs worldwide to participate in the annual WAE DX-Contest. Helmut Müller, DF7ZS

1 Times:

CW: August, second full weekend

Saturday, August 11, 2007, 0000 UTC until Sunday, August 12, 2007, 2359 UTC SSB: September, second full weekend Saturday, September 08, 2007, 0000 UTC until Sunday, September 09, 2007, 2359 UTC RTTY: November, second full weekend Saturday, November 10, 2007, 0000 UTC until Sunday, November 11, 2007, 2359 UTC

2 Bands: 3,5 – 7 – 14 – 21 – 28 MHz According to IARU regulations, operation is not allowed in the following contest-free

windows:

CW: 3550-3800; 14060-14350 kHz SSB: 3650-3700; 14100-14125; 14300-14350 kHz.

3 Categories:

a) Single operator, low power - max. Output 100 watts - all bands.

b) Single operator, high power – output higher than 100 watts – all bands.
c) Single operator, high power – output higher than 100 watts – all bands.
c) Only one signal permitted at any time.

c) Multi Operator - Band changes are allowed every ten minutes; this also includes QTC traffic

d) SWL, single operator Exception: working of a multiplier.

(note: this means, several signals may be on the air on different bands at the same time). d) SWL (see part 12)

The use of DX spotting nets is allowed in all categories.

4 Off Times:

Single Operator stations may only operate 36 out of the 48 hour contest period. The total of 12 hours off time may be taken in one part but not more than three parts. If operation is interrupted for more than 12 hours the three longest off time periods must be a minimum of 12 hours.

5 Exchange: A contest QSO can only be conducted between a European and a non-European station (exception: RTTY). The exchange consists of RS/RST and a progressive serial number starting with 001. If the station worked does not send a serial number, log the contact with number 000. Each station can be credited only once per band.

6 Multiplier:

For non-European stations the multiplier is the number of countries defined in the WAE Country List (see below) worked per band.

Country List (see below) worked per band. For European stations every non-European DXCC entity counts as a multiplier. Exception: In the following countries up to ten call areas count as multipliers: W, VE, VK, ZL, ZS, JA, PY and RA8/RA9 and RAØ -- without respect to the geographic location. Examples: W1, K1, KA1 and K3../1 count as W1; VE1, VO1 und VY1 count as VE1; JR4,

7M4 und 7K4 count as JA4; ZL2 and ZL6 are two different multipliers.

Multiplier bonus: Country multiplier points are "weighted" by band. Multiply the number of countries worked on 3.5 MHz by four, on 7 MHz by three, and on 14/21/28 MHz by two. The total multiplier is the sum of the weighted multiplier points of all bands.

7 QTC Traffic:

Additional points can be achieved by QTCs. A QTC is the report of a contest QSO back to a European station (exception: RTTY, see part 13).

The following rules apply:

a) A QTC contains time, call sign and serial number of the reported QSO. Example: "1307/DA1AA/431" means that DA1AA was worked at 1307 UTC and sent serial number 431.

b) Each QSO may only be reported once as a QTC. The QTC may not be reported back to the original station.

c) Every QTC that was correctly transferred, counts one point for the sender and one point for the receiver.

d) Two stations may exchange up to 10 QTCs maximum. The two stations may establish

 e) QTCs are transferred by means of QTC series. A QTC series is a block of one (minimum) to ten (maximum) QTCs. QTC series are numbered using the following scheme: The first figure is the progressive serial number starting with one; the second figure denotes the number of QTCs in the series. Example: "QTC 3/7" means this is the third QTC series transmitted by this station and it contains seven QTCs.

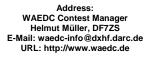
f) For every QTC series that is transmitted or received, the QTC number, time and frequency band of the QTC transmission must be logged. If any of this data is missing from your log, no credit will be given for this QTC series.

8 Scorina:

The final score is the result of total QSOs plus QTCs on all bands multiplied by the sum of all multipliers weighted by the band bonus factor (see part 6).

9 Disgualification:

Violation of the rules of the contest or unsportsmanlike conduct will be deemed sufficient cause for disqualification.



NEW! 10 Logs:

Logs need to be sent in STF or Cabrillo-Format to the following E-Mail-Address: WAECW: waecw@dxhf.darc.de WAESSB waessb@dxhf.darc.de WAERTTY: <u>waerty@dxhf.darc.de</u> Be sure to put the station callsign in the subject of each message.

By submitting an electronic log, the participant claims to fully accept the rules of the contest. A written declaration is not necessary.

Hand-written logs:

Use a proper logging program or LM from DL8WAA to enter your data.

See Link: http://lm4.de/e/home.htm

If you do not have a computer, please ask a friend or families member to import the log.

11 Club Competition:

The club score is calculated by adding the final results of all participating club members in all three WAE contests, excluding SWLs. The club name has to be indicated on the log to be counted club must not be an official national amateur radio club. Participating club members must live within an area of a circle with a maximum of 500 km (312 miles) diameter. For a club to be listed, a minimum of three logs must be submitted. A trophy is sponsored for the top DX (non-EU) and the top EU clubs.

12 Special Rules for SWLs:

SWLs record stations working in the WAEDC. Participation is only possible as a single operator all bands. Every call sign heard - European or non-European station - may be credited only once per band. Both call signs of a contest QSO have to be recorded. Each station that is logged including the serial number that was sent by that station, counts one point. Every complete QTC which includes all QTC series information (up to a maximum of 10 per station) also counts one point.

Multipliers are counted according to the criteria indicated in part 6, but both European and non-European multipliers are counted. A call sign can only be counted as a multiplier, if the serial number it sent was recorded. In the best case, for a completely recorded QSO, two points and two multipliers can be credited.

13 Special Rules for RTTY:

In the RTTY portion of the WAEDC there are no continental limits; everybody can work everybody. Only QTC traffic must be performed between different continents. Every station may send and receive QTCs. The sum of QTCs exchanged between two stations (sent plus received) must not exceed ten.

The European and non-European multipliers indicated in part 6 count for all stations.

14 Log Deadline:

CW: September 15; SSB: October 15; RTTY: December 15, 2007.

Criteria for WAEDC Awards and Plaques

Continental winners will receive a plaque.

Online printable certificates will be available for all entrance with the results being published.

1. for awards:

- Continental winner 1. Member of the Top-Ten/Top-Six (multi operator) list.
- 2. 3. Country winner
- Regional winner in one of the countries which count by call areas 4.
- 5. at least half of the score of the respective continental winner
- at least 100,000 points 6

2. for plaques:

- Continental winner
- 2. Stations who activate a WAE country for the WAEDC from where no log was received over the last three years will receive a special prize. For 2007 these are:
- 1AØ, 3A, 4O, 4U1V, HV, JX, OJØ, OY, R1F, SV/A,, T7. Stations who have been into the Top-Ten/Top-Six list for at least five times 3. can apply for a special plaque.
- 4. The WAEDC committee reserves the right to honour special contest activities with additional plaques.

WAE Country List: 1AØ - 3A - 4O - 4U1I - 4U1V - 9A - 9H - C3 - CT - CU - DL -EA - EA6 - EI - ER - ES - EU - F - G - GD - GI - GJ - GM - GM/S - GU - GW -HA - HB - HBØ - HV - I - IS - IT - JW - JW/b - JX - LA - LX - LY - LZ - OE -OH - OHØ - OJØ - OK - OM - ON - OY - OZ - PA - R1F - R1M - RA - RA2 -S5 – SM – SP – SV - SV/A - SV5 - SV9 - T7 - T9 - TA1 – TF – TK – UR – YL – YO – YU - Z3 - ZA -ZB.

The 52nd edition of the Worked all European DX-Contest is history.

The conditions went up and down but the QTC traffic kept everyone alive.

The participation of the stations was nearly the same like in previous years. In SSB the participation increased something, while it is a little declining in CW.

2 new world records and 6 continental records were broken in this years WAEDC. Three rare European WAE countries were put on the air this year and three stations have been awarded Hero of the WAEDC 2006.

Thank you Ben!

Ben Buettner, DL6RAI, did a wonderful job promoting and managing the WAEDC contest for five years. He developed a very sophisticated software for the complicated cross-checking of the log files and the QTC's. He also formed an extremely helpful and dedicated team around him, sharing the workload evoked by that wonderful contest. This is only possible if you know how to motivate and guide people to take on big tasks for nothing else but joy and pride. Everybody knows Ben as a fine gentleman and top contester. It is a pity that we lost him managing the WAEDC, but after five very successful years I think it is allowed to focus on new projects and give up some of the very time consuming tasks. Ben promised me to help out with his expertise at any time when needed and also help keeping the crosscheck software alive. I just learned that he became president of the verv successful Bavarian Contest Club in Germany. I want to take this opportunity to thank him in the name of many contesters for his dedication and the great job he has done. I also wish him the best of luck for his new challenge on the front seat of the BCC. Thanks Ben!

The new contest manager is Helmut Mueller, DF7ZS. We wish him a good and successful start. In the following story, he appreciates his predecessor:

Learning under fire – the new WAEDC trainee:

In October 2006 I learned from various discussions on the BCC contest reflector that the WAEDC needs a new manager. I think the WAEDC is one of the most sophisticated contests throughout the year and I could not believe that nobody took care of it. I never thought about taking on this huge task, but I also felt that somebody got to do it. The three 2006 contests were done and logs, paper logs, questions and all kinds of requests were already hitting the empty virtual WAEDC office. I spoke to Ben and after his estimation of time needed for this task, my immediate answer was NO WAY! I did not have enough free time on my hands to take over another 200 hours per year of voluntary work.

It still bugged me and I wanted to find a solution. After I talked to existing team members, potential new team members and Ben a few times, we came up with an approach how to cut the time and get the job done.

Unfortunately there was no time to prepare. 738 CW, 638 SSB and 656 RTTY logs needed attention and we were already behind the claimed scores deadline for CW. It was really a learning under fire experience for me. I had so many stupid questions to ask and mistakes to make. I was very lucky with the great support of Michael, DL6MHW, and Julian, DL6OCK, who did not get tired answering my questions and fixing the bugs I created. At the same time they implemented some new developments such as a log robot, a proper user interface (for me) and the online certificates. In the background loads of people I have never met before were typing in paper logs and converted good and broken Cabrillo files to the STF format we needed. Richard, DL2LAR, must have converted almost 2000 logs all on his own. Another live saver was Joerg, DL8WPX, who had lots of experience with the actual checking process. He worked from Iran, Indonesia and Germany remotely over the internet and made the complete cross-checking of all three WAEDC contests on his own!

Without the dedication and the "let's get the job done" attitude of these people you would not be able to look at these WAEDC results now. Make sure (whenever you hear one of these callsigns on the air) to give them some points for the contest!

WAEDC Contest Team:

DK9TN, DJ1YFK, DL1MGB, DL2LAR, DL2YOU, DL6MHW, DL6OCK, DL8MBS, DL8WPX, DL8WX, DL9ZWG

My big thanks to all of you!

73sss Helmut Mueller (WAEDC trainee)

WAEDC Heros 2006

CW: SSB:	none
4U1ITU	(K1ZZ)
GD6IA	(DL1FON, DL1ECG)
RTTY:	(,,,
ZA/DL2RMC	(DL2RMC)

Result Magazine

Over the past years we tried to improve this magazine to meet your requirements. Many improvements were incorporated this year and we hope to satisfy you with more stories, more pictures and even more statistics. Thanks to all operators for their support and also for their stories.

YOUR STORIES

In this "column" you can read the personal WAEDC story of many ham operators. For the next magazine you can send us your own story preferably with a nice photo. After your participation send it to: waedc-info@dxhf.darc.de

Lionel, F6DRP, operates WAEDC since 1980

I am operating - F6DRP - single operator since 1975: My participation in WAEDC contests: WAEDC: 1980 = 960 pts; 1981 = 1.656 pts; 1990 = 53.728 pts; 1991 = 5.166 pts; 1992 = 3.206 pts; 2006 = 20.090 pts; My station F6DRP = TS 520 KENWOOD HF, FT 900 YAESU HF. FT 736 R YAESU V/UHF and other transportables. POWER = 100 W. ANTENNAS = BFR 23 2 EL. 3 bands HF, YA 30 All bands HF, ZEPPELIN OM 41 Mr. 40 and 80 Mr., 2 X 9 él. 144 MHZ, 1 X 17 él. 432 MHZ, colineaire vertical V/UHF, on pylon DOK 15 Geographical Meters. situation: IN96PO Altitude: 195 Meters above sea level. Hoping to have brought some facts to you which could interest you. Thanks and 73s LIONEL, F6DRP



Lionel, F6DRP, in his shack

WAEDC enjoy it - by LA2OKA

This is the second time I am in the WAEDC contest and I really like this contest. I just go for it. For me the ham operation is a hobby and in some eastern countries they call it sport. I love sports so I just go radio when I have a chance to do it.

WAEDC is a very fine contest and there is not so many five over five. So I take a good relax and really enjoy this. I really hope many more will participate in this contest. It's really fun. Maybe we say hello to each other in 2007. 73 de LA2OKA, Lars Hedemark.



4-element Boom Quad from OK2FD

WAEDC # 1 in Argentina LU7HN

In WAEDC CW Contest 2006, Rene Giorda occupied the first Place in Argentina, #19 in the World Outside Europe and #1 in SA.



Rene Giorda, LU7HN, in his shack



Paddle of OE4VIE used in WAE CW

WAEDC – a nice contest LX2A/LX7I

The WAE is always a nice contest and after the terrible conditions last year I was happy to make more QSOs this year. My SO2R Equipment performed not as good as it should and I already made some changes to it. The antennas on the QTH are changing a lot and will be improved next year. My equipment was : IC-756 PRO 3 and Emtron DX-2 IC-756 and Ameritron AL-1200 DX-Doubler for SO2R (now I use the MK2R+)



Antennas by LX2A/LX7I 80m: 4 Square and Loop 40M 2el @29m 20M 4el @26m /FBDO-505 @19m 15M 5el @22m /FBDO-505 @19m 10M 4el @14m /FBDO-505 @19m I was not active during the full 36 hours as some friends visited me. WAE is always a nice Contest with the QTCs and the use of a DX-cluster. There are some pictures of the station on my new website www.lx2a.com I also changed my call LX2AJ in LX2A.

I am member of the WWYC with 25 years and still a very young inexperienced contester. I am also member of the RRDXA. I look forward to the next year hopefully with a better result and also improved setup. 73s de Philippe, LX2A/LX7I

Worst WAE SSB Contest VE3XD

Unfortunately this was my second worst WAE SSB contest in the past 5 years. The bands just did not cooperate with my low power station. Only 20 meters offered good conditions with 350 out of 405 total contacts and virtually all of the QTCs on this band. A few other contacts on 15 and 40 helped a little. But as usual I had a good time working the EU stations and hope that next year will

arrive with better propagation. Yaesu Mark V, Cushcraft X7 Yagi, Alpha-Delta DX/DD for 40 and 80, Writelog. 73, Don, VE3XD.



selfmade antenna tuner from JA7IC

WAE - an interesting contest UT4EK

My name is Olexander M. Senchurov, "Alex". I am 51 years old and HAM licensed since 1983. Here is a photo of my shack, antenna and PA. This photo I prepared for my special event call EO15EK, which I used from DEC 15-25,2006. In WAEDC SSB I worked as Single op. Because of my work, I had not enough time for a good result. But it was a very interesting contest for me. Many thanks. 73! UT4EK, Alex.



Alex, UT4EK / EO15EK

Nice DX – Contacts OK1WCF

I was operating as Single Op. Low Power category and you can look for my results in final results of contest. 1st place in OK and 3rd place in Europe. So I am very happy with this result especially 3rd place in Europe is very nice result for me, because I am a novice on HF bands and this was my first WAE contest in my HAMRADIO life,hi.

My station details:

TRX: IC-746PRO (IC-706 if any problem with 746PRO) ANT: 3el. Tribander for 10/15/20m, INV VEE for 80m/40m and wire vertical for 80m. Power: 100 watts

Very hard work on 80m, but its usual when you work SSB on 80m :(

No openings on 10m and a few good periods on 15m. For sure the best band was 20m, long long opening and nice propagation especially to North America. I heard many US stations on the band after a few minutes I tried to call CQ, but it's very hard to find a clear frequency and KEEP this frequency with 100W :(

But I was very surprised...... Big pileups from N.A. coming a few times..... Many stations gave me a serial number below 010 and for a few stations I was first contact (QSO nr 001) in contest.

At the end of contest I was very happy to work a few new DXCC countries for me and many other nice DX contacts. Hope to CU AGN in WAE SSB 2007. Best regards, Martin, OK1WCF.



2-element-40m Beam from LU7HN

First WAEDC – LU5FF

I am very happy for the result. I carry out competitions for 15 years and it is my first WAE in SSB, I am 31 years old and the truth that I had a good time

The station is a Kenwood TS 850, 100w and Yagi antenna of 4 elements. A hug for all.

Javier Pons Estel, LU5FF.

WAEDC with Hagenuk – DK1GO

The former Hagenuk shipboard transmitter was doing a good job, only frequency change was a bit uncomfortable, as the TX frequency had to be entered manually. Station operators were: Thomas, DK1GO, and Ingo, DK1MFI.



The station used by DK1GO

How to log QTC's - VE6CNU

First, let me say that I am fairly new to contesting, having been at it now for not quite 2 years. This was my first WAE SSB contest – and to be honest, I didn't know it was on until I heard stations calling "CQ WAE Contest". I then quickly consulted the internet and read up on it. The part about the QTCs intrigued me, especially since getting a high number of European QSOs from Alberta, Canada is often difficult and certainly much harder than working them from eastern Canada. With the QTCs, I figured I could increase my score considerably – provided I could figure out how to do it! Running N1MM Logger as my contesting software, I found a specific help page all about QTCs but still had trouble understanding how to log them. I must have asked a dozen other operators, of which over half were running N1MM, and every single one said they couldn't figure it out either. Finally, in the last half hour of



The old DL1FK Beam worked on WAEDC CW by HA1ZN

the contest for me (before 20m died here), I figured out how to log the QTCs and virtually doubled my score! This allowed me to obtain over 8,000 points with only 65 QSOs – good enough for #1 in VE6 and #11 in Canada (working only 4.5 hours). More importantly, it was a lot of fun doing the QTCs, which reminded me of handling emergency traffic in a drill.

My shack contains a Yaesu FT-1000MP running 100 Watts to a TH6 six element Yagi at 13m. I also have an inverted vee for 40/80m and a shunt-fed tower for 80m. I actually did manage 3 QSOs to Europe on 40m, during the contest – which is pretty good from here. I'm looking forward to better conditions as the sunspots build up again in the next cycle and getting a much better path into Europe for the next WAE contest. And being able to download the certificates right off the web was a real treat!

I hope the other contesting organizations do the same. This would alleviate years of backlog for some of them. My only suggestion would be for some way to try to make the contest a little more even, as certain parts of the world have much better paths into Europe than others. No doubt the organizers are working on this, as they seem to be a very creative and innovative bunch! Jerry, VE6CNU

WAEDC by PA1TT

Dear WAEDC contest friends: I enjoyed the WAE very much, every time it is begging for the QTC's and some guys just want to keep them, because they have good propagation, and then later find out they still have too much left. The 2006 WAEDC contest was one with quite strange propagation.



Jan Stademann, PA1TT

I even was able to work long path on 15m with James, 9V1YC and get his QTC's. I can imagine some people were not happy with that because they needed James as a new multi, but James has also the right to give his QTC's away. Some people do a great job and had patience with my (not very fast) type writing. Hope to see you all next year again, good contesting. Jan de:

Papa Alpha 1 Tangooo Tangooo

Computer Problems – EA1CS



Luis, EA1CS in his shack

I have many problems with my computer, and I don't have much time. I worked only 30 qso's because my computer was+ crazy hi hi. I have 28 countries, and a few QTC's.

Special Story by K6CSL

I live in the small town of Riverbank, CA, USA, 5 miles North East of Modesto,CA I am age 66, I am retired on disability from a 30 year career as a Psychiatric Nurse. I worked as a Crisis Counsellor in the Central Oakland Community Mental Health Center in Oakland, CA.

I became ill with lung disease in 1998. I'm on Oxygen 24 hours a day, but try to keep as active as I can. Prior to attending Nursing School in 1970 I served in the U.S. Navy for 4 years and then worked a number of jobs mostly doing Radio Broadcast Engineering.

I was raised in Phoenix, AZ from age 6-14 by my grand-parents after I lost both of my parents in WW2. I have been an amateur radio operator since age 9, first licensed in 1949. I was very fortunate that I had an uncle who was a ham and a very famous ham, Barry Goldwater, K7UGA, who later became a United States Senator from Arizona, and who happened to at that time serving in the Arizona State Legislature was the Boy Scout Master at my school. He helped me get started in amateur radio.

My present station is very small and limited. It consists of an ICOM IC-707 and IC-730 transceivers. I have 3 rather unique and unusual antennas. I live in a mobile home park that allows me to have amateur radio, but does not allow me to have a "visible" antenna. So I designed a Dimond shaped Delta Loop antenna that is 4.27 Meters high, the height of the back wall of the mobile home, and 8.23 Meters wide, the width of the mobile home at the eaves. The loop is radially mounted with TV feedline standoffs and is fed at the bottom center with RG58X coaxial cable. It is tuned with an MFJ-949E antenna tuner and is used on all bands. It does a really amazing job into Europe. I also use an indoor Coaxial Dipole, 13,7 Meters long that is mounted along the center ceiling beam of the mobile home. My third antenna is a 3.7 Meter square horizontal loop that is mounted around the top of the walls of the radio room. It is fed with RG58X coax at its South West corner and favours the south Pacific and Asia. I have always loved contesting. I only operate Single Operator, and my station is limited to no more than 100 Watts because of my proximity to nearby neighbours. I have managed so far not to have any RFI complaints from neighbours.

The mobile home park I live in is the only one of over 100 parks in Stanislaus County that will allow amateur radio, because of problems in the past that have come mostly from errant Class D Citizens Band users who have often caused problems using illegal amplifiers. I have belonged to the Northern California Contest Club since 1978. From time to time I used to guest operate from W6OWQ in Belmont, CA, near San Francisco until Bill Jackson, its owner moved from the area. He is now SK. I also used to operate contests from the Oakland Radio Club station at the Oakland Red Cross building, W6OT, until that club disbanded in 1989.

Since my retirement I now have more time for radio, so I am appearing in more contests. The contests I regularly operate are the ARRL and CQ Magazine annual contests, and those sponsored by the National Contest Journal and of course the California QSO Party, which is sponsored by NCCC. I have entered the WAE contest the last couple of years for the challenge of trying that contest with my limited station.

My favourite mode is CW. I use an MFJ Grandmaster Memory keyer for some of the work and only this last year, with the help of my XYL's brother K7CRS, who lives in Wisconsin, I obtained a Laptop computer and have began using a computer logging program. I'm looking forward to this years WAE CW contest. You might be interested that several times now, since moving here to the San Joaquin Valley in 1999, I have achieved 1st Place, Low Power in the ARRL San Joaquin Section in ARRL DX CW, IARU Radio Sport (in which I operated CW only) and in last years ARRL 10 Meter Contest. 73's Bert H. Cook, K6CSL.



Luciano Scandelari, PY5KD, operating from PY5EG (Mr Oms)

J43J worked from Peloponnes, SV



Peloponnes, Greece, QTH of J43J

In the background you see the island IOTA EU 158. DJ5JH, and SV0XAO worked with IC-751-A and SB-220. Antenna. 3-element beam and Double-Inverted-V for 80 and 40m.

No QTC in WAEDC – XE1L



Operating station of Luis, XE1L

It was only me (one operator) in the contest and I used a very old and battered Kenwood TS-440 S.

My antenna is a tri-band yagi TH7DX from Hy-Gain which was set up in 1985. I usually go with the rig's power output around 75 to 90 watts input. The only disadvantage with the WAEDC Contest is that I do NOT have the QTCs in my logging program and those are made manually. I developed for that special feature a QTC File program on Microsoft Excel which I fill up after the contest. I know it is a time consuming task, but if you would come out with a program that will log and make an MSDOS Program with the special logging space for the QTCs it will be greatfully appreciated. By the way I am 62 years old now and I have been contesting the WAEDC for many years, I think for more than 6 years now. 73 & DX de: XE1L, Luis Chartarifsky

Problems with software, TI2KAC



WAEDC QTH TI2KAC

I prepared my station two days before the contest, the radio, connections and the log. Starting the contest on time and running very nice, I was working nice pile-ups and the people asked for QTCs and I said not at this moment. but my logistic is more stations worked and after send QTC, when I try to send my first QTC, incredible I don't know how. Because last year I worked with other log and now is terrible don't send atc...in the night I study the log and know how send the gtc and anybody liked send my qtc...I have 34 qtc to send and no people liked say no problem I end my contest with all the qtc.... The second day the propagation covers the price for not working the qtc the first day and the bad propagation came and very few people worked...sorry.

My transmitter is Kenwood TS-2000, amplifier Alpha 91-B and my antenna is TH6 Dxx Hi Gain tribander at 22 meters hi. For low bands is twin slooper from alpha delta 40, 80 and 160 at 18 meters. This Contest WAEDC is the most interesting contest I worked because the traffic of QTC is very nice and move more information in the contest, is more satisfactory than others for more data.

Thanks and see you in next Contest (Obviously more prepared with the log..Hi hi hi).Carlos, Ti2KAC

Z37M – WAEDC RTTY Enthusiast

As a big RTTY and contest enthusiast, we are every year participating in most popular RTTY. One of the most interesting of all of these contests for us is WAEDC. Why WAEDC? Because of the exchanged QTC's which make this contest to be more attractive, more hunting during in, and of course more exiting. Last few years we are permanently in this contest and always ranking in 5 top stations in Multi single category.



Z36W & Z31MM (Z37M Team)

So the target this year was to continue with this success. In comparison the conditions between last year and this year we didn't expect some miracle because they were very bad now and maybe worse than last year. Anyhow our goal was to make a result like last year (2005). Also this year we planned to have biggest attention on collecting QTC's and hunting multipliers. We started the contest on the low bands and condx were not too bad, After first 12 hours we made 540 gso or 100 more than last year for the same time. After 24 hours 1050 qso's or 200 more than last year, but also there were much more qtc's and multipliers too. In the end we finished with 1560 gso, 100 less than last year but almost 200 qtc and 80 multipliers more than last year and finally last year we had claimed 1.6 mil points and this year claimed were 2 mil. points which is our best score ever in WAE RTTY contest. Most important thing this year was that, that Murphy wasn't with us HI. Except maybe on Sunday morning when we had 50 min. electricity off. Anyhow nice fun again!



TH6DX Beam - Z37M Team

Equipment we used was:

FT 1000 mp and FT 920, ETO 91b amplifier and SB-220. Antennas: TH6DX for high bands and Delta loops for low bands. Software we used was WRITELOG 10.54 ver. Operators were Z31GX, Z31MM, Z35T and Z36W. Thanks WAEDC for the very nice contest and we wish you to continue with this fine Contest in the future.

73 from Macedonia! Z37M-Team

Coming up - WAEDC 2007

Spotlight on the US call areas

Working as the new WAEDC manager for a couple of months now, the vast majority of emails I got was really positive. There seems to be only one thing that keeps popping up every now and then from US stations: The call areas.

Apparently we did not make a very good job in 2006 taking care of the call areas especially in the US. In theory there can be a W6ABC entering a log into WAEDC but in fact operating from W2 land or vice versa. That screws up the whole call area idea. There are significant differences of how easy or difficult it is to work into Europe depending of where in the US you are located. Would it be fun "winning" call area six if you are actually located in area two? Of course we can not manually keep track of who is where in the US. This way it would also not be very transparent in the result lists at all. On the other hand we know that long winded callsigns are a pain too nobody likes to operate W6ABC/2. This creates all kinds of possible errors.

Here is our approach for 2007 to get this right:

You work the contest with your normal callsign. Same way you would normally do.

Enter your callsign into the Cabrillo file like: CALLSIGN: W6ABC/2

Of course this effects only stations that work from other call areas than their callsign would suggest. There is no need for W6ABC/6 if you worked from the Call area 6.

RK3MWD - ignored the QTC's



Members of RK3MWD - Team

RK3MWD is the leading club station of Yaroslavl region.

Its call sign is well known by hams from Russia and other countries. We did try to participate in WAEDC first time few years ago. The contest rules seemed to be too complex and we ignored the QTC reception deciding to limit ourselves with highest possible number of QSOs. However when the result had been analysed, we understood clearly without receiving messages from correspondents (QTC) participation will be unsuccessful. In 2006 we've already got suitable software and fully equipped station. We have decided to use shift tactics. Team operators had been determined, we split into pairs and divided time so that everyone could express himself in full. It is true that among the many amateur bands an operator prefers to use just few of them. RK3MWD operators in WAEDC 2006 were: RA3MF, RU3MI, RV3MI, RW3MR, UA3MQH.

Total technical support had been provided by RX3MA, UA3MEJ and UA3MMM (as usual). We used the following equipment:

Antennas: Inverted Vee - 80 m, Quad's - 40-20-15-10 m, GP 40 m. Transceiver: Kenwood TS-850S Amplifier: ex-Military (R-140 with home-made tuning) - GU43B tube Computer: Intel Celeron 1700 MHz + AATest RC7 software



Antennas of RK3MWD-Team

WAEDC contest did impress us by its dynamic, live beat and we even didn't realize that the contest finished – time had gone very quickly. Immediately after WAEDC contest finished, we had got feelings that the result should be good enough. However we couldn't realize that we are first in our country and on 14th place in Europe.

That result is very good for us. Such achievement gives us energy and desire to try to achieve even better results in future WAEDC.

Amazing Contest rules, fair and quick judging created one of the best radio amateur competitions. We are very appreciating event's creators and supporters hard work as well as all our correspondents. See you in WAEDC 2007! 73! de RK3MWD Team Special thank's to VK5MAV for translation of this story.

Statistics

A total of 1,977 logs were received in WAEDC 2006 (2005: 2,012).

In total 731 logs were received for the CW portion (782 in 2005), 617 for SSB (536) and 629 for RTTY (694).

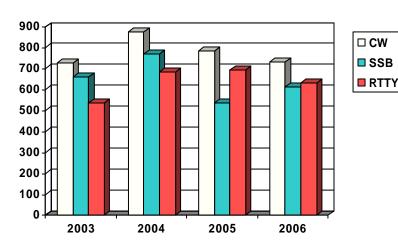
Note that the number in CW is declining while the participation in SSB and RTTY is rising. 131 paper logs arrived and were typed into the computer. Special thanks to everybody involved for his help.

Received logs since 1999:

Year	CW	SSB	RTTY	Total	QSO's
1999	598	594	225	1417	442,505
2000	473	545	267	1285	381,766
2001	671	619	287	1577	527,231
2002	652	662	324	1638	540,785
2003	728	660	537	1925	537,051
2004	875	771	638	2284	638,386
2005	782	536	694	2012	489,514
2006	731	617	629	1977	514,868

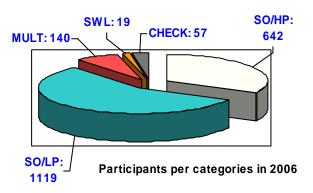
Note that the nuber of received logs is declining while the QSO rate is rising.

Received logs by category since 2003



Participants per categories in 2006

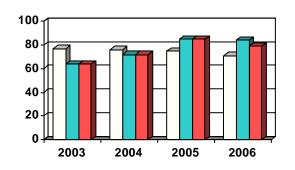
КАТ	CW	SSB	RTTY	Total
SOHP	270	194	178	642
SOLP	383	335	401	1119
MULT	59	58	23	140
SWL	8	9	2	19
снк	11	21	25	57
SUM	731	617	629	1977



Activated countries since 1999

Year	cw	SSB	RTTY
1999	70	72	56
2000	67	72	58
2001	71	79	56
2002	73	84	64
2003	77	64	64
2004	76	72	72
2005	75	85	85
2006	71	84	79

Activated countries by category since 2003



In 2006 it was really a fair play WAEDC Contest, there were no disqualifications.

Some more facts

The results 2006 were published on time! The certificates were published online together with the results. The plaques and trophies will be sent by post. Special thanks to DL6MHW and DL6OCK for programming the robot.

SSB

RTTY



52nd European DX-Contest (WAEDC) CW 2006 Results by Helmut Müller, DF7ZS (df7zs@dxhf.darc.de) WAE-DX-Contest-Team: DK9TN DJ1YFK DL1MGB DL2LAR DL2YOU DL6MHW DL6OCK DL8MBS DL8WPX DL8WX DL9ZWG

Top Scores

		Call	Score	QSC	s					QTCs	Mul	tipli	er			
		Top Ten Sir	gle Operator	80	40	20	15	10	all		80	40	20	15	10	all
		Europe			005	505	100		1140	1640	150	100	146		24	600
Continental Winne	ers	RW1AC LY2IJ	1,696,065 1,330,056	100 47	297 359	587 419	129 95	29 17	1142 937	1643 1611	152 108	183 180	146 134	94 76	34 24	609 522
Single Operator		OM2VL	1,265,575	83	278	397	146	66	970	1231	132	165	142	88	48	575
Africa	EA8MQ	OL8M S58A	1,179,500 1,176,240	78 75	309 345	407 406	136 176	40 57	970 1059	1389 1203	112 104	156 156	124 122	74 96	34 42	500 520
Asia Europe	ZC4LI RW1AC	RD3A	1,173,236	123	277	458	103	30	992	1247	128	174	124	72	26	524
North America	VY2ZM	IO3P	1,044,151	33	314	483	149	71	1050	1307	60	135	122	80	46	443
Oceania	ZL6QH	YR1Z	1,021,026	53	242	369	62	19	745	1529	92	153	118	60	26	449
South America	LU7HN	UA6LV OHØR	1,018,032 1,011,012	73 95	248 317	328 512	144 69	33 14	826 1007	1178 1069	128 120	144 159	118 130	82 60	36 18	508 487
Single Operator/LP																
Africa	CN8YR	Top Ten Sir	gle Operator													
Asia Europe	RA9DZ S57DX	Outside Eur														
North America	K1XM	ZC4LI	1,788,222	178	422	620	396	236	1852	1790	140	117	88	74	72	491
Oceania	YBØDPO	4L8A	1,735,090	200	494	646	330	99	1769	1772	140	126	90	78	56	490
South America	PS2T	UA9CLB 9K2HN	1,700,895	228 75	397 470	534 568	377 419	145 227	1681 1759	1714 1773	140 120	123 126	90 88	80 78	68 64	501 476
Multi Onemater		UA9AYA	1,681,232 1,665,360	218	379	555	228	237	1617	1623	148	126	88 90	80	70	478 514
Multi Operator Africa	_	VY2ZM	1,590,792	251	371	742	243	52	1659	1683	148	132	92	70	34	476
Asia	RK9AWN	RG9A	1,557,465	172	352	573	295	179	1571	1614	144	117	90	74	64	489
Europe	DM1A	VY2/KD4D	1,546,600	154	461	734	237	41	1627	1629	144	129	94	76	32	475
North America	KC1XX	5B/DL5XX	1,312,227	200	308	440	226	187	1361	1390	144	117	80	70	66	477
Oceania	YE1ZAT	K3CR	1,303,899	134	386	623	259	45	1447	1470	124	123	86	80	34	447
South America	LR2F															
SWL Category		Top Ten Sir Europe	gle Operator	:/LP												
Africa	-	S57DX	733,828	36	147	313	82	37	615	1301	68	111	112	58	34	383
Asia Europe	- R3A-847	LY6A	501,611	29	114	201	91	17	452	1019	44	117	98	64	18	341
North America	K3A-047	UT2UZ	372,372	29	119	196	39	7	390	819	56	114	88	40	10	308
Oceania	-	LZ9R	358,800	33	125	186	45	7	396	754	56	108	86	50	12	312
South America	-	LY6M	296,400	35 33	73 104	125 146	60 34	20 9	313 326	599 696	64 52	81 99	96 86	60 28	24 14	325 279
		UW8SM OK1HX	285,138 277,288	24	85	194	48	13	320	648	44	84	82	20 48	14	279
		DK5DQ	274,828	22	84	175	36	10	327	755	48	78	72	40	16	254
		DP3D	236,910	42	212	169	46	б	475	419	56	93	72	36	8	265
		OK1VD	229,220	34	86	174	41	8	343	442	56	90	90	46	10	292
Results by Count	rv	Top Ten Sir	gle Operator	-/T.P												
· · · · · · · · · · · · · · · · · · ·		Outside Eur		/												
Groups behind call	-	RA9DZ	667,602	95	267	426	126	25	939	963	100	105	78	52	16	351
DOK (Germany only)		PS2T	643,356	3	268	324	293	102	990	1008	8	114	80	72	48	322
score, QSOs, QTCs multiplier.	and	K1XM RX9FB	627,203	42 68	337 155	382 378	76 164	15 61	852 826	857 790	76 80	123 93	88 76	60 66	20 40	367 355
multipilei.		UA9TZ	573,680 467,376	59	269	240	78	64	710	790	72	105	72	42	30	321
The abbreviated ca	ategories	RA9FTM	464,960	53	183	339	109	40	724	729	72	96	76	46	30	320
are:		UN4L	463,670	143	315	414	171	122	1165	0	112	108	84	48	46	398
S = Single Operato L = Single Operato		E21EIC	422,820	34	199	278	123	59	693	612	56	102	72	58	36	324
M = Multi Operator		WJ9B/4 RK9AJZ	385,560 379,664	25 12	193 132	311 481	149 157	0 0	678 782	699 774	48 20	96 90	78 78	58 56	0	280 244
W = SWL Category		KK9A02	379,004	12	152	101	157	0	102	//4	20	90	78	50	0	211
A dash '-' after t	he callsign	Top Six Mul	ti Operator													
indicates that pac		Europe	_													
<pre>spotting was not u ("unassisted").</pre>	ısed	DM1A	1,735,039	107	335	563		66		1756				86	54	577
(unassisted).		HG6N HG1S	1,647,936 1,427,883	70 64	309 331	493 498		59 77		1740 1534		168 165		100 88	52 50	576 537
		DLØLA	1,374,820	71				46		1534		174		80	38	530
		UU7J	1,352,653		260		120	29		1708		153		86	34	529
		DLØXM	1,263,246	49	180	440	174	43	886	1548	100	141	148	86	44	519
		TOD Siv M-1	ti Operator.													
		Outside Eur	-													
		KC1XX	1,872,936		507		212	101		1755			100	72	48	522
		N3RD	1,614,419		573	720	205	56		1759	124		92	74	48	467
		NO2R	1,316,753		447			28		1548			88	68	30	433
		RK9AWN JA3YBK	958,020 568,182	180 75	304 272	411 431	174 65	59 0	843	1153 843	128 92		76 82	68 52	34 0	420 337
		K3DI	565,486		264		94	19	829	849		105	84	62	26	337
		_														
		Top SWL Cat Europe	egory													
		R3A-847	1,150,526	0	0	0	0	0	1553	228	0	0	0	0	0	646
		Top SWL Cat Outside Eur														

Europe					
Aland Is OHOR OHO/SM5Ad	S	1,011,012 19,250			
(SM5AJV)		78,824			
Austria					
OE1TKW	S	3,612	33	96	28
OE4VIE	L	9,702	98	0	99
Azores CU2/DL3FI	FL	330	15	0	22
Belarus					
EW8CY	S "				
EW8DX EW8WF	"	109,915 12,090	333 60	112 135	
(EW8KJ)	-	10 600	1 5 0		1.0.4
EU6AA EW4DX	L "	18,600 3,479	150 71	0	124 49
Belgium OQ5M	S	671,724	750	942	397
(ON5ZO)	L	20 212	100	0	111
OQ1C ON5WL	ц Т	20,313 19,458	141	0	138
OQ4A	"	7,840			80
(ON6ML) ONL383	W	112,890	263	92	318
Bulgaria					a -
LZ2PL LZ8A	S "	343,349	472 105	591 174	323 117
LZ3FN	"	32,643 5,358 0	97	17	47
LZ5QX	L "	5,358 0 358,800	206	0 7 E 4	0 310
LZ9R- (LZ3YY)					
LZ2UZ LZ1KP		34,416	144 124	95	$\begin{array}{c} 144 \\ 111 \end{array}$
LZIRP LZIQV	"	13,764 4,539	28		
LZ5XQ		4,539 3,431	47		
LZ1MC	"	40	5	0	8
Croatia	-	FOF 10 -			255
9A8UA (UA2FB)	S	525,624	700	752	362
9A2VN	"	912 18,590	24 130	0	38
9A3TU	L	18,590	130	0	143
			070	1200	E 0 0
OL8M		1,179,500			
OL8M OK2FD OK1JOC	S = =	1,179,500 268,392 9,920	400 72	444 52	318 80
OL8M OK2FD OK1JOC OK2SWD	S "	1,179,500 268,392 9,920 5,440	400	444	318 80 64
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH	S = = = = =	1,179,500 268,392 9,920 5,440 4,964 4,428	400 72 76 68 82	444 52 9 0	318 80 64 73 54
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX	S = = = =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288	400 72 76 68 82 364	444 52 9 0 0 648	318 80 64 73 54 274
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1VD OK2RU	S = = = = L = =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384	400 72 76 68 82 364 343 352	444 52 9 0 648 442 380	318 80 64 73 54 274 292 312
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1VD OK2RU OL0A-	S = = = L =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220	400 72 76 68 82 364 343	444 52 9 0 648 442 380	318 80 64 73 54 274 292 312
OL8M OK2FD OK1JOC OK2SWD OK2SWD OK2SWU OK1TFH OK1HX OK1VD OK1VD OK2RU OL0A- (OK1CZ)	S = = = = L = =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384	400 72 76 68 82 364 343 352 258 226	444 52 9 0 648 442 380 515 486	318 80 64 73 54 274 292 312 256
OL8M OK2FD OK1JOC OK2SWD OK2SWD OK2ABU OK1TH OK1HX OK1VD OK2RU OL0A- (OK1CZ) OK3C OK1FCA	S = = = L = = = = =	1,179,500 268,392 9,920 5,440 4,964 4,428 229,220 228,384 197,888 146,672 27,963	400 72 76 68 82 364 343 352 258 226 197	444 52 9 0 648 442 380 515 486 42	318 80 64 73 54 274 292 312 256 206 117
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1TD OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1KZ	S " " " L " " "	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672	400 72 76 68 82 364 343 352 258 226	444 52 9 0 648 442 380 515 486 42 0	318 80 64 73 54 274 292 312 256 206
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1VD OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1KZ OK1ARJ OK2PBG	S -	1,179,500 268,392 9,920 5,440 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520	400 72 76 68 82 364 343 352 258 226 197 143 100 94	444 52 9 0 648 442 380 515 486 42 0 0 0	318 80 64 73 54 274 292 312 256 206 117 101 111 80
OL8M OK2FD OK1JOC OK2SWD OK2SWD OK1TFH OK1HX OK1VD OK1FK OK1CZ) OK1CZ) OK3C OK1FCA OK1FCA OK1FA OK1ARJ OK2PBG OL6W	S = = = = L = = = = = = =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100	400 72 76 68 82 364 343 352 258 226 197 143 100	444 52 9 0 648 442 380 515 486 42 0 0	318 80 64 73 54 274 292 312 256 206 117 101 111 80
D1.8M DK2FD DK1JOC DK2SWD DK2ABU DK1TFH DK1HX DK1VD DK2RU DL0A- (OK1CZ) DK3C DK1FCA DK1FCA DK1FCA DK1FZA DK1FZA DK1FZBG DL6W (OK2FB) DK2BND	S	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929	400 72 76 68 82 364 343 352 258 226 197 143 100 94 76 77	444 52 9 0 648 442 380 515 486 42 0 0 0 55	318 80 64 73 54 274 292 312 256 206 117 101 111 80 46 77
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK2ABU OK1TFH OK1HX OK1VD OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1FCA OK1FCA OK1ARJ OK2PBG OL6W (OK2FB) OK2BND OK2EC	on	$\begin{array}{c} 1,179,500\\ 268,392\\ 9,920\\ 5,440\\ 4,964\\ 4,428\\ 277,288\\ 229,220\\ 228,384\\ 197,888\\ 146,672\\ 27,963\\ 14,443\\ 11,100\\ 7,520\\ 6,026\\ \end{array}$	400 72 76 68 82 364 343 352 258 226 197 143 100 94 76 77	444 52 9 0 648 442 380 515 486 42 0 0 0 55	318 80 64 73 54 274 292 312 256 206 117 101 111 80 46 77
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1FCA OK1FCA OK1KZ OK1ARJ OK2PBG OL6W (OK2FB) OK2BND OK2EC Denmark	S	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232	400 72 76 688 2364 343 352 258 226 197 143 100 94 76 77 314	444 52 9 0 648 442 380 515 486 42 0 0 0 55 486 42 0 0 0 142	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222
DL8M DK2FD DK1JOC DK2VD DK2ABU DK2ABU DK1TFH DK1HX DK1VD DK2RU DL0A- (OK1CZ) DK3C DK1FCA DK2FBG DL6W DC2C DK2FBG DC2C	S * * * L * * * * * * * W S L	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260	400 72 76 88 82 364 343 352 258 226 197 143 100 94 76 77 314 64	444 52 9 0 648 442 3800 515 486 42 0 0 0 55 0 142 0 0 0	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30
OL8M OK2FD OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK2RU OL0A- (OK1CZ) OK2RU OL0A- (OK1CZ) OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK2FB) OK2BND OK2EC Denmark OZ8SW OZ0F OZ1DGQ	S = = = L = = = = = = = W S	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456	400 72 76 688 2364 343 352 258 226 197 143 100 94 76 77 314	444 52 9 0 648 442 3800 515 486 42 0 0 0 55 0 142 0 0 0	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1KZ OK1ARJ OK2FBG OK1KZ OK1ARJ OK2FBG OL6W (OK2FB) OK2BND OK2EC Denmark OZ8SW OZ0F OZ1DGQ England	S = = = L = = = = = = = = W S L =	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306	400 72 766 88 82 364 343 352 258 226 197 143 100 94 76 77 314 64 42 17	444 52 9 0 648 442 3800 515 486 42 0 0 55 55 0 142 0 0 0 55 0	318 80 64 73 54 274 292 212 256 117 101 111 80 46 77 222 54 30 18
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1VD OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK2FB) OL6W (OK2FB) OK2BND OK2EC Denmark OZ8SW OZ0F OZ1DGQ England G3TXF G0MTN	S L W S L	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306	400 72 76 68 82 2364 343 352 258 226 197 74 143 100 94 76 77 314 64 42 17 301 89	444 52 9 0 648 442 380 515 486 42 0 0 0 55 0 142 0 0 0 397 101	318 80 64 73 54 274 292 256 117 101 111 80 46 77 222 54 30 18 198 98
DL8M DK2FD DK1JOC DK2SVD DK2ABU DK2ABU DK1TFH DK1HX DK1HX DK1VD DK2RU DL0A- (OK1CZ) DK3C DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK2FB) DK2BND DK2EC Denmark DZ28SW DZ0F DZ1DGQ England G3TXF G0MTN G3UFY	S L W SL	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770	400 72 766 68 82 2364 343 352 258 226 197 143 300 94 76 77 314 64 42 17 301 89 129	444 52 9 0 648 442 380 515 486 42 0 0 0 55 0 142 0 0 0 397 101 24	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30 18 89 89 90
DL8M DK2FD DK1JOC DK2SWD DK2ABU DK2ABU DK1TFH DK1HX DK1HX DK1FK DK1KZ DK1AC DK1FCA DK2FBG DL6W DC2FB DC2F DC2F DC2F DC2F DC2F DC2F DC2F DC2F	S L W S L	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306	400 72 766 68 82 2364 343 352 258 226 197 143 300 94 76 77 314 64 42 17 301 89 129	444 52 9 0 648 442 380 515 486 42 0 0 0 55 0 142 0 0 0 397 101 24	318 80 64 73 54 274 292 256 117 101 111 111 111 111 111 111 111 111
DL8M DK2FD DK1JOC DK1JOC DK2SWD DK2ABU DK1TFH DK1HX DK1VD DK2RU DL0A- (OK1CZ) DK3C DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK2PBG DL6W (OK2FB) DK2BND DK2EC Denmark DZ8SW DZ0F DZ1DGQ England G3TXF G0MTN G3UFY G4DBW G0VQR/P (G0VQR)	S	1,179,500 268,392 9,920 5,440 4,428 277,288 229,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 11,960 1,040	400 72 76 68 82 2364 343 352 258 2258 2258 226 197 743 100 94 76 77 314 42 17 301 89 229 15 40	444 52 9 0 648 442 3800 515 486 42 0 0 0 55 0 142 0 0 0 397 101 24 0 0	318 80 64 73 54 274 292 256 117 101 111 80 46 77 222 54 30 18 98 90 104 26
DL8M DK2FD DK1JOC DK1JOC DK2SWD DK2ABU DK1TFH DK1HX DK1HX DK1VD DK2RU DL0A- (OK1CZ) DK3C DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK2FB) DK2BND DK2EC DEnmark DZ2BND DZ1DGQ England G3TXF GOMTN G3UFY G4DBW G0VQR/P (G0VQR)	S W S L	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 11,960	400 72 766 68 82 2364 352 258 226 197 143 100 94 76 77 314 42 17 301 89 129 115 40 174	444 52 9 0 648 442 380 515 486 422 0 0 55 0 142 0 0 0 55 0 142 0 0 0 0 219	318 80 64 73 54 274 292 256 117 101 111 111 111 111 111 111 111 111
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK1CZ OK1CZ OK1CZ OK1CZ OK1CZ OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK2FB OCA OCA CA CA CA CA CA CA CA CA CA CA CA CA C	S"""" L""" """ W SL" S""" L	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 1,960 1,040 61,308	400 72 766 68 82 2364 343 352 258 2268 197 143 100 94 76 77 314 42 177 301 829 115 40 174 135	444 52 9 0 648 442 380 515 486 42 0 0 555 0 142 0 0 55 0 142 0 0 397 101 24 0 0 0 219 195	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30 18 898 90 104 26 156
OL8M OK2FD OK1JOC OK1JC OK2SWD OK2ABU OK1TFH OK1HX OK1VD OK2RU OL0A- (OK1CZ) OK3C OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK1FCA OK2FB(OK2FB) OK2END OK2EC Denmark OZ8SW OZ0F OZ1DGQ England G3TXF G0MTN G3UFY G4DBW G0VQR/P (G0VQR) M3CVN G3RSD G3LHJ	S	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 1,040 61,308 44,220	400 72 766 68 82 2364 343 352 258 2268 197 143 100 94 76 77 314 42 177 301 829 115 40 174 135	444 52 9 0 648 442 380 515 486 42 0 0 555 0 142 0 0 55 0 142 0 0 397 101 24 0 0 0 219 195	318 80 64 73 54 274 2922 256 206 117 101 111 80 46 77 2222 54 30 18 198 890 104 26 156 134
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK1CZ OK1CZ OK1CZ OK1CZ OK1CZ OK1CZ OK1FCA OK1KZ OK1ARJ OK2PBG OL6W (OK2FB) OK2BND OK2EC Denmark OZ8F OZ1DGQ England G3TXF G00MTN G3UFY G4DBW G0VQR/P (G0VQR) M3CVN G3RSD G31LHJ Estonia ES4MM	S""""L""""""""""""""""""""""""""""""""	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 11,960 1,040 61,308 44,220 21,240 3,339	400 72 76 68 82 2364 352 258 226 197 143 100 94 76 77 314 42 177 314 42 177 301 89 129 115 40 174 135 180	444 52 9 0 648 442 3800 515 486 42 0 0 555 0 142 0 0 142 0 0 0 557 0 142 0 0 0 557 0 142 0 0 0 557 0 142 0 0 0 0 557 0 0 0 0 0 557 0 0 0 0 0 0 0	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30 18 198 98 90 104 26 134 118 53
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK1CZ OK1CZ OK1CZ OK1CZ OK1CZ OK1CZ OK1FCA OK1KZ OK1ARJ OK2PBG OL6W (OK2FB) OK2BND OL6W (OK2FB) OK2BND OK2EC Denmark OZ8F OZ1DGQ Denmark OZ8F OZ1DGQ England G3TXF G0WTN G3UFY G4DBW G0VQR/P (G0VQR) M3CVN G3RSD G31LHJ Estonia ES4MM	S"""" L"" """" W SL" S""" L""	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 11,960 1,040 61,308 44,220 21,240 3,339	400 72 76 68 82 2364 352 258 226 197 143 100 94 76 77 314 42 177 314 42 177 301 89 129 115 40 174 135 180	444 52 9 0 648 442 3800 515 486 42 0 0 555 0 142 0 0 142 0 0 0 557 0 142 0 0 0 557 0 142 0 0 0 557 0 142 0 0 0 0 557 0 0 0 0 0 557 0 0 0 0 0 0 0	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30 18 198 98 90 104 26 134 118 53
DL8M DK2FD DK1JOC DK1JOC DK2SWD DK2ABU DK1TFH DK1HX DK1HX DK1FCA DK1CZ DK2RU DL0A- (OK1CZ) DK2FB DK2FBG DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK1FCA DK2FB) DK2EBG DC2BF DC2BSW DC2BND DX2EC Denmark DZ8SW DZ0F DZ1DGQ England G3TXF G0MTN G3TXF G0MTN G3TXF G0VQR/P (G0VQR) M3CVN G3RSD G3LHJ Estonia ES4MM ES1A European	S""""L""""""""""""L""LM ta	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 101,232 3,456 1,260 138,204 18,620 13,770 11,960 1,040 61,308 44,220 21,240 3,339 581,938 1y	400 72 76 68 82 2364 343 352 258 226 197 74 310 94 76 77 314 42 17 314 42 17 301 89 129 115 40 174 135 180 63 761	444 52 9 0 648 442 380 515 486 42 0 0 55 0 142 0 0 0 142 0 0 0 397 101 24 0 0 219 195 0 716	318 80 64 73 54 274 292 256 117 101 111 80 46 77 222 54 30 18 198 89 0 104 156 134 118 53 394
OL8M OK2FD OK1JOC OK1JOC OK2SWD OK2ABU OK1TFH OK1HX OK1HX OK2RU OL0A- (OK1CZ) OK2RU OL0A- (OK1CZ) OK2FB OL6W (OK2FB) OK2PBG OL6W (OK2FB) OK2BND OK2EC Denmark OZ30F OZ1DGQ England G3TXF G0MTN G3UFY G4DBW G0VQR/P (G0VQR) M3CVN G3RSD G3LHJ Estonia ES4MM ES1A European	S""""L""""""""""""L""LM ta	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 249,220 228,384 197,888 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 306 138,204 18,620 13,770 1,040 61,308 44,220 21,240 3,339 581,938	400 72 766 68 82 2364 343 352 258 226 197 143 100 94 76 77 314 64 42 177 314 64 42 177 15 40 174 135 180 63 761 1050	444 52 9 0 648 442 3800 515 486 42 0 0 55 0 142 0 0 0 55 0 142 0 0 0 55 0 142 0 0 0 55 5 0 142 0 0 0 55 5 15 15 15 16 142 0 0 0 0 515 16 142 10 142 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 112	318 80 64 73 54 274 292 256 206 117 101 111 80 46 77 222 54 30 18 198 90 104 26 156 134 118 53 394 443
OK3C OK1FCA OK1KZ OK1AKJ OK2PBG OL6W (OK2FB) OK2BND OK2EC Denmark OZ8SW OZ0F OZ1DGQ England G3TXF G0MTN G3UFY G4DBW G0VQR/P (G0VQR/P (G0VQR/P G3RSD G3LHJ Estonia ES1A European IO3P	S""""L""""L""""L"""L""LM ta IL"""	1,179,500 268,392 9,920 5,440 4,964 4,428 277,288 146,672 27,963 14,443 11,100 7,520 6,026 5,929 101,232 3,456 1,260 101,232 3,456 1,260 138,204 18,620 13,770 11,960 1,040 61,308 44,220 21,240 3,339 581,938 1y	400 72 76 68 82 2364 343 352 258 226 197 74 310 94 76 77 314 42 17 314 42 17 301 89 129 115 40 174 135 180 63 761	444 52 9 0 648 442 3800 515 486 42 0 0 55 0 142 0 0 0 55 0 142 0 0 0 55 0 142 0 0 0 55 5 0 142 0 0 0 55 5 15 15 15 16 142 0 0 0 0 515 16 142 10 142 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 10 112 112	318 80 64 73 54 274 292 256 117 101 111 80 46 77 222 54 30 18 198 89 0 104 156 134 118 53 394

I2WIJ I3FDZ I2AZ I2GPT IK2IKW IZ8GCB IK2IAR IK7FMQ IZ5GRS		203,840 132,408 17,250 11,557 9,135 1,564 720 266 78	304 241 125 91 87 34 18 14 6	480 260 372 216 25 115 0 127 0 105 12 34 0 40 0 19 0 13	
European RW1AC	S 1	,696,065		643 609	
RD3A (RD3AF)	" 1	,173,236	992 1	.247 524	
UA6LV	" 1 "	,018,032		178 508	
RT3T UA3QDX		369,014 108,108	366 237	836 307 309 198	
RK3ER		95,064	312	154 204	
UA6AA RV3BQ		55,986 35,112	136 151	298 129 115 132	
RK3QS	"	25,704	189	0 136	
RA1TV RA3DH		23,068 7,238	158 94	$0 146 \\ 0 77$	
UA6LAM	"	6,460	74	21 68	
RW3DY RA1QN		3,245 378	55 14	0 59 0 27	
RA3TT	"	84	7	0 12	
RZ4AG RK4HD	L "	222,893 196,560	314 256	567 253 446 280	
RW4PL	"	185,380	252	554 230	
UA1CEC UA4LU		151,011 141,180	220 208	579 189 516 195	
UA1CUR		74,649	165	282 167	
RK6ATQ UA3QG		71,940 54,315	186 174	359 132 181 153	
RA1AR/3		44,730	116	310 105	
RW3AI RW1CX		39,444 33,078	202 120	26 173 178 111	
RX3MM		30,450	174	0 175	
UA3DMO RW6AH		23,405 20,234	151 129	0 155 22 134	
RV3QX	"	15,933	123	18 113	
RA3XO UA4AGO		14,420 12,512	133 110	7 103 26 92	
RA3XEV	"	12,240	120	0 102	
RW6BN UA4AAC		11,322 11,025	111 105	0 102 0 105	
RA3UAG	"	10,269	60	103 63	
RN4AK UA30IX		9,024 8,265	96 87	0 94 0 95	
RW3VZ-		3,618	67	0 54	
RV1AT RX3VF-		3,060 2,904	51 66	0 60 0 44	
RX3VF- UA6LFQ		2,904 2,100	66 30	0 44 0 70	
RX3VF- UA6LFQ RA3FD	"	2,904 2,100 1,677	66 30 39	0 44 0 70 0 43	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM		2,904 2,100 1,677 1,064 1,056	66 30 39 38 44	$\begin{array}{ccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA		2,904 2,100 1,677 1,064	66 30 39 38	$\begin{array}{ccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW		2,904 2,100 1,677 1,064 1,056 624 380 330	66 30 39 38 44 24 20 15	$\begin{array}{cccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK		2,904 2,100 1,677 1,064 1,056 624 380 330	66 30 39 38 44 24 20	$\begin{array}{cccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep	" " " W 1	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 3 Germany	66 30 39 38 44 24 20 15 1553	$\begin{array}{cccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K	" " W 1 . of (04 S 04 "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 3 3 3 3 9 8 4,242 912,912	66 30 39 38 44 24 20 15 1553 851 959	0 44 0 70 0 43 0 28 0 24 0 26 0 19 0 22 228 646 1298 458 1017 462	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL70N D DK9PY K DL9AWI X	" " " W 1 04 S 04 " 11 "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 Germany 984,242 912,912 876,360	66 30 39 38 44 20 15 1553 851 959 803	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P	" " " W 1 . of (04 S 04 " 11 " 15 " 51 "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 300 ,150,526 300 ,150,526 300 984,242 912,912 876,360 675,500 509,220	66 30 39 38 44 20 15 1553 851 959 803 696 716	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F	" " " W 1 . off (04 S 04 S 04 S 11 " 15 " 51 " 70 "	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 50 507,500 509,220 399,051	66 30 39 38 44 20 15 1553 851 959 803 696 716 592	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$ $\begin{array}{c} 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL9AWI X DF9LJ M DL9AWI X DF9LJ M DL12W P DL2ZAE F DR1A L (DL7FER)	" " " W 1 04 S 04 " 11 " 15 " 51 " 70 " 06 "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 Germany 984,242 912,912 876,360 675,500 509,220 399,051 374,535	66 30 39 44 24 20 15 1553 851 959 803 696 716 592 729	$\begin{array}{cccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K	" " " W 1 . of (04 s 04 " 11 " 15 " 51 " 70 " 24 "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 Germany 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274	66 30 39 38 44 24 20 15 1553 851 959 803 696 716 592 729 419	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL70N D DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL6KVA	" " W 1 . of (04 S 04 " 11 " 51 " 70 " 06 " 24 " 01 "	2,904 2,100 1,677 1,064 1,056 624 330 ,150,526 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640	66 30 39 38 44 24 20 15 1553 851 959 803 696 716 729 729 419 391 245	$\begin{array}{cccccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 557 & 276 \\ 495 & 236 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 FGC. Rep DL7ON D DL9AWI X DF9LJ M DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL12XE R DL5JS R DL6KVA DJ9AO X	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 Germany 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575	66 30 39 44 24 20 15 15 53 851 959 803 696 716 592 729 419 391 245 348	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL5JS R DL6KVA DJ9AO X DJ9AO X	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 330 ,150,526 370 ,150,526 374,242 912,912 912,912 912,912 976,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686	66 30 39 38 44 24 20 15 1553 851 959 803 696 716 592 729 419 391 245 348 197 190	$\begin{array}{ccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$ $\begin{array}{ccccc} 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ \hline 599 & 293 \\ 557 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL6KVA DJ9RC E DL3AMA X DK0MN C	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 330 ,150,526 330 ,150,526 374,525 298,274 267,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706	66 30 39 38 44 24 20 15 1553 851 959 803 696 716 592 729 419 391 245 348 197	$\begin{array}{cccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 228 & 646 \\ \end{array}$ $\begin{array}{cccccccccccccccccccccccccccccccccccc$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL6KVA DJ9AO X DJ9RR E DL3AMA X DK0MN C (DK3YD) DJ60Z E	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 Germany 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912	66 30 39 8 44 24 20 155 1553 851 959 803 696 716 592 729 419 391 245 348 197 190 231 338	$\begin{array}{ccccccc} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \end{array}$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL1CW P DL2XAE F DL3WX K DL5JS R DL6KVA DJ9RC X DJ9RC X R DJ9C X DJ9RC X DJ9C X DJ	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 330 ,150,526 39 984,242 912,912 876,360 675,500 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920	66 30 39 38 44 24 20 15 1553 851 959 803 696 716 592 729 419 391 245 348 197 190 231	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 557 & 276 \\ 6495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 179 \\ 170 \\ 180 \\ 170 \\ 180 \\ 17$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL70N D DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL3XE X DJ9AO X	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 984,242 912,912 876,360 675,500 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,688 85,920 84,912 42,444 38,800	66 30 39 8 44 24 20 15 1553 851 959 803 696 716 716 716 719 803 696 716 719 245 348 197 190 231 338 149 200	0 44 0 70 0 43 0 28 0 24 0 26 0 19 0 22 228 646 1298 458 1017 462 1207 436 1054 386 760 345 760 345 765 320 599 293 557 276 6495 236 347 185 320 218 328 177 249 179 10 244 113 162 0 194	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL9AWI X DF9LJ M DL9AWI X DF9LJ M DL12WP P DL2ZAE F DR1A L (DL7FER) DL8WX K DL9AWI X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AC E DL3AMA X DK0MN C (DK3YD) DJ60Z E DP4N B (DL4NER) DJ6QT F DL8KJ O	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 39 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444	66 30 39 38 44 24 15 1553 851 959 803 6966 716 592 729 419 391 245 348 197 190 231 338 149	0 44 0 70 0 43 0 28 0 24 0 26 0 19 0 22 228 646 1298 458 1017 462 1207 436 1054 386 760 345 725 303 576 287 599 293 557 276 495 236 347 185 320 218 328 177 249 179 10 244 113 162	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL7ON D DL9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL6KVA DJ9AO X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DJ9RC F DL3KJ O DF2UU A DK5EZ R	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 39 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950	66 30 39 38 44 24 15 1553 851 959 803 6966 716 592 729 419 391 245 348 197 231 338 149 200 199 162 168	0 44 0 70 0 43 0 28 0 24 0 26 0 19 0 22 228 646 1298 458 1017 462 1207 436 1054 386 760 345 725 303 576 287 599 293 557 276 495 236 347 185 320 218 328 177 249 179 10 244 113 162 0 194 0 191 0 205 7 154	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 FGC.Rep DL7ON D DL9AWI X DF9LJ M DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL2XAE F DL3AWA X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AC E DL3AMA X DK0MN C (DK3YD) DJ6OZ E DP4N B (DL4NER) DJ6QT F DL8KJ O DF2UU A DK5EZ R DL3EBX R DJ2IA Y	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021	66 30 39 38 44 24 20 15 15 3 15 5 3 8 51 9 59 9 80 3 69 6 716 59 2 729 419 391 245 348 197 190 231 338 149 200 199 162 168 143	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 577 & 266 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 10 & 244 \\ 113 & 162 \\ 0 & 194 \\ 0 & 191 \\ 0 & 205 \\ 7 & 154 \\ 69 & 114 \\ 0 & 147 \\ \end{matrix} $	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL12W P DL2ZAE F DR1A L (DL7FER) DL8WX K DL9AWI X DJ9AO X DJ9AO X DJ9AO X DJ9RE E DL3AMA X DK0MN C (DK3YD) DJ60Z E DP4N B (DL4NER) DJ60Z F DL8KJ O DF2UU A DK5EZ R DL3EBX R DL3EBX R DJ21A Y DJ9HX P	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 37 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 268,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898	66 30 39 38 44 24 20 1553 851 959 803 696 716 5929 729 419 391 245 348 197 190 231 338 149 200 199 162 168 129	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 28 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 577 & 287 \\ 799 & 293 \\ 577 & 276 \\ 495 & 236 \\ 357 & 276 \\ 495 & 236 \\ 357 & 276 \\ 495 & 236 \\ 357 & 276 \\ 495 & 236 \\ 357 & 276 \\ 287 & 100 \\ 105 & 200 \\ 100 & 1$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K DL9AWI X DJ9AO X DJ9RR E DL3AMA X DJ9AO X DJ9RR E DL3AMA X DJ9AO X DJ9RR E DL3AMA X DK0MN C (DK3YD) DJ60Z E DP4N B (DL4NER) DJ60Z F DL8KJ O DF2UU A DK5EZ R DL3EBX R DJ2IA Y DJ9HX P	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 39 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365	66 30 39 38 44 24 20 15 15 3 15 5 3 8 51 9 59 9 80 3 69 6 716 59 2 729 419 391 245 348 197 190 231 338 149 200 199 162 168 143	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 557 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 10 & 244 \\ 113 & 162 \\ 0 & 194 \\ 0 & 191 \\ 0 & 205 \\ 7 & 154 \\ 69 & 114 \\ 0 & 147 \\ 0 & 162 \\ 0 & 101 \\ 0 & 67 \\ \end{matrix} $	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RV3DBK UA4FUW R3A-847 FGC. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL3AWA X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AC E DL3AMA X DK0MN C (DK3YD) DJ60Z E DP4N B (DL4NER) DJ6QT F DL8KJ O DF2UU A DK5EZ R DL3EX R DJ2IA Y DJ9HX P DL8UNF Y DL8UNF Y DL8UNF Y DL8HU T DL6RH U DL1HCM E	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 39 984,242 912,912 876,360 675,500 399,051 374,535 298,274 268,274 264,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365 6,325	66 30 39 8 44 24 20 15 1553 851 959 803 696 716 592 729 419 391 245 348 197 190 231 338 149 200 199 162 162 162 162 163 125 143 129 113 5 5 48	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ \hline 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 760 & 345 \\ 760 & 345 \\ 765 & 303 \\ 576 & 287 \\ 599 & 293 \\ 577 & 276 \\ 6347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 10 & 244 \\ 113 & 162 \\ 0 & 194 \\ 0 & 191 \\ 0 & 205 \\ 7 & 154 \\ 69 & 114 \\ 0 & 147 \\ 0 & 162 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ \hline \end{tabular} $	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL2ZAE F DR1A L (DL7FER) DL8WX K DL5JS R DL6KVA DJ9AO X DJ9RR E DL3RW K DL9AO X DJ9RR E DL3RW K DL9AO X DJ9RR E DL3RW C (DK3YD) DJ60Z F DL8KJ O DF2UU A DF2UU A DK5EZ R DL3EBX R DJ2IA Y DL9HX P DL8UNF Y DL8UNF Y	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 39 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365 5,035	66 30 39 38 44 24 15 1553 851 959 803 6966 592 729 419 245 348 190 231 338 149 200 199 231 338 149 200 190 192 168 125 149 162 168 125 149 35 48 35 3 48 35 3 35 36 36 36 36 36 36 36 36 36 36 36 36 36	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 577 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 10 & 244 \\ 113 & 162 \\ 0 & 194 \\ 113 & 162 \\ 101 & 205 \\ 7 & 154 \\ 69 & 114 \\ 0 & 147 \\ 0 & 162 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 & 95 \\ 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 & 95 \\ 101 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 101 \\ 0 &$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL9AWI X DF9LJ M DL1CW P DL2ZAF F DR1A L (DL7FER) DL2ZAF F DR1A L (DL7FER) DL2ZAF F DR1A L (DL7FER) DL2ZAF F DL3WX K DJ9AO X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DJ9RR E DL3AMA X DL6KVA DJ9AO X DJ9RR E DL3MA X DL0KT F DL4NER) DJ6QT F DL8KJ O DF2UU A DK5EZ R DL3EBX R DL3EX R R R R R R R R R R R R R R R R R R R	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365 6,325 5,035 4,958	66 30 39 44 24 15 1553 851 959 803 696 716 716 716 729 419 245 348 197 245 348 197 231 338 149 200 199 162 168 125 143 129 143 129 5 853	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 557 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185$	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DL9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL2ZAE F DR1A L (DL7FER) DL3V DJ9AC X DJ9AC X DJ9AC X DJ9AC F DL3AMA X DL3EX R DL3EBX R DJ2IA Y DL3EBX R DJ2IA Y DL9HX P DL8UNF Y DL3EBX R DJ2IA Y DL9HX P DL3HAC X DJ9HX P DL3HAC X DJ9HX P DL3HAC X DJ9HX P DL3HAC X DJ9AC X DJ9HX P DL3HAC X DJ9HX P DL3HAC X DJ9AX Y DL1HCM E DR5O R (DG3EX) DF5AU X DP9A Y (DK4WA)	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 330 ,150,526 374 ,535 298,274 267,360 675,500 509,220 399,051 374,535 298,274 261,648 87,4640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365 5,035 4,958 4,108	66 30 39 8 44 24 20 15 15 53 8 51 9 59 9 80 3 69 6 7 16 59 2 7 29 4 19 39 1 5 34 8 19 7 190 231 338 149 200 199 162 168 5 143 129 113 5 8 5 3 8 5 1 9 5 8 5 3 8 5 1 9 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 8 5 5 9 5 8 5 5 8 5 5 8 5 7 29 7 29 7 29 7 29 7 29 7 29 7 29 7	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 22 \\ 228 & 646 \\ \hline 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 725 & 303 \\ 577 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 328 & 177 \\ 249 & 179 \\ 10 & 244 \\ 113 & 162 \\ 0 & 191 \\ 0 & 205 \\ 7 & 154 \\ 0 & 191 \\ 0 & 205 \\ 7 & 154 \\ 69 & 114 \\ 0 & 147 \\ 0 & 162 \\ 0 & 101 \\ 0 & 67 \\ 55 \\ 0 & 95 \\ 16 & 67 \\ 14 & 52 \\ \hline $	
RX3VF- UA6LFQ RA3FD RW3TA RK6CM RU3VD RV3DBK UA4FUW R3A-847 Fed. Rep DL7ON D DK9PY K DL9AWI X DF9LJ M DL1CW P DL2ZAE F DR1A L (DL7FER) DL8WX K DL9AWI X DF9LJ M DL2ZAE F DR1A L (DL7FER) DL8WX K DL9AWI X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AO X DJ9AC E DL8WX C DL3AMA X DK0MN C (DK3YD) DJ60Z E DP4N B (DL4NER) O DF2UU A DK5EZ R DL3EBX R DL3EX R DL3	" " " " " " " " " " " " " " " " " " "	2,904 2,100 1,677 1,064 1,056 624 380 ,150,526 984,242 912,912 876,360 675,500 509,220 399,051 374,535 298,274 261,648 174,640 128,575 112,706 91,686 85,920 84,912 42,444 38,800 38,009 33,210 26,950 22,116 21,021 20,898 11,413 6,365 6,325 5,035 4,958	66 30 39 44 24 15 1553 851 959 803 696 716 716 716 729 419 245 348 197 245 348 197 231 338 149 200 199 162 168 125 143 129 143 129 5 853	$ \begin{smallmatrix} 0 & 44 \\ 0 & 70 \\ 0 & 43 \\ 0 & 26 \\ 0 & 24 \\ 0 & 26 \\ 0 & 19 \\ 0 & 22 \\ 228 & 646 \\ 1298 & 458 \\ 1017 & 462 \\ 1207 & 436 \\ 1054 & 386 \\ 760 & 345 \\ 725 & 303 \\ 576 & 287 \\ 599 & 293 \\ 557 & 276 \\ 495 & 236 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 347 & 185 \\ 347 & 185 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185 \\ 347 & 185 \\ 347 & 185 \\ 347 & 185 \\ 320 & 218 \\ 347 & 185$	

DJ3WE						
	C01	"	2,448	37	14	48
DL3DD-			2,378	41	0	58
	D 00					
DK4JT	R29		1,248	26	0	48
DF1RL	M35	"	728	26	0	28
DL1DBR	017		561	17	0	33
DK5DQ	032	L	274,828	327	755	254
DP3D		"	236,910	475	419	265
(DK3KD))					
			000 660	074	667	040
DK1QO-	Z65	"	228,663	274	667	243
dl9ABM	H07	"	207,375	256	619	237
				256	352	330
DJ3JB	M09		200,640			
DL4JU-	R09	"	196,420	305	500	244
DJ6BQ	I18		195,780	320	460	251
DL5KUD	Z89	"	167,014	232	507	226
DL9CW	S01	"	164,500	284	374	250
DL1BUG-	V19		160,537	256	433	233
dl3dth	S07	"	146,223	264	369	231
DL1DOW	S24		145,152	249	399	224
~						
DJ9MH	в10		144,145	188	447	227
DA3T	S22	"	137,608	260	408	206
(DL8DXI	.)					
			100 071	210	100	252
DD5M	C01		128,271	319	188	253
(DJ0ZY))					
DL1NEO	в05		106,496	179	333	208
	Y07		101,808	277	127	252
DL7UMK						
DD1IM-	K27	"	86,140	155	435	146
DJ7YT	M11		69,840	178	307	144
		"				
DL1ARJ	X28		64,010	203	167	173
DL1DTC	N26	"	61,063	269	0	227
DK7FP-	L05	"	52,471	156	227	137
		"		260		
DF1DX-	016		44,550		10	165
DJ10J	C25	"	44,402	149	149	149
DK1KC	B10	"	43,681	209	0	209
		"				
DL4JYT	S54		43,660	160	135	148
DJ9MT	M11	"	39,984	204	0	196
DF1IAQ		"	37,490	230	0	163
	T 1 1	"				
DL7DZ-	I11		35,775	142	123	135
DF1MM	I11	"	32,592	194	0	168
DL1EV	R04		29,106	98	199	98
DL3KWF	V11	"	27,716	166	3	164
DL3AWB	X45	"	27,060	165	0	164
DL2IAN	к23		27,040	136	72	130
dl3kwr	V11	"	26,274	151	0	174
DL1RTL	Y34	"	21,190	130	0	163
dl3zai	F58		20,634	127	54	114
DL8UGF	Y24	"	18,746	90	116	91
DK9BW-	I38		18,032	98	98	92
			17,100			
DL7RAG	U23			114	0	150
DJ80G	F62	"	14,840	102	4	140
DF1HF	E21		12,744	101	7	118
DG7RO	C06		12,600	60	108	75
DJ2YE	R09	"	11,449	107	0	107
DH5JG	L15					
			11 225		0	105
			11,235	107	0	105
DL4UCS	X04	"	11,235 8,924	107 97	0	105 92
	X04		8,924	97	0	92
DM4D	X04 Y18	"				
DM4D (DL6CT)	X04 Y18		8,924 8,448	97 96	0 0	92 88
DM4D	X04 Y18	"	8,924	97	0	92
DM4D (DL6CT) DL8WAA	X04 Y18 S41		8,924 8,448 6,800	97 96 80	0 0 0	92 88 85
DM4D (DL6CT) DL8WAA DL5KUR	x04 Y18 S41 V02		8,924 8,448 6,800 4,968	97 96 80 69	0 0 0	92 88 85 72
DM4D (DL6CT) DL8WAA	X04 Y18 S41		8,924 8,448 6,800	97 96 80	0 0 0	92 88 85
DM4D (DL6CT) DL8WAA DL5KUR DR1M	X04 Y18 S41 V02 M10		8,924 8,448 6,800 4,968	97 96 80 69	0 0 0	92 88 85 72
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD)	X04 Y18 S41 V02 M10		8,924 8,448 6,800 4,968 4,680	97 96 80 69 65	0 0 0 0	92 88 85 72 72
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY	X04 Y18 S41 V02 M10 B01		8,924 8,448 6,800 4,968 4,680 4,536	97 96 80 69 65	0 0 0 0 0 15	92 88 85 72 72 56
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD)	X04 Y18 S41 V02 M10		8,924 8,448 6,800 4,968 4,680 4,536 4,420	97 96 80 69 65	0 0 0 0	92 88 85 72 72 56 52
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY	X04 Y18 S41 V02 M10 B01		8,924 8,448 6,800 4,968 4,680 4,536	97 96 80 69 65	0 0 0 0 0 15	92 88 85 72 72 56
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA	X04 Y18 S41 V02 M10 B01 B13 M11		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032	97 96 80 69 65 66 55 56	0 0 0 0 15 30 0	92 88 85 72 72 56 52 72
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA	X04 Y18 S41 V02 M10 B01 B13 M11 Y16		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969	97 96 80 69 65 66 55 56 63	0 0 0 0 15 30 0 0	92 88 85 72 72 56 52 72 63
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1HTX	x04 y18 S41 V02 M10 B01 B13 M11 y16 W23		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400	97 96 80 69 65 55 56 63 50	0 0 0 15 30 0 0	92 88 85 72 72 56 52 72 63 68
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1HTX	x04 y18 S41 V02 M10 B01 B13 M11 y16 W23		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400	97 96 80 69 65 55 56 63 50	0 0 0 15 30 0 0	92 88 85 72 72 56 52 72 63 68
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1HTX DK2ZO	x04 y18 S41 V02 M10 B01 B13 M11 y16 W23 P05		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332	97 96 80 69 65 55 56 63 50 49	0 0 0 15 30 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DJ7GG DB7MA DL3BRA DL1HTX DK2ZO DL1SBF	x04 y18 S41 V02 M10 B01 B13 M11 y16 W23 P05 P51		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,400 3,322 3,082	97 96 80 69 65 55 56 63 50 49 67	0 0 0 15 30 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000	97 96 80 69 65 55 56 63 50 49 67 50	0 0 0 15 30 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DJ7GG DB7MA DL3BRA DL1HTX DK2ZO DL1SBF	x04 y18 S41 V02 M10 B01 B13 M11 y16 W23 P05 P51		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,400 3,322 3,082	97 96 80 69 65 55 56 63 50 49 67	0 0 0 15 30 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1BRA DL1SBF DJ6UP DL1SFF	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06 N01		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,080 2,784	97 96 80 69 65 55 56 63 50 49 67 50 58	0 0 0 15 30 0 0 0 0 0 0 0 0 0	92 88 72 72 56 52 72 63 68 68 46 60 48
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL13BF DJ6UP DL1YFF DL1YFF	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06 N01 D21		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500	97 96 80 69 65 55 56 63 50 49 67 50 58 50	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL3BF DJ6UP DL1SBF DJ6UP DL1YFG DL7VRG DL2AXA	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06 N01 D21 X24		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,082 3,082 3,082 2,784 2,500 2,784	97 96 80 69 65 55 56 63 50 49 67 50 58 50 50	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50 48
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL13FF DJ6UP DL1YFF DL1YFF	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06 N01 D21 X24		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500	97 96 80 69 65 55 56 63 50 49 67 50 58 50	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL5KG DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS-	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 G06 N01 D21 X24 E36		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,082 3,000 2,784 2,500 2,244	97 96 80 69 65 55 56 63 50 49 67 50 58 50 50 50	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50 48 44
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK12R5 DL7VRG DL2AXA DK1LR5- DL1THB	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P05 P05 P05 P05 S066 N01 D21 X24 E36 V11		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,400 2,244 2,209	97 96 80 65 55 56 63 50 49 67 50 58 50 50 51 47	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50 48 44 47
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ50G DB7MA DL3BRA DL1ATX DK12CO DL1SFF DL7VRG DL12NFF DL17VRG DL12THB DL11HB DL14AM	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 D21 X24 C606 N01 D21 X24 Y24		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,000 2,784 2,500 2,244 2,209 1,862	97 96 80 65 55 66 55 63 50 49 67 50 58 50 50 51 47 49	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 68 68 68 46 60 48 85 0 48 44 47 38
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK12R5 DL7VRG DL2AXA DK1LR5- DL1THB	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P05 P05 P05 P05 S066 N01 D21 X24 E36 V11		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,400 2,244 2,209	97 96 80 65 55 56 63 50 49 67 50 58 50 50 51 47	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 46 60 48 50 48 44 47
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL1HTX DK2ZO DL1SFF DJ6UP DL1YFF DL7VRG DL12YFF DL1YFF DL1HB DL6UAM DL6UAM	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 Q06 N01 D21 D21 D21 Z24 X24 X24 X29		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,400 2,244 2,209 1,862 1,776	97 96 80 65 55 66 55 56 63 50 49 67 58 50 50 51 49 37	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 66 60 48 50 48 44 47 38 48
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS- DL2AXA DK1LRS- DL2AXK DK1LRS-	X04 Y18 S41 V02 M10 B01 B01 B13 M11 Y16 W23 P05 P51 G066 N01 D21 X24 X29 O12		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 2,340 2,500 2,784 2,500 2,244 2,209 1,862 1,776 1,628	97 96 80 69 65 56 63 50 67 50 58 50 50 51 47 47 47 37	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 60 48 50 48 44 47 78 848 44
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL1HTX DK2ZO DL1SFF DJ6UP DL1YFF DL7VRG DL12YFF DL1YFF DL1HB DL6UAM DL6UAM	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 Q06 N01 D21 D21 D21 Z24 X24 X24 X29		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,400 2,244 2,209 1,862 1,776	97 96 80 65 55 66 55 56 63 50 49 67 58 50 50 51 49 37	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 66 60 48 50 48 44 47 38 48
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS- DL2AXA DK1LRS- DL2AXK DK1LRS-	X04 Y18 S41 V02 M10 B01 B01 B13 M11 Y16 W23 P05 P51 G066 N01 D21 X24 X29 O12		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 2,784 2,500 2,784 2,500 2,244 2,209 1,862 1,776 1,628 1,540	97 96 80 69 65 56 63 50 67 50 58 50 50 51 47 47 47 37	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 60 48 50 48 44 47 78 848 44
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL5KUR DJ5GG DB7MA DL3BRA DL3BRA DL4HTX DK12R5 DL4VRG DL2VRG DL2VRG DL2VRG DL2THB DL6UAM DL5ASK DL4AAE DL4AAE	X04 Y18 S41 V022 M10 B01 B13 M11 Y16 W23 P05 P51 S06 N01 D21 X24 F51 C06 V11 Y24 X29 O12 P51 X10		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,000 2,784 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428	97 96 80 69 65 56 63 50 49 50 58 50 50 51 47 49 37 329 34	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 56 52 72 63 68 68 68 68 46 60 48 44 47 38 44 44 35 42
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1HTX DK2ZO DL13BRA DL1HTX DK2ZO DL1YHF DL7VRG DL12KB DL12HB DL12KH DL4AAE DK4CU DL4AAE DL5KK DL5KK DL5KK	X04 Y18 S41 W10 B01 B13 W10 W23 P05 P51 G06 W01 Y24 X24 Y24 X29 P51 X10 S59		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 2,784 2,500 2,784 2,209 1,862 1,776 1,628 1,540 1,428 1,334	97 96 80 69 65 56 63 55 56 63 50 50 50 50 51 47 9 37 37 29 29	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 68 68 46 60 48 50 48 44 47 38 44 47 38 44 42 46
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL5KG DB7MA DL3BRA DL3BRA DL3BRA DL1BRF DJ6UP DL12SBF DL7VRG DL12SBF DL7VRG DL2AXA DK1LRS- DL12MA DL5ASK DK4CU DL5ASK DK4CU DL5ASK	X04 Y18 S41 V022 M10 B01 B13 M11 Y16 W23 P05 P51 S06 N01 D21 X24 F51 C06 V11 Y24 X29 O12 P51 X10		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,302 3,000 2,784 2,500 2,400 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044	97 96 80 69 65 56 63 50 49 50 58 50 50 51 47 49 37 329 34	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 66 60 48 46 60 48 44 47 38 8 44 435 42 46 36
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL5KG DB7MA DL3BRA DL3BRA DL3BRA DL1BRF DJ6UP DL12SBF DL7VRG DL12SBF DL7VRG DL2AXA DK1LRS- DL12MA DL5ASK DK4CU DL5ASK DK4CU DL5ASK	X04 Y18 S41 W10 B01 B13 W10 W23 P05 P51 G06 W01 Y24 X24 Y24 X29 P51 X10 S59		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,302 3,000 2,784 2,500 2,400 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044	97 96 80 69 65 56 63 55 56 63 50 50 50 50 51 47 9 37 37 29 29	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 68 68 46 60 48 50 48 44 47 38 44 47 38 44 42 46
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 X10 G06 N01 D21 X24 F51 X24 Y24 Y22 P51 X10 S59 Y07 D06		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,302 3,000 2,784 2,500 2,244 2,209 1,862 1,540 1,428 1,344 1,344 1,044	97 96 80 69 65 56 63 50 67 50 58 50 51 47 49 37 29 34 29 18	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 60 48 50 84 44 47 38 844 47 35 42 46 62 9
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK12C0 DL1SBF DL1VRG DL1YFF DL7VRG DL2AXA DK1LR5- DL1THB DL6UAM DL5ASK DK4CU DL4AAE DL4AAE DL4AAE DL7JSO DL7YS DL7XG	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 F051 G06 N01 D21 Y24 X29 O12 F51 X10 S59 Q02 S59 Y07 C23		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,244 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044	97 96 80 69 65 56 63 50 49 50 58 50 50 51 47 49 37 29 34 29 29 29 21 8 27	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 68 60 48 50 48 44 47 38 44 47 35 42 46 35 29 32
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 P51 X10 G06 N01 D21 X24 F51 X24 Y24 Y22 P51 X10 S59 Y07 D06		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,302 3,000 2,784 2,500 2,244 2,209 1,862 1,540 1,428 1,344 1,344 1,044	97 96 80 69 65 56 63 55 56 63 50 50 50 50 51 47 9 37 37 29 29 18 29 29 18 7 22	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 60 48 50 84 44 47 38 844 47 35 42 46 62 9
DM4D (DL6CT) DL8WAA DL5KUR (DK6HD) DL2NBY DJ50G DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL13BF DL6UAM DL17HB DL17HB DL17HB DL14AE DL4AAE DL73OM DL4ASA	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P05 F05 F05 F05 F05 F05 F05 F05 F05 F05 V01 X24 Y24 Y24 Y24 Y24 Y25 F51 Y24 Y25 F51 Y27 Z25 R02 R02 R02 R02 R02 R02 R02 R02 R02 R02		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,082 3,000 2,784 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660	97 96 80 69 65 56 63 55 56 63 50 50 50 50 51 47 9 37 37 29 29 18 29 29 18 7 22	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 46 60 48 46 60 48 44 47 738 48 44 47 38 48 44 42 36 29 230
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1BRA DL1BRA DL1SBF DJ6UP DL17VFG DL7VFG DL12XAA DK1LRS- DL17VFG DL2AXA DK1LRS- DL14AE DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DL5CK DK4CU DL7VG DL7V	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 G06 N01 D21 X24 F51 G06 N01 D21 X24 Y24 Y24 Y24 Y24 Y24 X29 O12 Y07 D063 X22 W01		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,082 2,784 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420	97 96 80 69 65 56 63 50 57 50 50 50 51 47 9 37 37 29 34 9 29 18 27 22 15	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 46 60 48 46 60 48 44 47 38 84 44 47 38 84 44 35 29 32 28
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DK4CU DL5ASK DL5ASK DL5ASK DL5ASK DL7JOM DL7YS DL1ARD DL4AAS	x04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P51 G06 N01 D21 X24 F51 C06 V11 Y24 Y24 Y24 P51 O12 P51 C12 C12 C12 C12 C12 C12 C12 C12 C12 C1		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,302 3,000 2,784 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 620 420 364	97 96 80 69 65 56 63 50 67 50 58 50 51 47 49 7 37 29 34 29 29 18 27 225 14	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 66 60 48 46 60 48 50 8 84 44 47 38 844 43 5 42 46 62 9 32 30 82 826
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL2NBY DJ5GG DB7MA DL3BRA DL1BRA DL1BRA DL1SBF DJ6UP DL17VFG DL7VFG DL12XAA DK1LRS- DL17VFG DL2AXA DK1LRS- DL14AE DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DK4CU DL5ASK DL5CK DK4CU DL7VG DL7V	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 G06 N01 D21 X24 F51 G06 N01 D21 X24 Y24 Y24 Y24 Y24 Y24 X29 O12 Y07 D063 X22 W01		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,082 2,784 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420	97 96 80 69 65 56 63 50 57 50 50 50 51 47 9 37 37 29 34 9 29 18 27 22 15	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 46 60 48 46 60 48 44 47 38 84 44 47 38 84 44 35 29 32 28
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL5NER DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK12C0 DL1SBF DL1SBF DL1VFF DL7VRG DL2AXA DK1LR5 DL1THB DL6UAM DL5AKS DK4CU DL4AAE DL5KM DG0ETE DL7JSO DL14RD DL7SS DL1ARD DL4EAX DL9ZGU	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P51 G06 N01 D21 X24 Y24 X29 D12 Y24 X10 S59 Q12 P51 X10 X24 Y24 X29 D12 X24 X29 C12 S59 V02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X23 X02 X02 X23 X02 X02 X02 X02 X02 X02 X02 X02 X02 X02		8,924 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,244 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 1,044 660 420 350	97 96 80 65 56 63 50 49 67 50 58 50 51 47 49 37 29 34 29 29 18 27 22 15 14	0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 68 60 48 50 48 50 48 44 47 38 44 47 38 44 435 42 46 329 32 30 28 22 52 52 52 52 52 52 52 52 52 52 52 52
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DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL17VG DL7YS DL1ARD DL4EAZ DL9ZWG D	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 G06 N01 Z24 F51 G060 N01 Z24 F51 Z24 F51 X10 C22 Y07 D06 X23 X59 Y07 D063 X232 W01 S52 X07 V02 V13 F51 U15 S59 Y07 D06 A24 U13 F51 U13 F51 U13 F51 U13 F51 U14 S59 V12 V12 V12 V12 V12 V12 V12 V12 V12 V12		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,082 3,000 2,784 2,500 2,400 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 1,044 660 420 364 660 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 350 324 322 322 322 322 322 324 322 322 322	97 96 80 69 65 56 63 50 50 50 51 47 50 50 51 47 37 37 29 34 29 18 27 215 14 125 14 1251 1083	0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 68 46 60 48 46 60 48 44 47 38 84 44 47 38 84 44 435 42 6 29 32 20 28 26 257 17 8 7 30 30 28 26 57 27 2 56 52 72 56 52 72 56 52 72 63 68 52 72 72 63 68 52 72 72 63 68 52 72 72 63 68 68 52 72 72 63 68 68 68 68 68 68 68 68 68 68 68 68 68
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DL5XUR DB7MA DL3BRA DL1HTX DK12C0 DL1SBF DL1SBF DL1SBF DL1YFF DL7VRG DL12XFA DL12XAS DL12HB DL6UAM DL5AK DK4CU DL4AAE DL5KM DG0ETE DL7JSOM DL4ZAS DL7JSOM DL4ZAS DL9ZVG DL4ZAS DL9ZVG DL4ZAS DL9ZVG DL8DXL3 DL9ZVG DL8DXL3 DL9ZVG DL9ZXA DL	X04 Y18 S41 V02 M10 B01 B13 M11 B13 M11 B13 P05 P51 S06 N01 D21 X24 F51 N01 D21 X24 V11 Y24 X29 O12 S59 Y07 D25 S59 Y07 D25 S59 Y07 D23 R22 W01 U13 P55 S23 V01 U13 R22 V01 S23 V01 S23 V01 S23 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 V01 S25 S2 S2 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 V01 S25 S25 S25 S25 S25 S25 S25 S25 S25 S25		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,332 3,002 2,244 2,500 2,244 2,500 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420 364 4350 324 221 32 31,735,039 1,374,820 1,263,246 737,018	97 96 80 69 65 56 63 50 50 50 50 50 50 51 49 67 50 50 50 51 49 37 37 29 29 18 27 22 15 14 12 51 108 88 820	0 0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 92\\ 88\\ 85\\ 72\\ 72\\ 72\\ 56\\ 52\\ 72\\ 63\\ 88\\ 46\\ 60\\ 48\\ 44\\ 47\\ 7\\ 8\\ 48\\ 44\\ 47\\ 7\\ 8\\ 48\\ 44\\ 47\\ 7\\ 8\\ 8\\ 44\\ 42\\ 7\\ 38\\ 48\\ 44\\ 43\\ 55\\ 77\\ 17\\ 8\\ 7\\ 3\\ 577\\ 530\\ 9\\ 409 \end{array}$
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL1BRA DL1BRA DL1BRA DL1BRA DL1VFF DL7VRG DL1VFF DL7VRG DL1VFF DL7VRG DL2AXA DK1LRS- DL1VRF DL2AXA DL4AXE DL5AKS DL4EAX DL5AKS DL1ARD DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL4AX DL9ZWG DL4AX DL	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 G06 N01 D21 X24 F51 G06 N01 D21 X24 Y24 Y29 S10 X59 Y07 D22 X23 Y07 D06 X22 X29 Y07 D06 X22 X29 Y07 D10 S59 Y07 X29 Y07 X29 Y07 X29 Y07 X29 Y07 Y16 X29 Y17 Y16 X29 Y17 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 2,784 2,500 2,400 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420 364 4350 324 221 32 21 32 21 32 32 3,735,039 1,374,820 1,735,039	97 96 80 69 65 56 63 50 50 50 50 50 51 47 9 37 37 29 32 9 29 18 22 22 15 14 12 51 1083 8860 744	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 92\\ 88\\ 85\\ 72\\ 72\\ 72\\ 63\\ 68\\ 46\\ 60\\ 48\\ 44\\ 47\\ 7\\ 8\\ 44\\ 47\\ 8\\ 44\\ 47\\ 8\\ 8\\ 44\\ 47\\ 8\\ 8\\ 44\\ 42\\ 7\\ 8\\ 8\\ 26\\ 25\\ 7\\ 17\\ 8\\ 7\\ 3\\ 577\\ 530\\ 519\\ 9\\ 424\\ \end{array}$
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL9ZWG DL4EASL DL5ASK DL9ZWG DL4SASL DL5ASK DL9ZWG DL4SASL DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P51 G060 N01 Y24 F51 G060 N01 X24 Y29 P51 X10 X29 P51 X29 V11 Y24 S59 Y07 D063 X23 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 S064 S59 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 X22 Y07 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 X22 Y07 D063 X22 X01 Y07 S59 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 Y07 S59 Y07 Y07 S59 Y07 Y07 S50 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y0		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,322 3,082 3,000 2,784 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420 364 350 324 221 32 31,735,039 1,374,820 1,263,246 737,018 811,408 494,904	97 96 80 69 65 56 63 50 50 51 47 50 50 51 47 7 93 4 937 37 29 34 929 18 27 215 14 125 14 125 14 125 14 125 14 125 14 125 14 125 14 14 27 29 15 14 125 14 125 14 125 14 14 125 14 14 125 14 14 125 14 14 125 14 14 125 15 15 14 14 125 14 14 125 15 15 15 15 15 15 15 15 15 15 15 15 15	0 0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 46 60 48 46 60 48 46 60 48 44 47 38 84 44 47 38 84 44 435 42 46 36 29 32 20 28 26 257 77 72 63 68 84 52 72 63 68 84 60 48 52 72 72 63 68 84 52 72 72 63 68 85 72 72 63 68 84 68 84 60 48 85 72 72 72 63 68 84 68 84 60 48 84 84 84 84 85 72 72 72 63 68 84 84 85 72 72 72 63 68 84 68 84 84 84 84 84 84 84 84 84 84 84 84 84
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL1BRA DL1BRA DL1BRA DL1BRA DL1VFF DL7VRG DL1VFF DL7VRG DL1VFF DL7VRG DL2AXA DK1LRS- DL1VRF DL2AXA DL4AXE DL5AKS DL4EAX DL5AKS DL1ARD DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4EAX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL9ZWG DL4AX DL4AX DL9ZWG DL4AX DL	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 G06 N01 D21 X24 F51 G06 N01 D21 X24 Y24 Y29 S10 X59 Y07 D22 X23 Y07 D06 X22 X29 Y07 D06 X22 X29 Y07 D10 S59 Y07 X29 Y07 X29 Y07 X29 Y07 X29 Y07 Y16 X29 Y17 Y16 X29 Y17 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16 Y16		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 2,784 2,500 2,400 2,244 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420 364 4350 324 221 32 21 32 21 32 32 3,735,039 1,374,820 1,735,039	97 96 80 69 65 56 63 50 50 50 50 50 51 47 9 37 37 29 32 9 29 18 22 22 15 14 12 51 1083 8860 744	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 92\\ 88\\ 85\\ 72\\ 72\\ 72\\ 63\\ 68\\ 46\\ 60\\ 48\\ 44\\ 47\\ 7\\ 8\\ 44\\ 47\\ 8\\ 44\\ 47\\ 8\\ 8\\ 44\\ 47\\ 8\\ 8\\ 44\\ 42\\ 7\\ 8\\ 8\\ 26\\ 25\\ 7\\ 17\\ 8\\ 7\\ 3\\ 577\\ 530\\ 519\\ 9\\ 424\\ \end{array}$
DM4D (DL6CT) DL8WAA DL5KUR DR1M (DK6HD) DJ5GG DB7MA DL3BRA DL3BRA DL1HTX DK2ZO DL1SBF DJ6UP DL1YFF DL7VRG DL7VRG DL2AXA DK1LRS- DL1THB DL6UAM DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL5ASK DL9ZWG DL4EASL DL5ASK DL9ZWG DL4SASL DL5ASK DL9ZWG DL4SASL DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4R DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS DL4AS DL5ASS	X04 Y18 S41 V02 M10 B01 B13 M11 Y16 W23 P51 G060 N01 Y24 F51 G060 N01 X24 Y29 P51 X10 X29 P51 X29 V11 Y24 S59 Y07 D063 X23 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 S064 S59 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 X22 X01 V10 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 X22 Y07 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 S59 Y07 D063 X22 Y07 D063 X22 X01 Y07 S59 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 D063 X22 Y07 Y07 S59 Y07 Y07 S59 Y07 Y07 S50 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y07 Y0		8,924 8,944 8,448 6,800 4,968 4,680 4,536 4,420 4,032 3,969 3,400 3,322 3,082 3,000 2,784 2,209 1,862 1,776 1,628 1,540 1,428 1,334 1,044 957 864 660 420 364 350 324 221 32 31,735,039 1,374,820 1,263,246 737,018 811,408 494,904	97 96 80 69 65 56 63 50 50 51 47 50 50 51 47 7 93 4 937 37 29 34 929 18 27 215 14 125 14 125 14 125 14 125 14 125 14 125 14 125 14 14 27 29 15 14 125 14 125 14 125 14 14 125 14 14 125 14 14 125 14 14 125 14 14 125 15 15 14 14 125 14 14 125 15 15 15 15 15 15 15 15 15 15 15 15 15	0 0 0 0 0 15 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 88 85 72 72 63 68 46 60 48 46 60 48 46 60 48 44 47 38 84 44 47 38 84 44 435 42 46 36 29 32 20 28 26 257 77 72 63 68 84 52 72 63 68 84 60 48 52 72 72 63 68 84 52 72 72 63 68 85 72 72 63 68 84 68 84 60 48 85 72 72 72 63 68 84 68 84 60 48 84 84 84 84 85 72 72 72 63 68 84 84 85 72 72 72 63 68 84 68 84 84 84 84 84 84 84 84 84 84 84 84 84

DM5EL S21 DL0QS I30 DM4G H24 DK0OD C06 DF0SX P51 DL0DC/PO04 DM5D DM3B Y14 DL4ME X30 DL1EJA L06 DK3QZ L03 DJ3HW H04 DK0C Y13 DK2R U14 DL0AD G09 DK5A X33 DL0ADSA N12 DJ2HH H04 DK4QK N12 DL0AD G09 DK5A X33 DL0ADSA N12 DJ2HH H04 DF4AJ H04 DF7AH H04 DF7AH H04 DF7AH H04 DF7AH H04 DF7AH H04 DF7AH H04	" 37 " 35 " 32 " 21 " 15 " 15 " 14 " 13 " 10 " 10 " 2 " 2 " "	2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccc} 770 & 324 \\ 560 & 319 \\ 385 & 326 \\ 392 & 269 \\ 340 & 269 \\ 291 & 265 \\ 305 & 261 \\ 277 & 260 \\ 0 & 307 \\ 347 & 181 \\ 204 & 234 \\ 332 & 187 \\ 0 & 139 \\ 18 & 130 \\ 0 & 102 \\ 0 & 88 \\ 0 & 41 \\ 0 & 21 \\ 0 & 14 \\ 0 & 21 \\ 0 & 14 \\ 0 & 10 \\ 0 & 8 \\ 0 & 6 \\ 0 & 0 \end{array}$
DH2URF DE2SAT X23	" 10	0,36 8,36 7	0 213	174 280 0 14
Finland OH6M S OH/DL1DTL/I OH6RC OH8GZN	Р-L37 "9	4,840 7,037 9,918 1,800	197 87	170 308 62 143 0 114 0 45
F5UKL F5CQ I	" 9		93 110	25 117 0 106 30 129 295 485
Greece J43J 5 (DJ5JH)	s 100	0,016	333	43 266
SV1BJW 1	L 97	7,850	210	305 190
Guernsey MUOFAL 1	L 8	3,217	99	0 83
HA7UG HA3OU I HA3OU I HA7LW HG6N N	" 49 L 49 " 2 M 1,647 " 1,427	7,883	75 121 49 1121 1 1125 1	138 113 0 51 347 105 0 50 740 576 534 537 10 333
Jersey MJ/DL8DXW-1	L	108	9	0 12
Kaliningra RK2FXG I	dsk	2 750	125	0 102
	L 12 " M 1,005			0 28 .365 443
Latvia YL7X S	S 187	,146	311	532 222
120211	" 42	2,336	179	73 168
	" 5 L 20),770	68 134	0 82 0 155
YL5W	" 8	8,058 1,400	102	0 79 0 80
Liechtenste HB0/DJ9CB S	ein			
),056 3,000		.611 522 .150 434
(LY2CY)				
LY2BO	" 131	,646	248	631 217 345 222 0 49
LY6A 1	- 1 L 501	,274 ,611	248 26 452 1	0 49 .019 341
(LY2BM) LY6M	" 296	5,400	313	599 325
LY2FN	" 14 "	1,896 850	80	116 76 0 25
Luxembourg				
	L M 1,017		3 1106	0 6 954 494
		2,504 3,986		178 132 0 74

Moldova ER4DX)	S	95	9	. 4	27	9	67	10	70	4	71
(OK1-11861								10			
ER3ZZ ER3DX	L "		3		06 35		57 15		0		58 29
				-			10		Ũ		
Netherland PA4A	ls S	11	4	3	00	3	96		54	2	54
PAOJNH	"				90		02		0		95
PAOLOU	"	3	7	, б	11		99		0		89
PA5KT PA5TT		2	0		00 48	1	60 6		0 0	1	25 8
PG7V	L	1	4		-10 68		97		45	1	04
PG2AA	"				52		06		0		92
PA2W PA0KHS					50 36		05 88		0 0		90 97
PA3HGF	"				79		69		0		91
PA3CWQ	"				06		62		0		63
PA7RA PA0FAW			1		40 91		44 27		0 0		35 33
PAOATG	"				66		19		0		14
PAORBA	"				6		2		0		3
Norway											
LN8W S		742,	8	52		875	1:	272	3,	46	
(LA7MFA) LA6YEA		9	6	.1	36	4	75	3	13	1	22
LA6CF	L				10		45		0		58
LA7SI	"			6	48		27		0		24
Poland											
SN3X S (SP3SLA)		758,	6	46		995		706	4	46	
(SP3SLA) SP3GTS	"	11	1	, 8	64	2	80	1	92	2	37
SP5GH	"	8	5	, 8	08	1	20	2	26	2	48
SP2LNW SP3LWP					28 40		90 04		46 0		73 85
SP7IVO	"				40 20		76		0		95
SP5CJQ	"		1		78		22		0		49
SP6JQC SP5EOT					54 68		29 18		0 0		26 26
SP9MDY	"				19		7		0		20 17
SP5CNA	L				28		02		9		48
SP9EMI SP6LV					70 76		39 88	1	46 0		62 77
SP8BAB					98		13		0		46
SQ9FMU	"	2	3	, 2	36	1	48		0		57
SP6BEN					37		59 46		0 10		43 26
SP9FT SQ5MGG					56 90		40 95		01		20 22
SP3ASN	"				36		61	2	11		38
SP2AVE					46		94		0		09
SP8FHJ SP9KJU					36 83		75 77		1 0		86 79
SQ1EUG	"				51		58		21		69
SP4AVG					80		70 87		0		74 54
SP5AKG SP9IHP	"				98 70		52		0 97		30
SP6OJE	"		4	, 2	48		59		0		72
SP5FKW SP2HMT					20 50		57 38		0 25		60 50
SP2HM1 SP7FBQ					04		30		25 9		36
SQ2AJI	"			2	10		15		0		14
SP3VT SN9Z	" M	69	5		68 47		8 19	11	0 22		21 97
SP9KRT/2	"				33		44		17		53
SP3KPN	"				70		7		0		10
SP7-003-24 SP-0142-J0		22	8		04 60		83 20	5	38 0		24 33
	-			5	50				5		
Portugal CT6A	L	14	2	, 8	20	3	14	4	26	1	93
(CT1ILT)								-			
CT1AOZ	"	3	3	,1	65	2	01		0	1	65
Romania	~	1	-	~	~~	-	4 -	1 -	20	,	4.0
YR1Z (YO9GZU)	S	1,02	T	, 0	26	7	45	15	29	4	49
(109G20) YR9P	"	60	2	, 0	40	8	06	5	78	4	35
(YO9HP)											CF
YO9WF YO2ARV					48 85		71 61	2	73 0		67 85
YO5KIP	"				16		82		0		38
(YO5OHO)							o -				
YO9FNP YO6ADW	" L				04 00		24 42		0 42		46 25
YO4AAC	"				90		42 28		42 42		25 17
YO50EF	"	5	0	, 5	89	2	19		0	2	31
YO9AGI YO2QY	"				68 34		35 27	1	57 0		54 42
YO8RIJ	"				12		87		0		76
YO3BBW	"			, 2	30		30		0		41
YO2ADQ	"			3	52		16		0		22
Scotland											
GM4SID	S				48		80		0		06
MM0BIQ/P MM/DL6MHW	L W3				37 00		29 20		0 10(53 100
		-		,	-						

Slovakia												
OM2VL	S	1,	2	65	5,	5'	75	97	0 1	231	57	5
OM8ON	L						10	28		272		
OM7DX	"						50	28			26	
OM3CFR-	"			34	4 .	7	L9	20		10		
OM4EA-	"					74		12		31		
Slovenia												
S58A	S	1,	1	76	б,	24	10	105	91	203	52	20
S59ABC	"						38	76		149		
(S51DS)												
S58P	"			9	э.	7	L 5	7	7	68	6	57
S57DX	L		7				28			301		
S57XX	"						33			48		97
S59T	"						50	2		0	2	22
Spain												
EA5FID	S		3	14	4,	8'	74	48	б	543	30)6
EA1WX	L						54	37		539		
EA1CS	"					70		17		212		
EA3RE	"						50	7		0		
EA5EOH	"					79		7		9		9
EA3CEC	"						77	4		0		3
EA5VN	"						52	4		0		8
EA7CA	"					6'		3		0		4
EA40A	"						58	1		0		81
EA40A	"					55	58	1		0		31
EA40A-	"						58	1		0		31
EA3OH	"						92		8	0		24
Sweden												
SE2T	S			2	2.	66	58	4	6	0	F	8
(SM2YIZ)	2			1	- /	51		I	-	0	-	-
8S4S	"					2.	24	1	4	0	1	6
(SM6U)						2.		-	-	0	-	
SM5LSM							24		4	0		б
SM7CIL							16		4	0		4
SM7BJW	L						10		0	0		28
SM6BSK	"						L6	1		0		.8
DHODDIC						2.	20	Ŧ	2	0	-	0
Turkey (E	irc	npe										
YM125ATA	L	pe	· /			5	L2	1	6	0	-	32
(TA3J)	-					5.	- 2	-	0	0	-	.2
(1A30)												
Ukraine												
UW5Q	S		9	1	5	10	92	75	0 1	257	4 5	6
UT7I	"						92			702		
(UT2IO)			'	2	<i>' '</i>	0.	2	00	0	102	-10	0
(01210)												
TIV07C			2	54	1	50	าย	42	1	341	33	24
UY0ZG UW5U	") 8) 1	42 43		341		
UW5U)8)1	42 43		341 286		
UW5U (UY2UA)	"		2	02	2,	60)1	43	5	286	28	81
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UW5U (UY2UA) UT7QF UT4EK UY5ZZ UT4PZ UT2UZ UW8SM UR7EQ UT8IM UT2FA UY5TE UX7QD UY7C UX8ZA UT1IA UX97C UX7QD UY7C UX8ZA UT1IA UX1IL UR3LTD UU7J UT9FJ UR4QWV UW7W Wales GW3SQX GW3NJW GW0ETF YU7KM YU5T (YU1JU) YU1RS-461 Outside Afghanist: T68G (LA5IIA) Argentina LU7HN	""" L"""""""""""""""""""""""""""""""""	ur	2 1 3 2 1 3 5 8	02 65 28 27 28 21 21 21 21 21 21 21 21 21 21	2, 5, 3, 4, 7, 5, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	6(64 64 14 3'12 14 66 66 77 12 14 66 66 77 12 14 14 14 14 14 14 14 14 14 14 14 14 14)1 58 14 80 44 80 153 150 153 150 153 150 153 154 153 154 153 154 153 154 155 154 155 154 155 156 157 158	43 24 15 9 1 39 32 20 19 14 8 6 5 5 5 4 3 3 3 3 8 4 5 2 6 5 14 2 22 18 3 3 3 10 5 266 5 14 18 3 9 0 22 20 19 19 14 8 6 5 5 5 14 8 6 5 5 5 14 8 9 20 19 19 20 20 19 19 20 20 19 19 20 20 20 19 19 20 20 20 19 20 20 20 20 19 20 20 20 20 20 20 20 20 20 20 20 20 20	5 367206957175937859575 332 036 7 2 5	286 349 75 118 09 696 392 348 159 169 261 288 00 00 00 708 908 01 10 0 789 00 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 28\\ 27\\ 12\\ 11\\ 30\\ 27\\ 12\\ 16\\ 11\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\$	1 9422289570181100809152 8887 916 0 9 4
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UW5U (UY2UA) UT7QF UT4EK UY5ZZ UT4PZ UT2UZ UW8SM UR7EQ UT8IM UT2FA UY5TE UX7QD UY7C UX8ZA UT1IA US8MX UX1IL UR3LTD UY7C UX8ZA UT1IA US8MX UX1IL UR3LTD UT7J UT9FJ UR4QWV UW7W Wales GW3SQX GW3NJW GW0ETF Yugoslavi 405A YU7KM YU5T (YU1JU) YU1RS-461 Outside Afghanist: T68G (LA5IIA) Argentina LU7HN LU4MHQ LW1E	""L"""""""""""""""""""""""""""""""""""	ur	2 1 3 2 1 3 5 8 8	0228 528 528 528 528 528 528 528	2, 5, 3, 4, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 7, 7, 5, 5, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	6 () () () () () () () () () ()1 58 14 80 44 80 153 150 153 150 153 150 153 154 153 154 153 154 153 154 155 154 155 154 155 156 157 158	43 24 15 9 1 39 32 20 19 14 8 6 5 5 4 3 3 3 3 8 4 2 2 14 2 2 2 14 2 2 2 14 1 8 6 5 5 5 4 3 3 3 3 8 4 4 2 2 2 1 1 9 1 2 2 0 1 9 1 2 2 0 1 9 2 2 0 1 9 2 2 0 2 0 1 9 2 2 0 1 9 2 2 0 1 9 2 2 0 1 9 2 2 0 1 9 2 2 0 1 9 2 2 0 1 9 2 2 0 2 0 1 9 2 2 0 2 0 1 9 2 2 0 2 0 1 9 2 2 0 2 0 1 9 2 1 2 2 0 1 9 1 2 2 0 0 1 9 2 2 0 2 0 1 9 1 1 4 8 6 5 5 5 1 4 1 1 9 2 1 2 2 0 2 1 9 1 1 4 2 2 2 0 1 9 1 1 4 1 1 3 9 2 2 2 0 1 9 1 1 4 1 1 4 1 1 9 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	5 367206957175937859575 332 036 7 2 56	286 349 75 118 09 696 392 348 159 169 261 288 00 00 00 708 908 01 10 0 789 00 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 2 & 8 \\ 2 & 7 \\ 1 & 1 \\ 3 & 0 \\ 2 & 7 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 1 & 2 \\ 1 & 2 \\ 1 & 1 \\ 1 & 1 \\ 2 & 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\ 1 & 1 \\ 1 & 2 \\ 7 \\ 1 & 1 \\$	1 9422289570181100809152 887 916 0 9 49
UW5U (UY2UA) UT7QF UT4EK UY5ZZ UT4PZ UT2UZ UW8SM UT2FA UY7C UX8ZA UT1FA UX7C UX7C UX8ZA UT1IA US8MX UX11L UR3LTD UU7J UT9FJ UT9FJ UT9FJ UT9FJ UT9FJ UR4QWV UW7W Wales GW3SQX GW3NJW GW0ETF Yugoslavi 405A YU7KM YU5T (YU1JU) YU1RS-461 Outside Afghanist T68G (LA5IIA) Argentina LU7HN LU4MHQ LW1E (LU1EWL)	""""""""""""""""""""""""""""""""""""""	ur	2 1 3 2 1 3 5 8 8	0228 528 528 528 528 528 528 528	2, , , , , , , , , , , , , , , , , , ,	6(6(6(7) 7) 7) 8(8) 8(1) 1) 10 6(6(7) 7) 7) 8(8) 10 11 11 10 6(6(7) 12 11 11 11 11 11 11 11 11 11 11 11 11	D1 5844 804 42 58331 5050 50333 752 3244 11536 600 58 62439	43 244 15 9 1 39 32 20 19 14 8 6 5 5 5 4 4 3 3 8 4 4 5 5 5 5 4 4 3 3 3 8 4 4 5 5 5 5 14 22 18 3 3 10 5 26 19 14 8 8 4 22 10 19 14 8 8 4 20 19 11 20 20 19 14 8 8 4 20 20 19 14 8 8 4 20 20 19 14 8 8 4 4 3 20 20 19 14 8 8 4 4 20 20 19 14 8 8 4 4 3 20 20 19 14 8 8 4 4 3 20 20 19 14 8 8 4 4 20 20 19 14 8 8 4 4 20 20 19 14 8 8 4 4 20 20 19 14 8 8 4 4 20 20 19 14 14 8 8 4 20 20 19 14 8 8 4 4 20 20 19 14 8 8 4 20 20 19 14 8 8 4 20 19 14 14 8 8 8 4 20 19 14 14 8 8 8 4 12 10 19 14 14 10 10 10 10 10 10 10 10 10 10 10 10 10	5 367206957175937859575 332 036 7 2 566	286 349 75 118 0 8199 261 28 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 2 & 8 \\ 2 & 7 \\ 1 & 2 \\ 1 & 1 \\ 3 & 0 \\ 2 & 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	31 9 4 2 2 8 9 9 5 7 7 0 1 8 9 5 5 7 0 1
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Aruba P43JB	S	225	.504	450	478	243
Australia VK4TT		all Ar				
Azerbaija		T	, 300	20	24	20
4K9W Bermuda	L	293	,859	460	467	317
KG9N/VP9				279	0	179
Brazil Ca PS2T (PY2NY)				5 99(0 1008	3 322
PY2IQ PY2BRZ		2	,835 132			45 12
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PY3DX	L		608			
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Brazil Ca PY5KD	11 S	Area	5 420	13	7	21
Brazil Ca					-	
PY70J PY7GK	L "		264 252	12 9		
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Brazil Ca PV8DX	11 S			407	413	208
Canada Ca						
VY2ZM (K1ZM)	S	1,590	,792	1659	1683	476
VY2/KD4D	"	1,546	,600	1627	1629	475
VE2XAA	L "		,542			
VE2AWR VE2FU		40	,328 ,659	140 87	144 70	
VE2FFE	"		,408		39	
Canada Ca	11	Area	3			
VE3AT	S	1,112				
	"	1,005				
VE3CR- VE3IAE			,860 ,462			
VE30SZ-	L	120	006	276	295	
VA3PL	"	102	,800	253	261	200
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RA9DZ	L	667,602	939	963	351
RX9FB	"	573,680		790	355
UA9TZ	"	467,376	710	746	321
RA9FTM	"	464,960	724	729	320
RK9AJZ	"	379,664		774	244
RA9KM		338,254		654	259
RW9QA UA9XS		252,860 248,710		472 461	269 266
UA9AS UA9FGJ		248,710		461	263
UA9LAU	"	101,864		0	238
RA9XU	"	76,626		0	198
RV9YK-	"	65,514	179	179	183
RK9CR	"	62,016		0	204
RW9SZ	"	49,572		307	81
RV9WZ RV9COI		36,072 29,639		251 138	72
UA9OA		26,085		118	107 111
RA9UN	"	11,799		108	57
UA9FM	"	11,098		90	62
RA9AC	"	280		0	20
RK9AWN	М	958,020		1153	420
RN9SXX		559,383		752	363
RK9CWW		238,140	486	486	245
Saudi Ara	abia				
7z1sj	L	21,828	160	161	68
Singapore					
9V1YC	S	219,392	489	368	256
Thailand					
E21EIC	L	422,820	693	612	324
222220	-	122,020	055	010	521
UK Bases	on C	yprus			
ZC4LI	S 1	,788,222	1852	1790	491
		a.11 a.			
United St KB1H		,135,337		1410	413
(N2TTA)	5 1	,155,557	1337	1410	113
K1LZ	"	986,688	1134	1150	432
K1ZZI	"	301,818	553	569	269
K1GU-	"	211,932		422	252
W1EBI		110,192		287	194
K1KO K1FWE		39,760 28,611	142 170	142 119	140 99
KC1F		27,216		170	81
K1XM	L	627,203	852	857	367
W1EQ	"	97,083	239	230	207
W1TO	"	64,440		180	180
AE1T	"	52,745		190	137
KE1F		9,520		63	80
K1TN	"	8,890	66	61	70
	"		66 1833		
K1TN KC1XX	" M 1	8,890 ,872,936 115,830	66 1833 348	61 1755	70 522
K1TN KC1XX K1IR United St	M 1 "	8,890 ,872,936 115,830 • Call Ar	66 1833 348 ea 2	61 1755 367	70 522 162
K1TN KC1XX K1IR United St W2UP	M 1 " ates	8,890 ,872,936 115,830 Call Ar 349,809	66 1833 348 ea 2 536	61 1755 367 547	70 522 162 323
K1TN KC1XX K1IR United St W2UP N2MM	M 1 " ates S	8,890 .,872,936 115,830 • Call Ar 349,809 270,414	66 1833 348 ea 2 536 548	61 1755 367 547 538	70 522 162 323 249
K1TN KC1XX K1IR United St W2UP N2MM K2QMF	M 1 " ates	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715	66 1833 348 ea 2 536 548 462	61 1755 367 547 538 469	70 522 162 323 249 265
K1TN KC1XX K1IR United St W2UP N2MM	M 1 " ates S "	8,890 .,872,936 115,830 • Call Ar 349,809 270,414	66 1833 348 ea 2 536 548 462 339	61 1755 367 547 538	70 522 162 323 249
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K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT	" 1 " " " " "	8,890 ,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782	66 1833 348 ea 2 536 548 462 339 171 141 116	61 1755 367 547 538 469 346 170 157 130	70 522 162 323 249 265 188 165 146 117
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2NV	M 1 " S " " " "	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504	66 1833 348 ea 2 536 548 462 339 171 141 116 102	61 1755 367 547 538 469 346 170 157 130 106	70 522 162 323 249 265 188 165 146 117 113
K1TN KC1XX K1IR W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE K2NV K2DB	M 1 " S " " " "	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50	61 1755 367 547 538 469 346 170 157 130 106 0	70 522 162 323 249 265 188 165 146 117 113 78
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2NV K2DB KC2GOW	M 1 " sates " " " " " " "	8,890 ,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25	61 1755 367 547 538 469 346 170 157 130 106	70 522 162 323 249 265 188 165 146 117 113 78 48
K1TN KC1XX K1IR W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE K2NV K2DB	" 1 sates S " " " " " " " " "	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338	61 1755 367 547 538 469 346 170 157 130 106 0 0	70 522 162 323 249 265 188 165 146 117 113 78
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2NV K2DB KC2GOW W2CG K2TA- N2WN	M 1 Sates S " " " " " " " " " " "	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 258 338 243 197	$\begin{array}{c} 61\\ 1755\\ 367\\ \\ 547\\ 538\\ 469\\ 346\\ 170\\ 157\\ 130\\ 106\\ 0\\ 0\\ 355\\ 250\\ 202\\ \end{array}$	70 522 162 323 249 265 188 165 146 117 113 78 48 188 234 150
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE K2DB K2DB K2DB K2CGOW WK2G K2TA- N2WN WA2MCR	M 1	8,890 ,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848	66 1833 348 ea 2 536 548 462 339 171 141 6 102 50 25 338 243 197 116	61 1755 367 547 538 469 346 170 157 130 106 0 355 250 202 126	70 522 162 323 249 265 188 165 146 117 113 78 48 188 234 150 144
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2DN K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN	M 1 states S " " " " " " " " " " " " " "	8,890 .,872,936 115,830 c Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82	61 1755 367 547 538 469 346 170 157 130 106 0 355 250 202 126 65	70 522 162 323 249 265 188 165 146 117 113 78 48 88 234 150 144 114
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA	M 1 S S U U U U U U U U U U U U U U U U U	8,890 .,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 346\\ 170\\ 157\\ 130\\ 106\\ 0\\ 0\\ 355\\ 250\\ 202\\ 126\\ 65\\ 82\\ \end{array}$	70 522 162 323 249 265 146 117 113 78 48 234 150 144 114 62
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2DN K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN	M 1 S S U U U U U U U U U U U U U U U U U	8,890 .,872,936 115,830 c Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 346\\ 170\\ 157\\ 130\\ 106\\ 0\\ \\0\\ 355\\ 250\\ 202\\ 126\\ 65\\ \end{array}$	70 522 162 323 249 265 188 165 146 117 113 78 48 88 234 150 144 114
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA	M 1 states S " " " " " " " " " " " " " " " " " "	8,890 .,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 43,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 ea 3	61 1755 367 547 538 469 346 170 157 130 106 0 0 355 250 202 126 65 82 1548	70 522 162 323 249 265 146 117 113 78 48 234 150 144 114 62
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2URA KD2HE W2URA KD2HE W2UDT K2DN K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA N02R United St K3CR	M 1 states S " " " " " " " " " " " " " " " " " "	8,890 .,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 ea 3	61 1755 367 547 538 469 346 170 157 130 106 0 0 355 250 202 126 65 82 1548	70 522 162 323 249 265 146 117 113 78 48 234 150 144 114 62
K1TN KC1XX K1IR United St W2UP N2MM K2QWF W2LE W2NRA K2QHF W2UPT K2NV K2DB K2DHE W2UDT K2NV K2DB K2TA- N2WN WA2MCR N2ZN K2TA- N2WN WA2MCR N2ZN K2AA N02R United St K3CR (LZ4AX)	M 1 	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 2 Call Ar	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 788 1493 ea 3	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 65 82 1548 1470	70 522 162 323 249 265 188 165 146 117 113 8 8 8 8 8 234 150 144 114 62 433 447
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA NO2R United St K3CR (LZ4AX) NN3W	M 1 	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 : Call Ar ,303,899 ,,117,152	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 1447 1275	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 655 250 202 126 82 1548 1470 1317	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 433 447 441
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA N02R United St K3CR (LZ4AX) NN3W AA3B	M 1 	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753 Call Ar ,303,899 .,117,152 940,005	66 1833 348 ea 2 536 548 462 339 171 141 116 106 25 338 243 197 116 82 78 1493 ea 3 1447 1275 1153	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 65 82 1548 1470 1317 1168	70 522 162 323 249 265 188 165 146 117 113 78 48 188 234 150 144 114 62 33 447 447
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA NO2R United St K3CR (LZ4AX) NN3W	M 1 	8,890 ,872,936 115,830 : Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 : Call Ar ,303,899 ,,117,152	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 ea 3 1447 1275 1153 955	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 655 250 202 126 82 1548 1470 1317	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 433 447 441
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN KR2AA N0ZR United St K3CR (LZ4AX) NN3W AA3B K3WW	M 1 	8,890 .,872,936 115,830 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 28,782 23,504 43,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753 Call Ar .,303,899 .,117,152 940,005 764,014	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 1447 1275 1153 955 415	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 65 250 202 126 82 1548 1470 1317 1168 999 430 396	70 522 162 323 249 265 188 188 188 188 146 117 78 48 188 234 0 50 144 114 62 433 447 431 405 391
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN K2AA N0ZR United St K3CR (LZ4AX) NN3W AJ3G K3WA N3KS	M 1 	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753 Call Ar ,303,899 .,117,152 940,005 764,014 214,630 167,485 165,846	66 1833 348 ea 2 536 548 462 339 171 141 116 106 255 338 243 197 116 82 78 1493 ea 3 1447 1275 1153 955 415 3393	61 1755 367 547 538 469 346 170 157 130 0 0 355 250 202 126 65 82 1548 1470 1317 1168 999 430 396 393	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 114 234 150 144 447 431 405 391 254 2215 211
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DB KC2GOW WK2G K2CB KC2GOW WK2G K2DB KC2GOW WK2G K2DB K2DB K2QNF W2UDT K2DB K2NV K2DB K2NV K2DB K2CG WK2G K2CA- N2WN WA2MCR N2ZN K2AA N0ZR United St K3WA A3B K3WW AJ3G K3WA N3KS W3FV	M 1 	8,890 ,872,936 115,830 2 Call Ar 349,809 270,414 246,715 128,780 56,265 43,508 828,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 ea 3 1447 1275 1153 955 415 383 398	61 1755 367 547 538 469 346 170 157 130 106 0 0 355 250 202 126 65 82 1548 1470 1317 1168 999 430 393 302	70 522 162 323 249 265 188 165 146 117 113 78 48 188 234 150 144 114 62 433 447 431 405 391 254 215 211 210
K1TN KC1XX K1IR United St W2UP N2MM K2QWF W2LE W2NRA K2QHE W2UDT K2DB K2DHE W2UDT K2DB K2DA W2UDT K2DB K2TA- N2WN WA2MCR N2ZN K2ZA N02R United St K3CR (LZ4AX) NN3W AA3B K3WW AJ3G K3WA N3KS W3FV WA3AAN	M 1 	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 828,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 2 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264	66 1833 348 ea 2 536 548 462 339 171 116 102 50 25 338 243 197 116 82 78 1493 1447 1275 1155 4155 383 393 298 164	61 1755 367 547 538 469 346 170 157 106 0 0 55 250 202 126 6 525 202 126 582 1548 1470 1317 1168 999 430 396 393 2174	70 522 162 323 249 265 188 165 146 117 113 78 48 284 150 144 150 144 114 433 447 431 447 431 405 391 254 221 212 212 212
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA K2QMF W2LE W2NRA K2DB K2QG K2TA- N2WN W2DT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UDT K2DB K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CG W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2CS W2UD K2DS K2DS K2DS K2DS K2DS K2DS K2DS K2D	M 1 " " " " " " " " " " " " " " " " " " "	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 6,920 ,316,753 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 1447 1275 1153 955 383 393 298 164 91	61 1755 367 547 538 469 346 170 157 130 0 0 355 202 126 65 202 126 65 82 1548 1470 1317 1168 999 430 396 393 302 174 104	70 522 162 323 249 265 188 165 146 117 113 78 48 188 234 150 144 405 433 447 447 431 405 391 254 254 215 211 210
K1TN KC1XX K1IR United St W2UP N2MM K2QWF W2LE W2NRA K2QHE W2UDT K2DB K2DHE W2UDT K2DB K2DA W2UDT K2DB K2TA- N2WN WA2MCR N2ZN K2ZA N02R United St K3CR (LZ4AX) NN3W AA3B K3WW AJ3G K3WA N3KS W3FV WA3AAN	M 1 sates S " " " " " " " " " " " " "	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 828,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 2 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264	66 1833 348 ea 2 536 548 462 339 171 141 116 106 255 338 243 197 116 82 78 1497 116 82 78 1497 1153 955 415 383 393 298 164 91 128	61 1755 367 547 538 469 346 170 157 106 0 0 55 250 202 126 6 525 202 126 582 1548 1470 1317 1168 999 430 396 393 2174	70 522 162 323 249 265 188 165 146 117 113 78 48 284 150 144 150 144 114 433 447 431 447 431 405 391 254 221 212 212 212
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN K2CG W12C K2TA- N2WN WA2MCR N2ZN K2CA N2WN WA2MCR N2ZN K2CA N2WN WA2MCR N2ZN K3CR (L24AX) NN3W AA3B K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D	M 1 Sates S " " " " " " " " " " " " "	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 828,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 2 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 77,494 12,604	66 1833 348 62 536 548 462 339 171 116 102 50 25 338 243 197 116 8243 197 1275 1155 415 383 393 298 164 91 128 112	61 1755 367 547 538 469 346 170 157 106 0 0 55 250 202 126 6 52 202 126 582 1548 1470 1317 1168 999 430 396 393 2174 104 517 40 107 107 106	70 522 162 323 249 265 188 165 146 117 113 78 48 284 150 144 114 162 433 447 431 447 431 445 391 254 211 2210 128 136 99 118 92
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2UDT K2NV K2DB KC2GW W2QG K2TA- N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N3W AJ3G K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D N3KR K3STX N3UA	M 1 sates S " " " " " " " " " " " " "	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 6,753 2,316,753 2,316,753 3,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 27,494 12,222	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 1447 1275 1153 955 415 383 393 298 164 91 128 168 167 759	61 1755 367 547 538 469 346 170 157 130 0 0 355 202 126 652 1548 1470 1317 1168 999 430 396 393 302 202 124 104 5 1177	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 114 405 433 447 447 431 405 254 215 211 210 128 136 99 97
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB K2CGOW WK2G K2TA- N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2AA N02R United St K3CR (LZ4AX) NN3W AA3B K3WW AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D N3KR K3STX N3UA W3CP	M 1 	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,753 3 Call Ar ,303,899 .,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 27,494 12,604 12,604	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 149 1275 1153 955 4153 955 4153 393 298 164 91 128 116 71 59 50	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 170\\ 157\\ 130\\ 106\\ 0\\ 355\\ 250\\ 202\\ 126\\ 652\\ 1548\\ \\1470\\ 1317\\ 1168\\ 999\\ 430\\ 396\\ 393\\ 302\\ 174\\ 104\\ 5\\ 117\\ 66\\ 67\\ 54\\ \end{array}$	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 417 431 447 431 405 391 128 136 99 9118 254 215 211 2254 215 211 225 433 447 447 431 405 391 249 254 254 254 254 254 254 254 254 265 265 265 265 265 265 265 265 265 265
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2WN WA2MCR N2ZN K2AA N02R United St K3CR (LZ4AX) NN3W AJ3B K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D N3KR K3STX N3UA W3CP K3TX	M 1 sates S " " " " " " " " " " " " "	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753 Call Ar .,303,899 .,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 27,494 12,604 12,222 4,784 4,368	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 78 1493 1447 1275 1153 955 4153 393 298 164 91 128 116 71 128 164 95 393 298 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 208 164 91 308 308 208 164 91 308 308 308 308 308 308 308 308	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 170\\ 157\\ 130\\ 106\\ 0\\ 0\\ 355\\ 250\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 12$	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 114 62 331 447 431 405 391 254 215 211 210 128 136 99 91 188 92 7 46 56
K1TN KC1XX K1IR United St W2UP N2MM K2QWF W2LE W2NRA K2QHE W2NRA K2QHE W2UDT K2DB KC2GOW WK2G K2TA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QG K2ZA- N2WN W2QC W12G K2ZA- N2WN W2QC W12G K2ZA- N3W A3B K3WA N3KS W3FV W3DA N3CR K3CR	M 1 	8,890 ,872,936 115,830 270,414 246,715 128,780 56,265 43,508 828,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 ,316,753 2 Call Ar ,303,899 ,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 77,494 12,604 12,222 4,784 4,368	66 1833 348 ea 2 536 548 462 339 171 116 102 50 25 338 243 197 116 8243 197 116 8243 197 116 8243 197 116 8243 197 116 8243 197 1275 1555 415 383 398 164 91 128 164 91 59 50 36 36 36 36 36 36 36 36 36 36	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 346\\ 170\\ 157\\ 130\\ 202\\ 202\\ 126\\ 5250\\ 202\\ 126\\ 582\\ 1548\\ \\1470\\ 1317\\ 1168\\ 999\\ 430\\ 396\\ 393\\ 302\\ 174\\ 104\\ 5\\ 117\\ 66\\ 67\\ 54\\ 42\\ 42\end{array}$	70 522 162 323 249 265 188 165 146 51 17 113 78 48 234 150 144 117 113 78 48 234 150 144 433 447 431 447 431 254 211 2210 128 136 99 918 92 97 46 56 56 56 56
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2WN WA2MCR N2ZN K2AA N02R United St K3CR (LZ4AX) NN3W AJ3B K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D N3KR K3STX N3UA W3CP K3TX	M 1 	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 9,920 .,316,753 Call Ar .,303,899 .,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 27,494 12,604 12,222 4,784 4,368	66 1833 348 ea 2 536 548 462 339 171 141 116 82 788 1493 1447 1275 1153 955 4153 393 2948 164 91 128 164 91 128 164 91 59 50 36 36 36 36 36 36 36 36 36 36	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 170\\ 157\\ 130\\ 106\\ 0\\ 0\\ 355\\ 250\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 65\\ 82\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 12$	70 522 162 323 249 265 188 165 146 117 113 78 48 234 150 144 114 62 331 447 431 405 391 254 215 211 210 128 136 99 91 188 92 7 46 56
K1TN KC1XX K1 IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA KD2HE W2UDT K2DV K2DB KC2GOW WK2G K2TA- N2WN WA2MCR N2ZN K2AA N02R United St K3CR (L24AX) NN3W AJ3G K3WA AJ3G K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ NJ3D N3KR K3TX K3TX K3TX K3TX K3TX K3TX K3TX K3TX K3TX K3TX K3TX	M 1 	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 415,362 59,850 34,848 16,758 9,920 .,316,753 26,265 34,848 16,758 9,920 .,316,753 26,265 34,848 16,758 9,920 .,316,753 5764,014 214,630 167,485 165,846 126,000 43,264 26,520 13,167 27,494 12,604 12,222 4,784 4,368 4,368 4,368 4,368 4,368	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 1493 1447 1275 1153 955 4153 393 298 164 91 128 116 71 590 366 298 164 91 128 166 298 164 91 128 166 298 168 298 168 298 168 298 168 298 168 298 168 298 16988 16988 1698 16988 16988 16988 16988 1698	61 1755 367 547 538 469 170 157 1300 0 355 2500 202 126 65 82 1548 1470 1317 1168 999 4306 393 302 174 104 107 5117 667 54 42 42 42 42 42 39 1759	70 522 162 323 249 265 188 165 146 117 113 48 234 150 144 114 623 447 431 405 391 128 447 431 254 2215 211 210 128 99 7 46 56 56 56 6 56 6 43 467
K1TN KC1XX K1IR United St W2UP N2MM K2QMF W2LE W2NRA KD2HE W2NRA K2DH K2DT K2DV K2DB K2CGOW W2CG K2TA- N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2WN WA2MCR N2R CI24AX) NN3W AA3B K3WA AJ3G K3WA N3KS W3FV WA3AAN K3ZQ ND3D N3KR K3STX N3UA W3CP K3TX K3TX K3TX K3TX K3TX K3TX W3TUA	M 1 sates S " " " " " " " " " " " " "	8,890 .,872,936 115,830 270,414 246,715 128,780 56,265 43,508 28,782 23,504 3,900 1,200 130,284 115,362 59,850 34,848 16,758 6,920 34,848 16,753 Call Ar ,303,899 .,117,152 940,005 764,014 214,630 167,485 165,846 126,000 43,264 214,630 13,167 27,494 12,604 12,604 12,604 12,604 22,924	66 1833 348 ea 2 536 548 462 339 171 141 116 102 50 25 338 243 197 116 82 1493 1447 1275 1153 955 4153 393 298 164 91 128 116 71 590 366 298 164 91 128 166 298 164 950 393 298 164 950 393 298 164 950 393 298 164 950 393 298 164 950 393 298 164 950 393 298 164 91 128 166 393 298 166 395 395 395 395 395 395 395 395	$\begin{array}{c} 61\\ 1755\\ 367\\ \\547\\ 538\\ 469\\ 170\\ 157\\ 130\\ 106\\ 0\\ 355\\ 250\\ 202\\ 126\\ 652\\ 126\\ 82\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 126\\ 12$	70 522 162 323 249 265 188 165 146 117 78 48 234 113 78 48 234 114 405 391 144 433 447 431 405 391 128 136 99 97 46 56 56 43

Indead of						
	states					
NY4A (N4AF)	S	996	,630	1173	1217	417
K4EA		472	,768	642	686	356
KM4M		429	,825	776	787	275
(W3BP)		295	070	660	676	0.01
N4ZR K4LTA			,978 ,875	662 559	676 566	281 223
AD4EB			,219	426	435	279
N4PN			,200	700	0	336
N4BP	"		,152	433	439	241
K4BAI	"		,397	482	487	213
K4GMH			,992	428 445	436	228 176
N4CW/1 K4YKZ			,168 ,884	328	448 343	204
K4DJ			,683	289	298	209
N4GG		119	,082	270	264	223
N4ZZ			,600	283	287	180
W4BQF			,714	215	239	191
K4RO W4NTI			,488 ,227	98 179	99 0	104 113
NF4A	L		,229	266	183	
W4CU			,913	184	197	173
NT4D	"		,690	105	90	142
W4EE			,785	147	0	155
N4PJ W4HZD			,460 ,968	146 90	144 102	74 104
WA4OSD			,933	39	30	
K4GM			,856	34	34	42
KI4EZC			360	15	0	24
				_		
United S				ea 5 651	CCE	220
K5ZD- N5ZK	S "		,124		665 176	339 120
(W5ASP)		10	,000	105	1/0	120
KZ5OM			672	14	10	28
(K6III)						
WD5K	L "		,614		206	169
K5WW		T	,025	25	0	41
United S	states	Cal	l Are	ea 6		
N6XI	S	0	0	0		
N6AR			,446	593	598	306
W6FA			,768	181	183	112
K6XX N6ZZ			,930 ,484	126	135 100	130 114
N622 N6CY			,484	106 89	93	$114 \\ 121$
N6MA-			,436	69	74	52
КбТА			,080	46	39	48
KGIII			528	22	0	24
KNGY	" T	10	506	22	0	23
N6MZ N6ZO	L M		,180 ,711	88 799	86 828	70 293
11020		1/0	,,,==		020	220
United S	states	Cal	l Are	ea 7		
W7OM	S	7				
KS7T			,544		0	
			,838	59	0	82
N7VS						
United S	"	4	,838 126	59 9	0	82
	" states	4 Cal 159	,838 126 1 Arc ,740	59 9 ea 8 328	0 0 324	82
United S K8AJS W8OHT	" States S	4 Cal 159 27	,838 126 1 Arc ,740 ,105	59 9 ea 8 328	0 0 324	82 14 245 139
United S K8AJS W8OHT KU8E	" States S " L	4 Cal 159 27 40	,838 126 1 Arc ,740 ,105 ,256	59 9 ea 8 328 101 134	0 0 324 94 138	82 14 245 139 148
United S K8AJS W8OHT KU8E KK8I	" States S	4 Cal 159 27 40 38	,838 126 1 Arc ,740 ,105 ,256 ,482	59 9 ea 8 328 101 134 135	0 0 324 94 138 136	82 14 245 139 148 142
United S K8AJS W8OHT KU8E	" S tates S " L	4 Cal 159 27 40 38	,838 126 1 Arc ,740 ,105 ,256 ,482	59 9 ea 8 328 101 134	0 0 324 94 138 136	82 14 245 139 148
United S K8AJS W8OHT KU8E KK8I	" States S " L " " States	4 Cal 159 27 40 38 16 Cal	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc	59 9 328 101 134 135 132 ea 9	0 0 324 94 138 136 0	82 14 245 139 148 142
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU	" States " L " States S	4 Cal 159 27 40 38 16 Cal 460	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,790	59 9 ea 8 328 101 134 135 132 ea 9 766	0 0 324 94 138 136 0 796	82 14 245 139 148 142 124 295
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9IU W9RE	" States L " States S	4 Cal 159 27 40 38 16 Cal 460 283	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,790 ,338	59 9 aa 8 328 101 134 135 132 aa 9 766 471	0 0 324 94 138 136 0 796 483	82 14 245 139 148 142 124 295 297
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN	" States L " States S "	4 Cal 159 27 40 38 16 Cal 460 283 14	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,790 ,338 ,852	59 9 328 101 134 135 132 6 9 766 471 94	0 0 324 94 138 136 0 796 483 94	82 14 245 139 148 142 124 295 297 79
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YQ	" States L " States S	4 Cal 159 27 40 38 16 Cal 460 283 14 3	,838 126 1 Are ,740 ,105 ,256 ,482 ,368 1 Are ,790 ,338 ,852 ,744	59 9 328 101 134 135 132 6 9 766 471 94 72	0 0 324 94 138 136 0 796 483 94 0	82 14 245 139 148 142 124 295 297 79 52
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN	" States S " L " " States S " "	4 Cal 159 27 40 38 16 Cal 460 283 14 3 1	,838 126 1 Are ,740 ,105 ,256 ,482 ,368 1 Are ,790 ,338 ,852 ,744 ,190	59 9 328 101 134 135 132 766 471 94 72 35	0 0 324 94 138 136 0 796 483 94 0 0	82 14 245 139 148 142 124 295 297 79 52 34
United 2 K8AJS W8OHT KU8E KK8I WB8JUI United 2 W9IU W9RE K9UQN W9YQ W9WI WJ9B/4 K9QVB	" states S tates S tates L " " tates L " " tates L " " " tates L " " " " " " " " " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 460 283 14 3 15 143	,838 126 1 Ar ,740 ,105 ,256 ,482 ,368 1 Ar ,790 ,338 ,852 ,744 ,190 ,560 ,385	59 9 328 101 134 135 132 766 471 94 722 35 678 428	0 0 324 94 138 136 0 796 483 94 0 0 699 441	82 14 245 139 148 142 124 295 297 79 52 34 280
United 8 K8AJS W8OHT KU8E KK8I WB8JUI United 8 W9IU W9RE K9UQN W9YQ W9YI W9YQ W9YI WJ9B/4 K9QVB N9FD	" States " " States S " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 460 283 14 385 143 5	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,368 1 Arc ,790 ,338 ,852 ,744 ,190 ,560 ,385 ,544	59 9 328 101 134 135 132 766 471 94 72 35 678 428 428	0 0 324 94 138 136 0 796 483 94 0 0 699 441 44	82 14 245 139 148 142 124 295 297 79 52 34 280 165 63
United 2 K8AJS W80HT KU8E KK8I WB8JUI United 2 W9IU W9YE K9UQN W9YQ W9WI WJ9B/4 K9QVB N9FD N9JRZ	" States L " States S " " L " "	4 Cal 159 27 40 38 16 Cal 460 283 14 385 143 5 2	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,338 ,852 ,744 ,190 ,560 ,385 ,544 ,530	59 9 328 101 134 135 132 766 471 94 72 35 678 428 424 26	0 0 324 94 138 136 0 796 483 94 0 0 699 441 44 29	82 14 245 139 148 142 124 295 297 79 52 34 280 165 63 46
United 2 K8AJS W8OHT KU8E KK8I WB8JUI United 2 W9IU W9RE K9UQN W9YI W9YQ W9WI WJ9B/4 K9QVB N9JD N9JRZ W9ILY	" States " " States S " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 460 283 14 385 143 5 2	,838 126 1 Arr ,740 ,105 ,256 ,482 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,560 ,564 ,554 ,554	59 9 ea 8 328 101 134 135 132 ea 9 766 471 9 471 9 472 35 678 428 428 428 426 24	0 0 324 94 138 136 0 796 483 94 0 0 699 441 429 20	82 14 245 139 148 142 124 295 297 79 234 280 165 63 46 34
United 2 K8AJS W80HT KU8E KK8I WB8JUI United 2 W9IU W9YD W9U W9YQ W9YI WJ9B/4 K9QVB N9FD N9JRZ	" states S tates S tates S tates	4 Cal 159 27 40 38 16 Cal 460 283 14 385 143 5 2	,838 126 1 Arc ,740 ,105 ,256 ,482 ,368 1 Arc ,338 ,852 ,744 ,190 ,560 ,385 ,544 ,530	59 9 ea 8 328 101 134 135 132 ea 9 766 471 9 471 9 472 35 678 428 428 428 426 24	0 0 324 94 138 136 0 796 483 94 0 0 699 441 429 20	82 14 245 139 148 142 124 295 297 79 234 280 165 63 46 34
United 2 K8AJS W8OHT KU8E KK8I WB8JUI United 2 W9IU W9RE K9UQN W9YI W9YQ W9WI WJ9B/4 K9QVB N9JD N9JRZ W9ILY	" " " " " " " " " " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 385 143 5 2 1 Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal	,838 126 1 Ard ,740 ,105 ,256 ,482 ,368 1 Ar ,790 ,338 ,852 ,744 ,190 ,385 ,544 ,530 ,496 760 1 Ard	59 9 328 101 134 135 132 766 471 72 35 678 424 26 24 20 ea Ø	0 0 324 94 138 136 0 796 483 94 0 0 0 699 441 29 20 18	82 14 245 139 148 142 124 2957 79 52 34 280 165 63 46 34 20
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YU W9YU W9YU W9YI WJ9B/4 K9QVB N9FD N9JRZ W9ILY K9GY United S N0AT	" States States States States States States States	4 Cal 159 27 40 38 16 Cal 385 143 5 2 1 Cal 87	,838 126 1 Arra ,740 ,105 ,256 ,482 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,385 ,544 ,530 ,496 760 1 Arr ,522	59 9 328 101 134 135 132 766 471 94 72 355 678 428 428 428 44 26 24 20 245	0 324 94 138 136 0 796 483 94 40 0 0 699 441 429 200 18 258	82 14 245 139 148 142 124 295 297 79 52 297 79 52 340 165 63 46 34 200 174
United 2 K8AJS W8OHT KU8E KK8I WB8JUI United 2 W9IU W9RE K9UQN W9YQ W9YU W9YQ W9YU W9YQ W9YU W9YA K9QVB N9JRZ W9ILY K9GY United 2 N0AT K0FX	states S tates S tates S T tates S S tates S S	4 Cal 159 27 40 38 16 Cal 460 283 14 3 385 2 1 385 2 1 Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal C	,838 126 1 Arr ,740 ,105 ,256 ,4822 ,368 1 Arr ,790 ,388 ,852 ,744 ,190 ,560 ,385 ,544 ,190 ,560 ,385 ,544 ,530 ,496 760 1 Arr ,715	59 9 ea 8 328 101 134 135 132 766 471 94 72 35 678 428 44 26 245 20 245 149	0 0 324 94 138 136 0 796 483 94 0 0 699 441 44 29 20 18 258 160	82 14 245 139 148 142 124 295 297 79 52 297 79 52 34 280 63 46 34 20 174 135
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YQ W9WI WJ9B/4 K9QVB N9FD N9FD N9JRZ W9ILY K9GY United S N0AT K0FX K0RC	" States States States States States States States	4 Cal 159 27 40 38 16 Cal 460 283 14 3 385 2 1 385 2 1 Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal C	,838 126 1 Arr ,740 ,105 ,256 ,482 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,385 ,544 ,550 ,385 ,544 ,550 ,496 1 Arr ,522 ,715 ,197	59 9 8 328 101 134 135 132 766 471 94 72 35 678 428 428 424 26 245 149 103	0 0 324 94 138 136 0 796 483 94 0 0 0 99 441 44 29 200 18 258 160 0	82 14 245 139 148 142 124 295 297 79 52 34 280 165 63 465 63 420 174 135 99
United 2 K8AJS W8OHT KU8E KK8I WB8JUI United 2 W9IU W9RE K9UQN W9YQ W9YU W9YQ W9YU W9YQ W9YU W9YA K9QVB N9JRZ W9ILY K9GY United 2 N0AT K0FX	" " " " " " " " " " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 460 283 14 3 385 2 1 385 2 1 Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal C	,838 126 1 Arr ,740 ,105 ,256 ,4822 ,368 1 Arr ,790 ,388 ,852 ,744 ,190 ,560 ,385 ,544 ,190 ,560 ,385 ,544 ,530 ,496 760 1 Arr ,715	59 9 8 328 101 134 135 132 766 471 94 72 35 678 428 424 20 245 149 103	0 0 324 94 138 136 0 796 483 94 0 0 0 99 441 44 29 200 18 258 160 0	82 14 245 139 148 142 124 295 297 79 52 297 79 52 34 280 63 46 34 20 174 135
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YQ W9WI WJ9B/4 K9QVB N9FD N9FD N9JRZ W9ILY K9GY United S N0AT K0FX K0RC	" " " " " " " " " " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 460 283 14 3 385 2 1 385 2 1 Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal Cal C	,838 126 1 Arr ,740 ,105 ,256 ,482 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,385 ,544 ,550 ,385 ,544 ,550 ,496 1 Arr ,522 ,715 ,197	59 9 8 328 101 134 135 132 766 471 94 72 35 678 428 428 424 26 245 149 103	0 0 324 94 138 136 0 796 483 94 0 0 0 99 441 44 29 200 18 258 160 0	82 14 245 139 148 142 124 295 297 79 52 34 280 165 63 465 63 420 174 135 99
United S K8AJS W8OHT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YU W9YU W9YU W9YI WJ9B/4 K9QVB N9FD N9FD N9FD N9FD N9JRZ W9ILY K9GY United S N0AT K0FX K0RC W0TY	" " " " " " " " " " " " " " " " " " "	4 Cal 159 27 40 38 16 Cal 385 143 385 143 5 2 1 Cal 87 41 10	,838 126 1 Arr ,740 ,105 ,256 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,560 ,385 ,544 ,190 ,550 ,540 ,530 ,540 ,197 ,713	59 9 8 328 101 134 135 132 766 471 94 72 35 678 428 428 424 26 245 149 103	0 0 324 94 138 136 6 483 94 0 0 699 441 44 29 20 18 258 160 0 0	82 14 245 139 148 142 295 297 79 52 234 280 165 63 46 63 420 174 135 99 31
United S K8AJS W80HT KU8E KK8I WB8JUI United S W9IU W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ	states S tates S tates S tates S tates S L L L	4 Cal 159 27 40 38 16 Cal 385 143 385 143 5 2 1 Cal 87 41 10	,838 126 1 Arr ,740 ,105 ,256 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,560 ,385 ,544 ,190 ,550 ,540 ,530 ,540 ,197 ,713	59 9 8 328 101 134 135 132 766 471 94 72 355 678 428 44 245 245 149 103 23	0 0 324 94 138 136 0 796 483 94 0 0 699 441 44 29 20 18 258 160 0 0	82 14 245 139 148 142 295 297 79 52 234 280 165 63 46 63 420 174 135 99 31
United S K8AJS W80HT KU8E KK8I WB8JUI United S W9IU W9RE K9UQN W9YQ W9WI WJ9B/4 K9QVB N9FD N9JRZ W9ILY K9GY United S N0AT K0FX K0FX K0FX K0FX W0TY Venezuel YV7QP	states S tates S tates S tates S tates S tates S tates S tates L t	4 Cal 159 27 400 283 14 385 143 5 2 1 Cal 87 41 10 29	,838 126 1 Arr ,740 ,105 ,256 ,482 ,368 1 Arr ,790 ,585 ,544 ,530 ,496 760 1 Arr ,715 ,715 ,713 ,140	59 9 328 101 134 135 132 766 471 94 72 35 678 428 24 24 24 24 24 24 24 24 245 149 103 23 144	0 0 324 94 138 136 0 0 796 483 94 0 0 0 699 441 29 20 18 258 160 0 0 0 91	82 14 245 139 148 142 124 295 297 79 52 34 2805 63 46 34 200 174 135 99 31
United S K8AJS W80HT KU8E KK8I WB8JUI United S W9IU W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ W9YQ	states S tates S tates S tates S tates S L L L	4 Cal 159 27 400 283 14 385 143 5 2 1 Cal 87 41 10 29	,838 126 1 Arr ,740 ,105 ,256 ,368 1 Arr ,790 ,338 ,852 ,744 ,190 ,560 ,385 ,544 ,190 ,550 ,540 ,197 ,512 ,197 ,713	59 9 328 101 134 135 132 766 471 94 72 35 678 428 24 24 24 24 24 24 24 24 245 149 103 23 144	0 0 324 94 138 136 0 0 796 483 94 0 0 0 99 441 29 200 18 258 160 0 0 0 91	82 14 245 139 148 142 124 295 297 79 52 34 2805 63 46 34 200 174 135 99 31

Disqualification

-none-

Station Operators CT6A: CT1ILT, DB7YAH: DB7YAH, DL10BF; DFØAW: DL4EBW; DJ2KH: DJ2KH, DJ7LB; DJ3HW: DD6QN, DJ3HW; DKØOD: DJ2FR, DL4MHA; DKØWK: DL5ASE, DL2MDU, DL3ARK; DK2R: ?; DK3QZ: DK3QZ, DL3QQ; DK4QK: DK4QK, DF9YD; DK5A: DL5AZZ, DL5ARM; DLØBO/p: DF2CH, DK2WC, DL4DZ, DL9UN; DLØC: DL1CC, DL8UKE; DLØLA: DD1LD, DJ5CL,DK4YJ, DL4RDJ, DL6RAI; DLØOBL: DL1DSW, DG7DNL; DLØQS: DL8QS; DL1EJA: DL1EJA, PE2SVN; DL4ME: DL4ME, DL4SM; DM1A: DJ5MW, DK9IP, DL1IAO, DL3YM, DL7JAN; DM1T: DM1T, DH3FAW; DM4G: DL10D, DF30L, DK1WB, DJ3AK, DL1RNN; DM5EL: DM5EL, DF2CK, DL1DVE, DL3VTA; DR1A: DL7FER, DR3X: DL8VL DL8DWW; DR5X: DL8LAS, DL9EE; ER4DX: OK1-11861, ES1A: ESIGE, ESIGF; EM&WF: EW&KJ F6KAR: F5VIH/SV3SJ, F6IRF, F6IFY; HG1S: HA1TJ, HA1DAC, HA1DAI, HA1DAE; HG6N: HA1AG, HA3OV, HA6ND, HA6NY; IO3P: IZ3EYZ, JA3YBK: JG3KIV, JH4NMT; JA3YPL: JJ3TBB, J43J: DJ5JH, KB1H: N2TTA, K3DI: W3UL, K3DI,; KC1XX: K1GQ, KA1R, KM3T, N2NC, W1FV, WA1Z; K3CR: LZ4AX, KM4M: W3BP, KZ5OM: K6III, LR2F: LU2FA, LU1FAM, LU1FZR, LU5FF.; LX7I: DL1EFD, DL1EKC, DL4SDW, DL8SCG, LX2A; LY9Y: LY2CY LY6A: LY2BM; LN8W: LA7MFA LW1E: LU1EWL,LZ9R-: LZ3YY MM/DL6MHW: DL6MHW, DL3ABL; N3RD: N3RD, N3RS, W8FJ, N3DXX; N6ZO: N4EAA, N6ZO; N02R: NO2R, K2NG; NY4A: N4AF, N5ZK: W5ASP, OQ5M: ON5ZO; OQ4A: ON6ML OLOA-: OK1CZ **OL6W:** OK2FB, **PS2T**: PY2NY, **RD3A**: RD3AF, **RK2FWA:** UA2FF, UA2FM, UA2FP; RK9AWN: RK9AAV, RZ9AR, RA9AA; RK9CWW: RK9AWN: RK9AAV, RZ9AR, RA9AA; RK9CWW: RA9CMO, UA9CIR; RK9CZO: UA9CTT, RN9SXX: RW9SW, RX9SR; RW3TA: ZOOBKOV, SE2T: SM2YIZ, SN3X: SP3SLA SN9Z: SP6EQZ, SP9H, SP9XCN; S59ABC: S5IDS, T68G: LA5IIA, UA9AYA: UA9CDV, UP4L: UN7LZ; UP0L: UN9LW, UT7I: UT2IO, UT9FJ: UT9FJ, UR5FEL; UU7J: URØMC, UT3MD, UT5UGR, UUØJL, UUØJM, UUØJX, UU1AZ, UU1DX, UU2JQ, UU4JMG, UU5WV, UU8JK.; UW5U :UY2UA, UW7W: UR5WCW, UT7WZ; VE3MIS: VE3MA, VA3JK; VY2ZM : K1ZM , VY2/KD4D: KD4D, YE1ZAT: YD1JZ, YDIMAC, YDIORZ, YCIKZX, YCIKAF, YE1BI, YB1CCF, YB1BAD. YL7X: YL2LY, YM125ATA: TA3J, YR1Z: YO9GZU; YR9P: Y09HP; Y05KIP: Y05OHO, YU5T : YU1JU , ZL6QH: ZL2BSJ, 8S4S: SM6U, 9A8UA: UA2FB, **9K2HN**: 9K2RR

Checklogs

Many thanks to the following stations submitting checklogs:

CU2JT, DC7ZP, DC9ZP, DJ3LT, DK3LT, DK4WF, DL6OCK, DOØZZ77, HA2MN, K4OH, K6CSL, OK1DSU, RW4FX, Y08AXP.

Soapbox Comments

9M6XRO: Rig - Yaesu FT-1000MP & Quadra Linear, 400 watts output. Ants up 27m (1) 2el Quad (2) Butternut HF2V Vertical. Bands very flat. Openings to Europe were poor and much shorter duration than usual. I was not able to copy the weaker swigs to get a good run going. Sunday was slightly better than Saturday but that is not saying much! Fingers crossed for an upturn next year... CN8YR: First time I use N1MM for WAE contest. I had problems to log some UU, RW, RK, stations because they are not considered as European stations. A serial number was given to these stations but they were not logged by NIMM. Sorry for following stations: UU9CI, UU7??, RN6HZ, RK2FWA, UA4LU, RW4PL, UA6LU, UA3QDX. **CU2JT:** Social engagement prevented me from fully participate in this year's WAE contest. I worked most of my old contest friends to give them the CU multiplier as I believe no other CU station was on the contest. I was glad to notice that 15 and 10 meters were open to the USA and South America but I was surprised that the

activity was not more intense on 40m first night. This is one of my favourite contests and it was a pity that other activities kept me away for a good deal of the time. I will be back next year and I will tell my wife to make a better planning on the cocktail parties and other activities during the WAE weekend. **DD1IM:** Normally I love the qtc traffic, but my 3rd wae was a disaster: worst performance ever, big time wasting with calling s9-stns, who did not hear my weak sigs, begging 4 qtc's while being overridden by qros. To enter with low power, poor ant condx & limited op time is pure masochism. Really a pity... but tnx 2 all ops, who did hear me. And also tnx 4 the often friendly way of qso-ing. Vy 73, gl es cwfe de Sascha DD1IM **DEØMBS:** As there was no chance this weekend to operate under my call DL&MBS I gave the new K2 a try with a SWL-participation. Pure and simple setup: Only rx, wires, pencil and paper - no cluster, packet and no tape, too. But big fun. **DJ10J:** band condx and op not in good shape.... **DKØOD:** TNX for all QSOs and QTCs - We hope to see you all again next year **DK9PY:** Unfortunately I had to take a longer break than decided due to a lightning stroke that killed C7678 on my FT1000D, which created a nice Malfunction. All in all it was great fun to participate again in the best Contest after 16 years!DLØBO/p: This time a lot of problems with the equipment. Many new things worked not as they should work. Lost 6 hours. But all time a good feeling and next time the equipment will run 100% **DLØLA:** Low sunspots kept high bands closed. Low bands weren't too good either, lots of static crashes on 80! Highlights were being called by VK6HD on 80 Saturday night and a surprising 10 m opening to the US on Sunday afternoon. Congrats to the competitors at DM1A! DL7DZ: RX/TX ; ICOM 706 , Ant GP ;Dipole DL7UMK: Nice contest but maybe little less activity then last year. Saturday I had a hang up of my logging software, but no QSO was left. Sunday was a little opening on 10m to make some qso. See you next year! DM1A: Year for year, 10m surprises us with a Sunday W/VE opening! DM1TT: Thank you all for the QSOs and QTCs! This is a wonderful contest with no dead zone during the last hours of the contest due to the QTC exchange. Special thanks to DL4FAA, DK9VZ and DK1NB for their help. DM5EL: our first WAECW participation DR5X: Every year a nice contest with good CW ops. E21EIC: Good propagation on Low band on Saturday, but on Sunday high QRN. Lots of fun of QTC and Thanks to all QSOs. EA8MQ: Very good contest tks all friends to next qso, 73 GØMTN: Once again only a part time entry. Too many static crashes - stations did not hear my call, my report, and QTCs were too hard! But that's what makes this a fun game ! GØVQR/p: I worked my best DX ever using the FT817 and the Miracle Whip Antenna. It was hard going with only 5 watts but great fun. I was on holiday in New quay for the week so the station was very basic. I had the Miracle Whip fixed to a mag mount sitting by the window. G3LHJ: Enjoyable contest wish I could have put more time to it - 10M would not open up to outside EU but 15M was good on Sunday. G3RSD: Always enjoy this contest it is so different to others $\ensuremath{\mathsf{G3TXF}}$: It's the QTCs that make WAE-CW such a fun contest. There's great satisfaction in copying a set of ten QTCs from a weak DX station!



52nd European DX-Contest (WAEDC) SSB 2006 Results by Helmut Müller, DF7ZS (df7zs@dxhf.darc.de) WAE-DX-Contest-Team: DK9TN DJ1YFK DL1MGB DL2LAR DL2YOU DL6MHW DL6OCK DL8MBS DL8WPX DL8WX DL9ZWG

		Top Sco	res													
		Call	Score	QSO	s					QTCs	Mul	tipli	er			
				80	40	20	15	10	all	~	80	40	20	15	10	all
			Single Operator													
		Europe ES5TV	2,159,657	55	272	1308	232	2	1869	1340	144	207	198	120	4	673
		RW1AC	2,003,508	69	216	891	167	2	1345	1509	180	228	174	118	2	702
		LX7I	1,318,896	49	262	791	167	3	1272	1050	100	174	156	132	6	568
		OE6MBG OM2VL	1,303,416 1,242,316	40 23	373 344	884 773	142 133	1 0	1440 1273	1086 994	92 80	174 192	146 170	102 106	2 0	516 548
		DL5AXX	1,242,310	46	278	561	198	0	1083	884	100	210	164	140	0	614
Continental Winr	ners	405A	1,114,113	30	305	865	177	0	1377	690	76	189	174	100	0	539
		LY2IJ	1,100,324	25	222	511	170	0	928	1051	84	192	170	110	0	556
Single Operator		YR7M GW4BLE	1,065,467 1,053,804	47 46	182 114	455 1334	121 132	0 0	805 1626	1194 938	120 80	165 87	134 150	114 94	0 0	533 411
Africa	EA9LZ UPØL	GWIDDE	1,055,004	10	111	1334	132	0	1020	250	00	07	150	71	0	111
Asia Europe	ES5TV															
North America	VE3AT		Single Operator													
Oceania	ZL2UO	Outside 1 UPØL	2,136,010	230	598	935	594	0	2357	1898	176	138	100	88	0	502
South America	ZX2B	EA9LZ	1,991,340	252		1206	133	0	2052	2088	164	147	108	62	0	481
Single Operator/L	P	VE3AT	1,634,895	101		1319	57	0	2015	1850	124	135	104	60	0	423
Africa	EA8/DH5JG	K1LZ	1,209,160	246 59	97 286	1027 589	57 454	0 0	1427 1388	1385 1210	164 96	108 126	102 94	56 92	0 0	430 408
Asia	A45WD	EXØM ZX2B	1,059,984 864,654	59	286 184	484	454 567	3	1244	1210	96 24	132	94 96	92 88	6	408 346
Europe North America	S57DX VE3DZ	W3UA	832,130	82	168	844	35	0	1129	1120	116	120	94	40	0	370
Oceania	YE1AA	WX3B	600,809	16	71	916	89	0	1092	1031	48	87	96	52	0	283
South America	LU4DX	N8II	599,426	39	69	711 770	150	0 0	969 970	940 954	72	84	94	64	0 0	314
Multill Constant		K3WW	584,896	43	34	//0	123	0	970	954	80	66	92	66	0	304
Multi Operator Africa	_															
Asia	9K2HN	-	Single Operator	/LP												
Europe	DR1A	Europe	020 510	0.0	1 2 7	260		0	500	1100	0.0	1 1 4	1 4 4	0.0	0	400
North America	KD4D	S57DX Z35T	832,510 544,508	29 30	137 109	362 638	71 120	0 0	599 897	1100 485	92 72	174 102	144 124	80 96	0 0	490 394
Oceania South America	– ZX5J	OK1WCF	522,792	23	48	429	95	0	595	677	72	93	156	90	Ő	411
South America	2430	UA4FER	355,320	22	53	184	116	0	375	753	48	81	118	68	0	315
SWL Category		DK5DQ	318,159	9	29	274	72 67	0 0	384 309	835 431	24	57 105	110	70 74	0 0	261
Africa	-	DJ3JB CT6A	280,460 278,596	24 3	50 49	168 438	82	5	309 577	431 579	80 12	105 69	120 86	68	6	379 241
Asia Europe	- DEØMBS	UY4F	251,872	16	34	142	27	0	219	707	48	66	114	44	0	272
North America	VO1ØØ1SWL	DK3W	242,865	11	35	192	33	0	271	674	40	75	100	42	0	257
Oceania	VK-CRAIG	DJ80G	231,944	21	35	110	71	0	237	497	64	78	100	74	0	316
South America	-															
		Top Ten s	Single Operator	/LP												
		Outside 1	-													
		A45WD 4XØT	855,138 548,609	72 78	85 57	551 412	565 370	0 0	1273 917	1109 870	88 96	81 57	96 92	94 62	0 0	359 307
		LU4DX	296,142	1	39	320	301	2	663	619	90 4	57	92 84	82	4	231
		VE3DZ	259,971	0	67	630	5	0	702	645	0	87	96	10	0	193
		UA9ACJ	254,436	40	63	185	174	0	462	470	68	69	70	66	0	273
		UN5PR PP5JD	251,482 240,108	14 0	137 42	155 192	189 317	0 1	495 552	499 570	28 0	93 54	64 74	68 84	0 2	253 214
		NIAPI	235,505	1	27	564	39	0	631	642	4	51	92	38	0	185
		PY1NB	195,435	3	30	258	164	0	455	454	12	51	80	72	0	215
Results by Cour	ntry	нкзјјн	172,640	2	51	290	67	0	410	420	8	66	82	52	0	208
Groups behind ca	lleign denote															
DOK (Germany only		Top Six 1	Multi Operator													
score, QSOs, QTC		Europe														
multiplier.		DR1A	2,952,000	74		1508	251	4	2268	1332		270	226	152	8	820
The abbreviated (rategories	HG1S UU7J	2,023,560 1,918,540	45 84	374 295	1132 793	270 204	2 6	1823 1382	1097 1062	112 208	213 249	210 182	154 134	4 12	693 785
are:	Categories	DQ4T	1,272,930	23		1093	144	1	1530	735	88	156	184	132	2	562
S = Single Opera		DLØCS	1,215,445	68	232	513	146	0	959			195	162	124	0	605
L = Single Operat		DQ4W	1,042,560	36	258	426	177	1	898	1022	104	147	166	124	2	543
M = Multi Operato W = SWL Category)r															
		Top Six 1	Multi Operator													
A dash '-' after	-	Outside 1														
indicates that pa	acket	9K2HN	2,236,950	$\begin{array}{c} 101 \\ 124 \end{array}$	651 305	1155 772	768 698	0 20	2675 1919	2296 1644	$112 \\ 144$	150 126	104 100	84 94	0 16	450 480
		TVET	1 710 240			112				1509	164	138	100	62	10	466
spotting was not		ZX5J 4LØG	1,710,240 1,591,856			1045	272	0	1907							
		ZX5J 4LØG KD4D	1,710,240 1,591,856 1,531,200	211 100	379	1045 1372	272 139	0 0	1907 1913	1607	144	117	104	70	0	435
spotting was not		4LØG KD4D RN9SXX	1,591,856 1,531,200 1,403,530	211 100 183	379 302 437	1372 701	139 406	0 3	1913 1730	1607 1424	140	135	104 98	70 68	4	445
spotting was not		4LØG KD4D	1,591,856 1,531,200	211 100	379 302	1372	139	0	1913	1607	140		104 98	70	-	
spotting was not		4LØG KD4D RN9SXX	1,591,856 1,531,200 1,403,530	211 100 183	379 302 437	1372 701	139 406	0 3	1913 1730	1607 1424	140	135	104 98	70 68	4	445
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (1,591,856 1,531,200 1,403,530 1,398,111	211 100 183	379 302 437	1372 701	139 406	0 3	1913 1730	1607 1424	140	135	104 98	70 68	4	445
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (Europe	1,591,856 1,531,200 1,403,530 1,398,111 Category	211 100 183 38	379 302 437 370	1372 701 563	139 406 672	0 3 4	1913 1730 1647	1607 1424 1612	140 84	135 141	104 98 100	70 68 98	4 6	445 429
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (1,591,856 1,531,200 1,403,530 1,398,111	211 100 183	379 302 437	1372 701	139 406	0 3	1913 1730	1607 1424	140	135	104 98	70 68	4	445
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (Europe	1,591,856 1,531,200 1,403,530 1,398,111 Category	211 100 183 38	379 302 437 370	1372 701 563	139 406 672	0 3 4	1913 1730 1647	1607 1424 1612	140 84	135 141	104 98 100	70 68 98	4 6	445 429
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (Europe DEØMES Top SWL (1,591,856 1,531,200 1,403,530 1,398,111 Category 332,220 Category	211 100 183 38	379 302 437 370	1372 701 563	139 406 672	0 3 4	1913 1730 1647	1607 1424 1612	140 84	135 141	104 98 100	70 68 98	4 6	445 429
spotting was not		4LØG KD4D RN95XX ZW5B Top SWL (Europe DEØMBS Top SWL (Outside)	1,591,856 1,531,200 1,403,530 1,398,111 Category 332,220 Category Europe	211 100 183 38 0	379 302 437 370	1372 701 563 0	139 406 672 0	0 3 4 0	1913 1730 1647 461	1607 1424 1612 217	140 84 0	135 141 0	104 98 100	70 68 98 0	4 6 0	445 429 490
spotting was not		4LØG KD4D RN9SXX ZW5B Top SWL (Europe DEØMES Top SWL (1,591,856 1,531,200 1,403,530 1,398,111 Category 332,220 Category Europe	211 100 183 38	379 302 437 370	1372 701 563	139 406 672	0 3 4	1913 1730 1647	1607 1424 1612	140 84	135 141	104 98 100	70 68 98	4 6	445 429

Europe						RX3QDF	,	" 11,960	72	43			027		60	67	82
Austria						RW1CW RW3AI		" 11,070 " 9,064	49 54	86 49	82 88		P09 Z19		64 68	68 25	72 101
OE6MBG	S	1,303,416	1440	1086	516	RN4CA		" 6,960	80	0	87		F16	" 8,475	75		113
OE1TKW	"	11,160	57	129	60	RX3DCN RV3BQ	I	" 6,020 " 5,616	46 58	40 20	70 72		C12 R09		81 71	18 0	83 113
OE4WWL OE7AJT	" L	600 11,816	17 47	8 164	24 56	UA1CAK		" 4,108	31	48	52		G22		40	133	46
01/101	5	11,010	1,	101	50	RV3QX		" 4,004	52	0	77		U15		64	8	85
Azores	~	0 401	4 17	0	5.2	RX3AGI RA3DGH		" 2,546 " 1,880	38 40	0	67 47		P05 I12		29 68	115 0	42 85
CU2JT	S	2,491	47	0	53	RD4WA	-	" 828	23	0	36		A10		68	0	64
Belarus						RX3MM		" 240	12	0	20		H24		35	40	56
EW3LN	S "	10,234	86		119	RL3QR RK3MWI)	" 45 M 444,205	5 549	0 668	9 365		Y24 F09		35 50	56 20	44 56
EW6AF- EW4DX	Ľ	7,462 7,250	91 48	0 77	82 58	RW3WWW		" 202,824	492	134	324		G06		60	0	62
EU2MM	"	1,044	29	0	36	RK3AWK		" 10,318	42 24	112 0	67 46		X11		18 47	78 0	37 65
Belgium						RZ4NWA	7	" 1,104	24	0	40		M10 S22		42	0	72
OQ1C	S	133,678	465	286	178	Fed. F	lep. o	f Germany					X06		52	0	56
OQ5M	"	18,904	110	168	68	DL5AXX		s 1,207,738	1083	884	614		R22 P51		46 19	0 75	62 30
(ON5ZO) ON5WL	L	6,834	67	0	102	DL7ON DJ6QT-	D04 F62		701 832	972 474			A19		51	0	52
OQ4A	"	2,970	45	0	66	DK5EZ	R29		487		325		P05		38	0	57
ONL383	W	36,270	135	51	195	DL5JS	R01		324	538			F58 G22		49 41	0	44 52
Bulgaria						DJ6T (DH1T1	P04	" 155,194	209	402	254		P51		40	0	50
LZ2PEP	S	36,432	106	308	88	DF3TE	G22	" 145,360	199	433	230		Z25		32	0	51
LZ8A LZ2UZ	" T	90 39,087	9 79	0 224	10	DH2DAM			160	283			U08 M35		29 33	0 0	54 46
LZ1WJ	L "	39,087	5	224	129 15	DJ1AA DJ6OZ	H27 E18		221 295	257 19	206 255	DB7MA	M11	" 1,452	20	24	33
						DH0GHU	J A30	" 79,002	158	260	189		B14 X06		32 28	0 0	42 46
Croatia 9A2EU	L	9,638	45	77	79	DG4DB	027 P01		136		156 156		X08 X23	" 1,288 " 782	28 23	0	46 34
211210	ц	2,030	-1.)	, ,	, ,	DL6EZ DP4N)	R01 B17		167 95		156 100	DL1DBR	017		20	0	39
Czech Repub		114 005	100	005	0.7.5	(DL4NE	R)					~	M10 G11	667 "588	23 21	0	29 28
OK2FD OK2BEN	S "	114,387 14,602	193 98	226 0	273 149	DL5RBF DL1TPY			113 93	138 142	159 129	DF5AU	X22	" 480	16	0	30
OK1KZ	"	8,932	77	0	116	DL7BA	v12		127		128		L14	" 476	17	0	28 24
OK2ABU	" т	8,058 522,792	79 595	0 677		(DL7BA				010	0.5		Z19 Y24	" 432 " 420	18 15	0	24 28
OK1WCF OK4AS	L "	2,850	595	0//	57	DJ6TK DR50)	M03 R29		76 106	212 20	86 167	DL1ARD	X23		11	9	20
OK2-9329	W	7,668	50	58	71	(DG4EG		21,012	100	20	107		U28 T09	" 325 " 240	13 15	0	25 16
Denmark						DL1PT	F37		99		149		X33		11	0	14
OZ2JP	L	3,036	46	0	66	DL6RBH DL2RTI			110 99	18	125 139		T19		9	0	12
OZ1DGQ	"	780	26	0	30	DL4YAC	C25	" 12,566	103	0	122		T19 U15		8 7	0	12 12
Dodecanese						DKOMN) (DK3YI		" 11,968	74	102	68		S28	" 55	5	0	11
SV5DKL	L	3,380	32	20	65	DJ2YE	., R09	" 11,305	95	0	119		X23	" 40	5	0	8
England						DL4UCS			54	79	77	(DGOOKW) DG6LAU	M35	" 8	2	0	4
MOWLF	S	86,560	406	135	160	DJ5VI DF0AW	U15		64	0			T.06	N 0 050 000	0000	1332	820
				100			R29	" 6,656	80	24	04			м 2,952,000			
GOMTN	"	54,000	117	283	135	(DL8DA			80	24	64	DQ4T	F27	" 1,272,930	1530	735	562 605
GOMTN MOERA	"	54,000 96	117 8	283 0	135 12	(DL8DA DC9ZP	W) G10	" 6,592	64	0	103	DQ4T DL0CS	F27	" 1,272,930 " 1,215,445	1530 959	735	605
GOMTN MOERA 2EOPLA G4NXG/M		54,000 96 4,256 1,248	117 8 56 26	283 0 0 0	135 12 76 48	(DL8DA	W) G10 2 R29	" 6,592 " 6,144				DQ4T DL0CS DQ4W DR5X	F27 M15 C12 M11	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413	1530 959 898 749	735 1050 1022 810	605 543 507
GOMTN MOERA 2EOPLA G4NXG/M G6CSY	"	54,000 96 4,256 1,248 1,056	117 8 56 26 24	283 0 0 0 0	135 12 76 48 44	(DL8DA DC9ZP DL8EAQ DL2JAS DL2KUF	G10 G10 R29 G32 V12	" 6,592 " 6,144 " 3,072 " 2,880	64 64 35 48	0 0 29 0	103 96 48 60	DQ4T DL0CS DQ4W DR5X DP3A	F27 M15 C12 M11 A36	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424	1530 959 898 749 797	735 1050 1022 810 751	605 543 507 488
GOMTN MOERA 2EOPLA G4NXG/M	"	54,000 96 4,256 1,248	117 8 56 26	283 0 0 0	135 12 76 48	(DL8DA DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ	G10 G10 R29 G32 V12 A14	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680	64 64 35 48 40	0 0 29 0 0	103 96 48 60 42	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL	F27 M15 C12 M11 A36 C15 S21	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535	1530 959 898 749 797 1011 609	735 1050 1022 810 751 504 982	605 543 507 488 464 385
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD	" L "	54,000 96 4,256 1,248 1,056 672	117 8 56 26 24 21	283 0 0 0 0 0 0	135 12 76 48 44 32	(DL8DA DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML	G10 R29 G32 V12 A14 S07 A19	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736	64 64 35 48 40 38 14	0 29 0 0 9	103 96 48 60 42 40 32	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS	F27 M15 C12 M11 A36 C15 S21 I30	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319</pre>	1530 959 898 749 797 1011 609 515	735 1050 1022 810 751 504 982 702	605 543 507 488 464 385 407
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM	" L "	54,000 96 4,256 1,248 1,056 672 189	117 8 26 24 21 9	283 0 0 0 0 0 0	135 12 76 48 44 32 21	(DL8DA DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP	G10 G10 R29 G32 V12 A14 S07 A19 K32	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 736 " 736	64 64 35 48 40 38 14 19	0 29 0 0 0 9	103 96 48 60 42 40 32 22	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0QD	F27 M15 C12 M11 A36 C15 S21	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822	1530 959 898 749 797 1011 609	735 1050 1022 810 751 504 982	605 543 507 488 464 385 407 362
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX	" L "	54,000 96 4,256 1,248 1,056 672 189	117 8 56 26 24 21 9 364	283 0 0 0 0 0 0 304	135 12 76 48 44 32 21 176	(DL8DA DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML	G10 R29 G32 V12 A14 S07 A19	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396	64 64 35 48 40 38 14	0 29 0 0 9	103 96 48 60 42 40 32	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL DL0QS DL0GD DL1DAW DK0OD	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 481,822 " 440,664 " 168,960	1530 959 898 749 797 1011 609 515 647 600 317	735 1050 1022 810 751 504 982 702 684 432 343	605 543 507 488 464 385 407 362 427 256
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia	" L "	54,000 96 4,256 1,248 1,056 672 189 117,568	117 8 56 26 24 21 9 364	283 0 0 0 0 0 0 304	135 12 76 48 44 32 21 176 673	(DL8DA DC9ZP DL8EAQ DL2JAS DL2LAS DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX	.W) G10 2 R29 3 G32 3 V12 A14 4 S07 A19 K32 I37 R01 5 R01	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160	64 64 35 48 40 38 14 19 12 14	0 29 0 0 0 9 0 0 8 0	103 96 48 60 42 40 32 22 33 16 16	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0QS DL0GD DL1DAW DK00D DK0D	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 131,712	1530 959 898 749 797 1011 609 515 647 600 317 191	735 1050 1022 810 751 504 982 702 684 432 343 481	605 543 507 488 464 385 407 362 427 256 196
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD M0MCX M4UM Estonia ES5TV ES5RIM	" L " " S	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168	117 8 56 26 24 21 9 364 1869	283 0 0 0 0 0 304 1340	135 12 76 48 44 32 21 176 673	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ	.W) G10 2 R29 3 G32 7 V12 A14 4 S07 A19 K32 I37 R01 C R01 O32	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159	64 64 35 48 40 38 14 19 12 14 10 384	0 29 0 0 9 0 0 8 0 835	103 96 48 60 42 40 32 22 33 16 16 261	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL DL0QS DL0GD DL1DAW DK0OD DK0D DK2R DL0LSW	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28	" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276	605 543 507 488 464 385 407 362 427 256 196 230 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU	" L " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,248 1,056 672 189 117,568 2,159,657 168 22,176	117 8 56 26 24 21 9 364 1869 12	283 0 0 0 0 304 1340 0	135 12 76 48 44 32 21 176 673 14	(DL8DA DC9ZP DL8EAQ DL2JAS DL2LAS DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX	.W) G10 2 R29 3 G32 3 V12 A14 4 S07 A19 K32 I37 R01 5 R01	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 736 " 418 " 396 " 418 " 396 " 160 L 318,159 " 280,460	64 64 35 48 40 38 14 19 12 14	0 29 0 0 9 0 0 8 0 835 431	103 96 48 60 42 40 32 22 33 16 16	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL DL0QS DL0GD DL1DAW DK0OD DK0D DK2R DL0LSW DL0BOV	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28 O04	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 1,042,560 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92	605 543 507 488 464 385 407 362 427 256 196 230 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL	" L " " " S : aly	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478	117 8 56 24 21 9 364 1869 12 132 83	283 0 0 0 0 304 1340 0 0 0	135 12 76 48 44 32 21 176 673 14	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA3 DK5DQ DJ3JB DK3W (DL6MF	.W) G10 2 R29 3 G32 4 V12 A14 4 S07 A19 K32 R01 C R01 C R01 C 032 M09 W37 W)	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865	64 64 35 48 40 38 14 19 12 14 10 384 309 271	0 29 0 0 0 9 0 0 8 35 431 674	103 96 48 60 42 40 32 22 33 16 16 261 379 257	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0QS DL0GD DK0D DK0D DK0D DK0D DK0D DK0D DK0D D	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 112,700 " 38,232 " 36,450</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU	" L " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,248 1,056 672 189 117,568 2,159,657 168 22,176	117 8 56 26 24 21 9 364 1869 12	283 0 0 0 0 304 1340 0	135 12 76 48 44 32 21 176 673 14	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W	.W) G10 2 R29 3 G32 4 V12 A14 4 S07 A19 K37 R01 3 R01 0 32 M09 W37	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944	64 64 35 48 40 814 19 12 14 10 384 309 271 237	0 29 0 0 9 0 8 35 431 674 497	103 96 48 60 42 40 32 22 33 16 16 261 379	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL DL0QS DL0GD DL1DAW DK0D DK0D DK0D DK0Z DL0LSW DL0LSW DL0BOV DM7P DL4SM DF2FM	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28 O04 Y09 X30 F36	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81	735 1050 1022 810 751 982 702 684 432 343 481 309 276 92 95 104 236	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 158 100
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF	" L " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248	117 8 56 24 21 9 364 1869 12 132 83 99 117 56	283 0 0 0 0 304 1340 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T	.W) G10 2 R29 3 G32 3 V12 A14 4 S07 A19 K32 I37 R01 C R01 C R01 C R01 C R01 C R01 C R01 C R02 M09 W37 W) F62 M11 S22	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176	0 29 0 0 9 0 0 8 35 431 674 497 560 479	103 96 48 60 42 22 33 16 16 261 379 257 316 274 201	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28 O04 Y09 X30	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130	735 1050 1022 810 751 982 702 684 432 343 481 309 276 92 95 104 236	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 158
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZSDKF IZ8FDG	" L " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622	117 8 56 24 9 364 1869 12 132 83 99 117 56 37	283 0 0 0 0 304 1340 0 0 16 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUE DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA2 DK5DQ DJ3JB DK3W (DL6ME DJ8OG DJ9MT DA3T DJ10J	.W) G10 2 R29 3 G32 3 V12 A14 4 S07 A19 K32 I37 R01 3 R01 3 R01 3 R01 3 R01 4 R01 5 R01 5 R01 5 R02 M09 W37 F02 K32 C25	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136	0 29 0 0 9 0 0 8 35 431 674 497 560 479 299	103 96 48 60 42 22 33 16 16 261 379 257 316 274 201 154	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4IO	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y28 O04 Y09 X30 F36 G09	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,624 " 168,960 " 131,712 " 112,700 " 112,700 " 36,123 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 8,556</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 9	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 158 100 182 78 93
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZOBNR	" L " " " S S S " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 84	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 2 7	283 0 0 0 0 304 1340 0 0 0 16 0 0 20 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 62 12	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T	.W) G10 2 G22 3 G22 3 V12 A14 4 S07 A19 137 R01 3 R01 3 R01 3 R01 5 R01 6 R01 6 R01 137 C22 C22	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176	0 29 0 0 9 0 0 8 35 431 674 497 560 479 299	103 96 48 60 42 22 33 16 16 261 379 257 316 274 201	DQ4T DL0CS DQ4W DR5X DP3A DK0OG DM5EL DL0QS DL0GD DL1DAW DK0D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4IO DK4IO DK0K DL9LR	F27 M15 C12 M11 A36 C15 S21 I30 H04 C15 S21 U14 Y28 O04 Y29 X30 F36 G09 A36 X36 L11	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 8,556 " 3,648</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81 153 65 83 43	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14 \end{array}$	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ESSTV ESSTN ESSTN ESSTN ESSTN IZOBVU IK2EGL IZ2SVA IK22SND IZ5DKF IZ8FDG IK2IKW IZOBNR IK0EIE	" L " " " " S S " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 32 7 215	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 62 12 271	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MH DJ8OG DJ9MT DA3T DJ10J DR4G (DJ0GN DL4AW2	.W) G10 C30 C30 C30 C30 C30 C30 C30 C3	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126	0 29 0 0 0 0 0 0 8 35 4 31 674 497 560 479 299 0 259	103 96 48 60 42 22 23 31 6 16 261 379 257 316 274 201 154 215 165	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL0D DK0D DK0D DK0D DK0D DL0LSW DL0BOV DM7P DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4T0 DK0WK DL9LR DL0C	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 T21 U14 Y09 X30 F36 G09 A36 X36	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 8,556 " 3,648 " 3,000</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81 153 85 83	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 9	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 158 100 182 78 93
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZOBNR	" L " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 84	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 2 7	283 0 0 0 0 304 1340 0 0 0 16 0 0 20 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 62 12	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM	.W) G10 C32 G32 V12 A14 J507 A19 K32 I37 R01 C32 M09 W37 W) F62 M11 S22 C25 C22 I)	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 55,092	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 237 237 237 237 237 237 237 237 237	0 299 0 0 0 8 35 431 674 497 579 299 0 259 268	103 96 48 60 42 22 33 16 6 6 261 379 257 316 274 201 154 215	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK2R DL0LSW DL0LSW DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4I0 DK0K DL0LR DL0C DL0RCR DL0C DL0RCR DL9CS	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C21 U14 Y28 O04 Y09 A36 G09 A36 G09 A36 L11 Y13 B13 M11	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 165,124 " 38,232 " 36,450 " 33,022 " 36,450 " 33,022 " 3,648 " 9,984 " 8,556 " 3,648 " 3,040 " 1,173 " 312</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 1816 144 130 105 813 65 83 43 50 012 13	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14\\ 0\\ 39\\ 0\\ \end{array}$	$605 \\ 543 \\ 507 \\ 488 \\ 464 \\ 385 \\ 407 \\ 256 \\ 196 \\ 230 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 23 \\ 24$
GOMTN MOERA 2E0PLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZ0BVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SGW) I2WIJ	" L " " " S S " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200	117 8 56 26 24 21 9 364 1869 12 132 83 99 117 56 37 7 215 84 40	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 66 44 40 58 62 12 271 90 66	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA3 DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AW DK1QC DJ0VZ DJ9VZ	.W) G10 G2 G32 V12 A14 V12 A14 V37 R01 C32 M09 W37 W37 W1 F62 M11 S22 C25 C25 C25 C25 C25 C25 C25 C	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 418 " 396 " 418 " 590" " 418 " 590" " 418 " 590" " 418 " 590" " 66,990" " 63,525 " 56,092" " 50,244 " 66,200" " 50,244 " 66,200" " 50,244 " 66,200" " 50,244 " 46,200" " 50,244 " 46,200"	64 64 35 48 40 38 14 10 271 237 238 176 136 301 126 111 144	0 29 0 0 0 0 0 0 0 0 8 35 4 31 674 497 560 479 299 0 259 268 174 279	103 96 48 60 42 22 33 16 22 23 33 16 257 257 316 274 201 154 215 148 158 120	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK0D DK0D DK0D DK0D DK2R DL0LSW DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4IO DK4IO DK4IO DK4IO DK0KK DL9LR DL9LR DL9CS DL8NCR DJ9CS DL8NAS	F27 M15 C12 M11 A36 C15 S21 I30 H04 O47 C06 U14 Y28 O04 Y09 X30 G09 A36 C36 G09 A36 C36 S21 U14 Y13 B13 M11 B13	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,042 " 3,000 " 1,173 " 312</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 123 10	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 9\\ 9\\ \end{array}$	605 543 507 488 464 385 407 362 2256 196 230 162 158 100 182 78 93 64 60 233 24 16
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL IZSVA IK2SND IZ5DKF IZ8FDG IK2IKW IZOBNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG	" L " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200 13,100	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 32 7 215 84 40 100	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 673 14 168 66 44 40 58 46 62 12 271 90 66 131	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2VUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAY DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AWP DK1QC DJ0VZ DL9GM DJ6BQ	.W) G10 G20 G22 V12 A14 J S07 A14 J S07 A14 J S07 R01 C022 M09 W37 W) F62 M11 S22 C25 C22 I) A16 H19 G22 J V11 I18	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 418 " 396 " 418 " 396 " 418 " 396 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 55,092 " 50,244 " 46,200 " 41,019	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 96	0 0 29 0 0 0 0 0 0 8 35 431 674 497 560 479 299 0 259 268 174 279 267	103 96 48 60 42 22 33 16 6 6 6 261 379 257 316 274 201 154 215 165 148 158 158 120 113	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DL0BOV DM7P DL4SM DL0AD DK4I0 DK4I0 DK0K DL9LR DL0C DL9CS DL9CS DL9CS DL9CS DL9CS DL8NAS DK2NE DE0MBS	F27 M15 C12 M11 A36 C15 S21 I30 O47 C06 T21 V28 O04 Y09 X306 X36 G09 A36 G09 A36 X36 LV13 B13 B13 B13	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 3,648 " 3,000 " 1,173 " 312 " 304 " 144</pre>	1530 959 898 749 797 1011 609 515 600 317 191 126 144 130 105 81 153 65 83 43 50 12 13 10 9 461	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 10\\ 63\\ 9\\ 14\\ 0\\ 39\\ 0\\ 39\\ 0\\ 0\\ 217 \end{array}$	$605 \\ 543 \\ 507 \\ 488 \\ 464 \\ 385 \\ 407 \\ 256 \\ 196 \\ 230 \\ 162 \\ 162 \\ 162 \\ 162 \\ 182 \\ 78 \\ 93 \\ 61 \\ 232 \\ 416 \\ 16 \\ 490 \\ 16 \\ 16 \\ 490 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 1$
GOMTN MOERA 2E0PLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZ0BVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SGW) I2WIJ	" L " " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200	117 8 56 26 24 21 9 364 1869 12 132 83 99 117 56 37 7 215 84 40	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 66 44 40 58 62 12 271 90 66	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA3 DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AW DK1QC DJ0VZ DJ9VZ	.W) G10 G2 G32 V12 A14 V12 A14 V37 R01 C32 M09 W37 W37 W1 F62 M11 S22 C25 C25 C25 C25 C25 C25 C25 C	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 55,044 " 46,200 " 41,019 " 37,855	64 64 35 48 40 38 14 10 271 237 238 176 136 301 126 111 144	0 0 29 0 0 0 0 0 0 0 8 335 431 674 497 560 479 299 0 259 268 174 279 267 246	103 96 48 60 42 22 33 16 22 23 33 16 257 257 316 274 201 154 215 148 158 120	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DL0BOV DM7P DL4SM DL0BOV DM7P DL4SM DL0AD DK4I0 DK4I0 DK4I0 DK0K DL9LR DL0C DL8NCR DJ9CS DL8NAS DK2NE DE0MBS DE1NCH	F27 M15 C12 M11 L30 C15 S21 L30 O04 C06 T21 U14 V09 X30 C06 T21 U14 Y09 X30 G09 A36 C36 G09 A36 S36 L11 B13 B13 H11 F19	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 1,042,560 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 481,822 " 36,450 " 131,712 " 36,450 " 33,022 " 36,450 " 33,022 " 36,450 " 33,020 " 1,173 " 31,700 " 1,173 " 312 " 304 " 144 W 332,220 " 46,031</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 181 126 144 130 105 81 153 65 81 153 65 83 43 50 12 13 10 9	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 10\\ 63\\ 9\\ 14\\ 0\\ 39\\ 0\\ 39\\ 0\\ 0\\ 217 \end{array}$	
GOMTN MOERA 2E0PLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZ0BVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK2EFG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IT9BLB	" L " " " S S " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200 13,100 13,100 11,869 3,604 260	117 8 56 26 24 21 9 364 1869 12 132 83 99 117 56 37 7 215 84 40 100 143 53 13	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 673 14 168 66 44 40 58 66 42 12 271 90 66 131 83 68 20	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA3 DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AW DK1QC DJ0VZ DL9GMN DJ6BQ DL9GMN DJ6BQ DL9GMN	W) G10 G10 R29 C22 V12 A14 S07 A12 S17 R01 G32 W37 W09 F62 M11 S22 C25 C25 C22 I) G22 I) G22 I) G23 M11 S24 S22 C25 C25 C225 I) G22 I) G24 K106 H19 G22 I I I18 O4 E38 J C12	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 418 " 396 " 418 " 596 " 418 " 596 " 66,990 " 64,715 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 41,019 " 37,855 " 36,240 " 41,019 " 37,855 " 36,240 " 37,855 " 36,240 " 37,855 " 36,240 " 37,855 " 36,240 " 33,550	64 64 35 48 40 38 19 12 14 10 384 309 271 238 176 136 136 1301 126 111 44 106 96 89 9113 60	0 29 0 0 0 0 0 8 35 431 674 497 560 479 299 268 174 279 268 174 279 2267 2466	103 96 48 60 42 22 33 16 261 379 257 316 274 201 154 215 148 120 113 113 120 110	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK0D DK0D DK0D DK0D DK0D DK0D DK0ZR DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4I0 DK4I0 DK4I0 DK0K DL9LR DL9LR DL9LR DL9CS DL8NAS DL8NAS DK2NE DE0MBS DE1NCH DL-P01-1	F27 M15 C12 M11 L30 C15 S21 L30 O04 C06 T21 U14 V09 X30 C06 T21 U14 Y09 X30 G09 A36 C36 G09 A36 S36 L11 B13 B13 H11 F19	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,048 " 3,000 " 1,173 " 312 " 304 " 144 W 332,220</pre>	1530 959 898 749 797 1011 609 515 600 317 191 126 144 130 105 81 153 65 83 43 50 12 13 10 9 461	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 925\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 0\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 14\\ 0\\ 39\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL IZSVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IT9BLB IZ0GYP	" L " " " S S " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200 13,100 11,869 3,604	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 215 84 40 100 143 53	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 673 14 168 66 44 40 58 46 62 271 90 66 131 83 68	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2VUF DJ4EJU DM7ML DL7PP DF5BX DM1EM DH7YAY DK5DQ DJ3JB DK3W (DL6MF DJ8OG DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AWP DK1QC DJ0VZ DL9GM DJ6BQ DL9GM DJ6BQ DL9EQ	W) G10 G10 R29 G32 V12 A14 S07 A19 K32 I37 R01 C032 W09 W37 W12 M09 K32 M09 W37 W1 S22 C25 C25 C25 C25 C25 C25 C25 C25 U V11 S06 H19 G22 U U V11 I18 004 E384 C12	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 418 " 396 " 418 " 396 " 418 " 396 " 280,460 " 242,865 " 242,865 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 55,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 99 113	0 0 29 0 0 0 0 0 0 0 8 3 5 4 3 1 6 7 4 4 9 7 5 6 0 4 7 9 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 6 6 261 379 257 316 274 201 154 215 165 148 158 150 113 113 120 103	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK0D DK0D DK0D DK2R DL0LSW DL0EOV DM7P DL4SM DF2FM DL0AD DK4IO DK4IO DK0K DL9LR DL0C DL8NCR DL9CS DL8NCR DJ9CS DL8NCR DL9CS DL8NCR DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 U14 Y28 O04 Y22 Y09 X30 F36 G09 A36 C111 Y13 B13 B13 B13 F19 F291	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 31,700 " 37,846 " 3,022 " 31,700 " 27,846 " 3,048 " 3,000 " 1,173 " 312 " 304 " 144 W 332,220 " 46,031 " 17,825</pre>	$\begin{array}{c} 1530\\ 959\\ 898\\ 749\\ 797\\ 1011\\ 609\\ 515\\ 647\\ 600\\ 317\\ 191\\ 126\\ 144\\ 130\\ 105\\ 81\\ 153\\ 65\\ 83\\ 43\\ 50\\ 12\\ 13\\ 10\\ 9\\ 461\\ 150\\ \end{array}$	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 925\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 0\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 0\\ 39\\ 14\\ 14\\ 0\\ 39\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$	$605 \\ 543 \\ 507 \\ 464 \\ 385 \\ 407 \\ 256 \\ 196 \\ 230 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 162 \\ 161 \\ 23 \\ 24 \\ 16 \\ 160 \\ 241 \\ 2$
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GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ESSTV ESSTN ESSTN IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0ENR IK0EIE II1M (IK1SOW) IZWIJ IZ3GNG IZ5EBL IZ0BTV IT9BLB IZ0GYP IK2AIT/2 European Ru RWIAC RUGLA UA4LU	" L " " S S Caly S " " L " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 58,265 27,990 13,200 13,200 13,200 13,200 13,200 13,200 2,003,508 637,032 203,250	117 8 56 24 21 9 364 1869 12 132 83 99 117 56 37 32 7 215 84 40 100 143 53 13 1 0	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 62 12 271 90 66 131 83 68 20 2 0 702 508 271	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MH DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GN DL4AW2 DK1QC DJ0VZ DL9GMN DJ6EQ DL4EQ DL2NEU DL3AWE DJ3IW DL4FF DM4D (DL1BU	W) G10 G10 G10 R29 K29 V12 A14 V507 K12 A14 S07 K12 I37 R01 G22 K32 K37 R01 G22 K09 W37 W) F62 M19 G22 C25 C25 U13 S04 F05 X18 F05 Y18 F36 F36 I S53	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 25,359 " 24,708 " 21,375 " 18,928</pre>	64 64 35 48 40 38 14 19 12 14 10 384 10 389 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125 121	0 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 261 379 257 316 261 379 257 316 261 379 257 316 154 201 154 201 154 215 148 158 120 103 103 103 107 116 98 171 104	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4IO DK4IO DK4IO DK4IO DL9LR DL0C DL8NCR DL9CS DL8NCR DL9CS DL8NAS DK2NE DE0MES DE1NCH DL-P01-1 DE2SAT Finland OH2KW	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 U14 Y28 O04 Y22 Y09 X30 F36 G09 A36 C111 Y13 B13 B13 B13 F19 F291 P01 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 31,700 " 27,846 " 36,450 " 3,022 " 31,700 " 27,846 " 3,048 " 3,000 " 1,173 " 312 " 304 " 144 W 332,220 " 46,031 " 17,825 " 96</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 12 150 150 115 8 81	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 92 95 104 236 0 63 9 914 0 99 14 0 99 0 217 41 0 0	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZSDKF IZ8FDG IK2IKW IZOBNR IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IZ0BN IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2IKW IZ0BNR IK2 IX0 IX0 IX0 IZ0BNR IK2 IX0 IX0 IX0 IX0 IX0 IX0 IX0 IX0 IX0 IX0	" L " " S S Caly S " " L " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 5,060 4,680 3,248 8,265 27,990 13,200 13,100 13,100 13,100 13,100 2,003,508 637,032 203,250 89,362	117 8 56 26 24 21 9 364 1869 12 132 83 99 117 56 37 32 7 215 84 40 100 143 53 13 1 1 0 1345 632 298 183	283 0 0 0 0 0 0 0 0 304 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 673 14 168 66 44 40 58 66 12 271 90 66 131 83 68 20 2 0 702 508 271 182	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2LAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAS DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GN DL4AW DK1QC DJ0VZ DL9GMN DJ6BQ DK2WC DL4MG DL2NBU DL3AWE DJ3IW DL4FF DM4D (DL1BE DK9ZQ DM3HZN DL4RCF	W) G10 R29 R29 G30 R12 A14 V12 A14 V12 A14 V12 A14 V12 A19 K32 I37 R01 C02 M09 W37 W1 F62 C22 I) C22 I) G22 I) G22 I) G23 G1 G1 G1 G1 G1 G1 S1 G1 S23 G1 S53 G1 S53 G1 S53 G1 S53 G1 S53	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 25,359 " 24,708 " 23,324 " 21,375 " 18,928 " 17,800</pre>	64 64 35 48 40 38 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125	0 29 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 261 379 257 316 274 201 154 215 148 120 113 115 48 120 113 115 48 120 110 103 107 116 89	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK0D DK2R DL0LSW DL0BOV DM7P DL4SM DL0AD DK4IO DK4IO DK4IO DK4IO DK4IO DK4IO DL9LR DL9LR DL9LR DL9LR DL9LR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NAS DK2NE DE0MBS DE1NCH DL-P01-1 DE2SAT Finland OH2KW OH8CZQ OH1AL France	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 T21 Y28 O04 Y29 A36 G09 A36 G09 A36 C11 Y13 B13 B13 F19 F291 P01 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,648 " 3,000 " 1,173 " 312 " 304 " 144 W 332,220 " 46,031 " 17,825 " 96 S 19,404 " 1,040 " 322</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 122 133 10 9 461 150 115 8 8 105 26 4	$\begin{array}{c} 735\\ 1050\\ 1022\\ 810\\ 751\\ 504\\ 982\\ 702\\ 684\\ 432\\ 343\\ 481\\ 309\\ 276\\ 92\\ 95\\ 104\\ 236\\ 0\\ 63\\ 9\\ 9\\ 104\\ 236\\ 0\\ 63\\ 9\\ 14\\ 0\\ 9\\ 0\\ 217\\ 41\\ 0\\ 0\\ 9\\ 0\\ 217\\ 41\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IT9BLB IZ0GYP IK2AIT/2 European Ru RW1AC RU6LA UA4LU RK3QS RN30G UA4NC	" L S S T Y S T L T S S T T S S T T T S S T T T T T	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 58,265 27,990 13,200 13,100 11,869 3,604 260 20,3508 637,032 203,250 89,362 20,3250 89,362 20,494	117 8 56 26 24 21 9 364 1869 12 132 83 9 117 56 37 32 7 215 84 40 100 143 53 13 100 143 53 13 100 143 53 13 54	283 0 0 0 0 0 0 0 0 0 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 212 271 90 66 131 83 68 20 2 0 702 508 271 182 175 106	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2LAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DJ7YAY DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL9MT DL4AWP DK1QC DJ0VZ DL9GM DL4AWP DK1QC DL9GM DJ6BQ DL4AWP DL4EG DL2NEB DL3AWF DL3WF DL3WF DL3WF DL4FF DM4D (DL1BU CK9ZQ DM3HZD DL4RCF DH6DAC DL9NEJ	W) G10 G10 G10 C10 G10 C11 G12 C12 V12 A14 S07 K32 I37 R01 G12 C137 R01 C20 M09 W37 W1 S22 C25 C25 C22 U1 S22 C1 X06 H19 G22 U13 F05 V11 I18 O04 E38 G1 S53 U13 F05 V18 G1 S18 S13 G2 S13 G1 S53 G2 S13 G3 S13 G4 S53 G3 S13 G4 S13 G5 S13 G4 S13 G5 S13 G4 S13 G5 S13 G4 S13	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 1,680 " 1,520 " 418 " 396 " 418 " 396 " 418 " 396 " 418 " 396 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 41,019 " 37,855 " 36,240 " 21,375 " 18,928 " 22,359 " 24,708 " 21,375 " 18,928 " 17,806 " 17,336 " 15,752</pre>	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125 121 65 870	0 0 29 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 6 6 6 261 379 257 316 274 201 154 215 165 148 158 152 148 158 120 113 113 120 103 107 116 98 171 104 88 88 88 88	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL0GD DK2R DL0LSW DL0LSW DL0LSW DL0LSW DL0LSW DL0BOV DM7P DL45M DF2FM DL0AD DK4IO DK4IO DK4IO DL4SM DF2FM DL0AD DK4IO DL4SM DF2FM DL0AD DK4IO DL9CS DL8NCR DJ9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL8NCS DC8NS DC8	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 T21 Y28 O04 Y29 A36 G09 A36 G09 A36 C11 Y13 B13 B13 F19 F291 P01 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 8,556 " 3,648 " 3,000 " 1,173 " 11,73 " 212,846 " 3,000 " 1,173 " 117,825 " 96 \$ 19,404 " 1,040 " 32 \$ 63,180</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 126 144 130 105 81 153 65 83 43 50 12 13 10 150 150 115 8 461 150	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 92 95 104 236 0 63 9 914 0 9 217 41 0 9 217 41 0 0	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ESSTV ESSRIM European It IZOBVU IK2EGL IZSVA IK2SND IZSDKF IZ8FDG IK2IKW IZOBNR IK0EIE II1M (IK1SOW) IZWIJ IZ3GNG IZ5EBL IZOBTV IT9BLB IZOGYP IK2AIT/2 European Ru RWIAC RUGLA UA4LU RK3QS RN3OG UA4NC UA3QDX	" L S S T Y S T L T S S T T S S T T T S S T T T T T	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 58,265 27,990 13,200 13,100 11,869 3,604 260 2,003,508 637,032 203,250 89,362 56,350 10,494 7,965	117 8 56 24 21 9 364 1869 12 1322 83 99 117 56 37 32 7 215 84 40 100 143 53 13 13 0 1345 632 298 183 16 48 48 48 48 48 48 48 48 48 48	283 0 0 0 0 0 0 0 0 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 62 12 271 90 66 131 83 68 20 2 0 702 508 271 182 176 59	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2VUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YAX DK5DQ DJ3JB DK3W (DL6MH DJ80G DJ9MT DA3T DJ10J DR4G (DJ0CM DL4AW2 DK1QC DJ0VZ DL9GM DJ6BQ DL4EQ DL4EQ DL2NBU DL3AWE DJ3IW DL4FF DM4D (DL1BE DK9ZQ DM3HZN DL4RCC DH9EJ DL4RCC	W) G10 G10 G10 G10 G10 R29 G22 V12 A14 J S07 K32 I37 R01 G32 W37 R01 C25 G22 W09 W37 W1 S22 C25 C25 C25 C25 C25 C25 W1 S22 C25 U13 G04 E38 U13 F05 V18 G04 F36 S33 G1 S53 U13 F05 G1 S53 U13 F05 G1 S53 U13 F05 G1 S53 G1 S53	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 418 " 396 " 418 " 396 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 24,708 " 22,324 " 21,375 " 18,928 " 7,800 " 17,360 " 15,752 " 13,870	64 64 35 48 40 38 14 19 12 14 10 384 10 389 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125 121 65 68 080 80	0 0 29 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 261 379 257 316 261 379 257 316 215 165 148 158 120 113 113 120 110 103 107 116 88 88 88 85	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK00D DK2R DL0LSW DL0BOV DM7P DL4SM DL0BOV DM7P DL4SM DL0AD DK4IO DK4IO DK4IO DK4IO DK4IO DK4IO DK0KK DL9LR DL0C DL8NCR DL9LR DL0C DL8NCR DL9CS DL8NAS DK2NE DE0MBS DE1NCH DL-P01-1 DE2SAT Finland OH2KW OH8CZQ OH1AL France	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 T21 Y28 O04 Y29 A36 G09 A36 G09 A36 C11 Y13 B13 B13 F19 F291 P01 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,648 " 3,000 " 1,173 " 312 " 304 " 144 W 332,220 " 46,031 " 17,825 " 96 S 19,404 " 1,040 " 322</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 122 133 10 9 461 150 115 8 8 105 26 4	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 92 95 104 236 0 63 9 914 0 9 217 41 0 9 217 41 0 0	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IT9BLB IZ0GYP IK2AIT/2 European Ru RW1AC RU6LA UA4LU RK3QS RN30G UA4NC	" " " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 58,265 27,990 13,200 13,100 11,869 3,604 260 20,3508 637,032 203,250 89,362 20,3250 89,362 20,494	117 8 56 26 24 21 9 364 1869 12 132 83 9 117 56 37 32 7 215 84 40 100 143 53 13 100 143 53 13 100 143 53 13 54	283 0 0 0 0 0 0 0 0 304 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	135 12 76 48 44 32 21 176 673 14 168 66 44 40 58 46 212 271 90 66 131 83 68 20 2 0 702 508 271 182 175 106	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2LAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DJ7YAY DK5DQ DJ3JB DK3W (DL6MF DJ80G DJ9MT DA3T DJ10J DR4G (DJ0GM DL9MT DL4AWP DK1QC DJ0VZ DL9GM DL4AWP DK1QC DL9GM DJ6BQ DL4AWP DL4EG DL2NEB DL3AWF DL3WF DL3WF DL3WF DL4FF DM4D (DL1BU CK9ZQ DM3HZD DL4RCF DH6DAC DL9NEJ	W) G10 G10 G10 C10 G10 C11 G12 C12 V12 A14 S07 K32 I37 R01 G12 C137 R01 C20 M09 W37 W1 S22 C25 C25 C22 U1 S22 C1 X06 H19 G22 U13 F05 V11 I18 O04 E38 G1 S53 U13 F05 V18 G1 S18 S13 G2 S13 G1 S53 G2 S13 G3 S13 G4 S53 G3 S13 G4 S13 G5 S13 G4 S13 G5 S13 G4 S13 G5 S13 G4 S13	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 418 " 3966 " 352 " 160 L 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 21,375 " 18,928 " 17,800 " 17,336 " 15,752 " 13,566</pre>	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125 121 65 870	0 0 29 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 261 379 257 316 274 201 154 215 165 148 120 113 115 125 148 120 113 104 100 100 103 107 116 104 88 88 88 88 88 88 88 55 133	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK0DD DK2R DL0LSW DL0BOV DM7P DL4SM DL0LSW DL0BOV DM7P DL4SM DL0AD DK0R DL9LR DL0AD DK4IO DK4IO DL9LR DL9	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 C01 U14 Y28 O04 Y22 U14 Y28 C04 F36 G09 X30 F36 G09 AX36 L11 Y13 B13 B13 F19 F291 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,648 " 3,000 " 27,846 " 3,648 " 3,000 " 1,173 " 312 " 304 " 1,44 W 332,220 " 46,031 " 17,825 " 96 S 19,404 " 1,040 " 322 S 63,180 " 15,240 " 1,200 L 38,960</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 123 150 150 150 115 8 105 26 4 250 120 25 248	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 9 9 14 0 9 9 14 0 9 9 0 217 41 0 0 9 30 0 0 101 0 0 239	605 543 507 488 464 385 407 362 427 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IZ9EBL IZ0BTV IT9BLB IZ0GYP IK2AIT/2 European Ru RW1AC RU6LA UA4LU RK3QS RN3OG UA4NC UA3QDX RA12M/0 UA4FER RW4PL	" L " " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200 13,100 11,869 3,604 260 203,508 637,032 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 89,362 203,250 89,362 80,350 80,550 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 8	$117 \\ 8 \\ 56 \\ 24 \\ 21 \\ 9 \\ 364 \\ 1869 \\ 12 \\ 132 \\ 83 \\ 99 \\ 117 \\ 56 \\ 37 \\ 215 \\ 84 \\ 40 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 13 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 53 \\ 110 \\ 100 \\ 143 \\ 13 \\ 100 \\ 143 \\ 13 \\ 100 \\ 143 \\ 13 \\ 100 \\ 144 \\ 100 \\ 144 \\ 100 \\ 10$	283 0 0 0 0 0 0 0 0 0 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 135\\ 12\\ 76\\ 48\\ 44\\ 32\\ 21\\ 176\\ 673\\ 14\\ 168\\ 66\\ 44\\ 40\\ 58\\ 462\\ 12\\ 271\\ 90\\ 66\\ 131\\ 83\\ 68\\ 20\\ 2\\ 0\\ 702\\ 508\\ 271\\ 182\\ 175\\ 106\\ 59\\ 4315\\ 174\\ \end{array}$	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DJ7YAY DK5DQ DJ3JB DK3W (DL6MF DJ30G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AWP DK1QC DJ0VZ DL9GM DJ6BQ DL4AWP DL4EQ DL4RE DL3AWE DJ3IW DL4FF DM4D (DL1BU DL3IW DL4FF DM4D (DL1BU CK9ZQ DM3HZD DL4ACE DH6DAC DL9NE1 DL60AE DH6DAC	W) G10 G10 G10 G20 V12 A14 V12 M09 W37 R01 S22 C25 C22 W1 S22 C21 V11 I18 O04 E38 G1 S33 V11 I18 O04 F36 I S12 S23 V11 I18 G04 F36 I S23 S24 S25 S33 S33 S33 S34	" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 736 " 418 " 396 " 352 " 160 L 318,159 " 280,460 " 242,865 " 242,865 " 242,865 " 242,865 " 242,865 " 242,865 " 66,990 " 64,715 " 63,525 " 66,990 " 64,715 " 63,525 " 55,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 25,359 " 24,708 " 23,324 " 21,375 " 18,928 " 17,800 " 17,336 " 13,560 " 13,560 " 13,560 " 13,560	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 96 89 113 00 70 101 88 70 125 121 65 870 80 102 80 102 850	0 0 29 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 6 6 6 274 201 154 215 165 148 158 120 113 113 120 103 107 116 98 171 104 89 88 88 88 95 133 130 61	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL1DAW DK0DD DK2R DL0LSW DL0BOV DM7P DL4SM DF2FM DL0AD DK4I0 DK4I0 DK4I0 DL4SM DL9LR DL9LR DL9LR DL9LR DL9C DL8NAS DL9KW DL9LR DL9C DL8NAS DL9CS DL8NAS DK2NE DE0MBS DE1NCH DL-P01-1 DE2SAT Finland OH2KW OH8GZQ OH1AL France F4DNW F5BBD F4CPF	F27 M15 C12 M11 A36 C15 S21 H04 O47 C06 C01 U14 Y28 O04 Y22 U14 Y28 C04 F36 G09 X30 F36 G09 AX36 L11 Y13 B13 B13 F19 F291 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,648 " 3,000 " 1,173 " 312 " 304 " 1,44 W 332,220 " 46,031 " 17,825 " 96 S 19,404 " 1,040 " 322 S 63,180 " 15,240 " 1,200 L 38,960 " 29,472</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 126 144 130 105 81 153 65 81 153 65 83 43 50 122 13 10 9 461 150 115 8 8 105 26 4 4 250 120 25 8 248 99	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 9 14 0 0 9 14 0 9 9 14 0 9 9 14 0 9 9 14 0 0 9 9 0 9 14 0 0 9 10 10 21 70 20 684 432 343 481 0 9 276 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 9 2 9 5 10 4 10 4 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ESSTV ESSRIM European It IZOBVU IK2EGL IZSVA IK2SND IZSDKF IZBFDG IK2IKW IZOBNR IK0EIE II1M (IK1SOW) IZWIJ IZ3GNG IZ5EBL IZOBTV IT9BLB IZOGYP IK2AIT/2 European Ru RW1AC RU6LA UA4LU RK3QS RN3OG UA4NC UA3QDX RA12M/0 UA4FER RW4PL RA6AFB	" L " " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 22,176 5,478 5,060 4,680 3,248 2,622 1,984 58,265 27,990 13,200 13,100 11,869 3,604 260 203,250 89,362 56,350 10,494 7,965 4 355,320 95,526 72,924	117 8 56 26 24 21 9 364 1869 12 132 83 99 117 56 37 32 7 215 84 40 100 143 53 13 100 143 53 13 100 143 53 13 100 143 53 13 100 143 53 13 100 143 53 13 100 143 53 13 100 143 100 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 100 143 122 154 122 155 123 123 123 123 123 123 123 123 123 123	283 0 0 0 0 0 0 0 0 1340 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 135\\ 12\\ 76\\ 48\\ 44\\ 32\\ 21\\ 176\\ 673\\ 14\\ 168\\ 66\\ 44\\ 40\\ 58\\ 46\\ 62\\ 12\\ 271\\ 90\\ 66\\ 131\\ 83\\ 68\\ 20\\ 0\\ 702\\ 508\\ 271\\ 182\\ 176\\ 59\\ 45\\ 174\\ 236\\ \end{array}$	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2VUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DH7YA2 DK5DQ DJ3JB DK3W (DL6MH DJ80G DJ9MT DA3T DJ10J DR4G (DJ0CN DL9MT DJ10J DR4G (DJ0CN DL9MT DJ10J DR4G (DJ0CN DL9MT DJ6DQ DL2NBU DL3AWE DJ3IW DL4FF DM4D (DL1BE DL3AWE DJ3IW DL4FF DM4D (DL1BE DL9NEJ DL9CAS DL4CAS DL4CAS DL4FF DM4D (DL1BE DL9NEJ DL4CAS DL4CA	W) G10 G10 G10 R10 G22 V12 A14 V13 F02 V11 S22 C25 U13 G04 E38 G1 S53 U13 F05 V11 S23 V13 F05 V18 G04 E38 G13 O17 E325 U13 F05 U13 F05 C14 S20 A24 L05 L05 K23	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,520 " 418 " 396 " 418 " 396 " 418 " 396 " 418 " 396 " 418 " 396 " 418 " 396 " 242,865 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 25,359 " 24,708 " 23,324 " 21,375 " 18,928 " 17,800 " 12,762 " 13,566 " 12,760 " 12,627 " 11,466</pre>	64 64 35 48 40 38 14 19 12 14 10 38 309 271 237 238 176 136 301 126 111 144 106 89 113 60 70 101 88 70 125 121 65 68 70 80 102 98 102 98 102 98 102 90 102 90 102 90 102 90 102 102 102 102 102 102 102 102 102 10	0 0 299 0 0 0 0 0 0 0 0 0 0 0 0 0	103 96 48 60 42 22 33 16 6 6 6 6 6 261 379 257 316 261 274 201 154 215 165 148 158 200 113 113 1200 110 113 113 1200 110 103 107 116 88 88 89 5 133 130 130 130 130 149 149 149 149 149 149 149 149 149 149	DQ4T DL0CS DQ4W DR5X DP3A DK00G DM5EL DL0QS DL0GD DL0QS DL0GD DK2R DL0LSW DL0LSW DL0EOV DM7P DL45M DF2FM DL0AD DK4TO DK4TO DK4TO DK4TO DK4TO DL4SM DF2FM DL0AD DK4TO DL0AD DK4TO DL9CS DL8NCR DJ9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCR DL9CS DL8NCS DL8NAS DK2NE DE0MBS DE1NCH DL-P01-1 DE2SAT Finland OH2KW OH8GZQ OH1AL France F4DNW F5BBD F4CPF F1JKJ F5LIW-	F27 M15 C12 M36 C15 S21 I30 H04 O47 C06 T21 V128 O04 Y09 X30 F36 G09 A36 X36 G09 A36 X36 H11 Y13 B13 B13 F19 F291 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 3,648 " 3,000 " 27,846 " 3,648 " 3,000 " 1,173 " 312 " 304 " 1,44 W 332,220 " 46,031 " 17,825 " 96 S 19,404 " 1,040 " 322 S 63,180 " 15,240 " 1,200 L 38,960</pre>	1530 959 898 749 797 1011 609 5647 600 317 191 181 126 144 130 105 81 153 65 83 43 50 123 150 150 150 115 8 105 26 4 250 120 25 248	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 92 95 104 236 0 63 9 914 0 9 0 217 41 0 0 9 217 41 0 0 0	605 543 507 488 464 385 407 256 196 230 162 162 162 162 162 162 162 162 162 162
GOMTN MOERA 2EOPLA G4NXG/M G6CSY G3RSD MOMCX M4UM Estonia ES5TV ES5RIM European It IZOBVU IK2EGL I2SVA IK2SND IZ5DKF IZ8FDG IK2IKW IZ0BNR IK0EIE II1M (IK1SOW) I2WIJ IZ3GNG IZ5EBL IZ0BTV IZ9EBL IZ0BTV IT9BLB IZ0GYP IK2AIT/2 European Ru RW1AC RU6LA UA4LU RK3QS RN3OG UA4NC UA3QDX RA12M/0 UA4FER RW4PL	" L " " " " " " " " " " " " " " " " " "	54,000 96 4,256 1,248 1,056 672 189 117,568 2,159,657 168 2,159,657 168 2,2,176 5,478 5,060 4,680 3,248 2,622 1,984 84 58,265 27,990 13,200 13,100 11,869 3,604 260 203,508 637,032 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 203,250 89,362 89,362 203,250 89,362 80,350 80,550 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 80,500 8	$117 \\ 8 \\ 56 \\ 24 \\ 21 \\ 9 \\ 364 \\ 1869 \\ 12 \\ 132 \\ 83 \\ 99 \\ 117 \\ 56 \\ 37 \\ 215 \\ 84 \\ 40 \\ 100 \\ 143 \\ 53 \\ 13 \\ 13 \\ 10 \\ 0 \\ 1345 \\ 632 \\ 298 \\ 183 \\ 116 \\ 632 \\ 298 \\ 183 \\ 166 \\ 54 \\ 48 \\ 1 \\ 375 \\ 243 \\ 186 \\ 54 \\ 48 \\ 15 \\ 243 \\ 186 \\$	283 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 135\\ 12\\ 76\\ 48\\ 44\\ 32\\ 21\\ 176\\ 673\\ 14\\ 168\\ 66\\ 44\\ 40\\ 58\\ 462\\ 12\\ 271\\ 90\\ 66\\ 131\\ 83\\ 68\\ 20\\ 2\\ 0\\ 702\\ 508\\ 271\\ 182\\ 175\\ 106\\ 59\\ 4315\\ 174\\ \end{array}$	(DL8D2 DC9ZP DL8EAQ DL2JAS DL2JAS DL2KUF DJ4EJ DL6DVU DM7ML DL7PP DF5BX DM1EM DJ7YAY DK5DQ DJ3JB DK3W (DL6MF DJ30G DJ9MT DA3T DJ10J DR4G (DJ0GM DL4AWP DK1QC DJ0VZ DL9GM DJ6BQ DL4AWP DL4EQ DL4RE DL3AWE DJ3IW DL4FF DM4D (DL1BU DL3IW DL4FF DM4D (DL1BU CK9ZQ DM3HZD DL4ACE DH6DAC DL9NE1 DL60AE DH6DAC	W) G10 R29 R29 R27 V12 A14 V12 M09 K22 C22 M09 F62 C22 I) G22 I) G22 I) G22 I) G22 I) G22 I) G1 S3 G1 S3 G1 S4 G1 S53 G1 S3 G1 S4 G2 G3 G4	<pre>" 6,592 " 6,144 " 3,072 " 2,880 " 1,680 " 1,680 " 1,520 " 168 " 396 " 318,159 " 280,460 " 242,865 " 231,944 " 218,652 " 231,944 " 218,652 " 131,655 " 66,990 " 64,715 " 63,525 " 56,092 " 50,244 " 46,200 " 41,019 " 37,855 " 36,240 " 33,550 " 28,428 " 21,375 " 18,928 " 21,375 " 18,928 " 17,800 " 17,336 " 12,740 " 12,627 " 11,466 " 11,324</pre>	64 64 35 48 40 38 14 19 12 14 10 384 309 271 237 238 176 136 301 126 111 144 106 96 89 113 00 70 101 88 70 125 121 65 68 70 80 102 102 80 102 102 102 102 102 102 102 102 102 10	$\begin{smallmatrix} 0 \\ 0 \\ 29 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 8 \\ 0 \\ 8 \\ 355 \\ 431 \\ 674 \\ 497 \\ 299 \\ 268 \\ 174 \\ 279 \\ 266 \\ 136 \\ 125 \\ 168 \\ 0 \\ 0 \\ 125 \\ 125 \\ 168 \\ 0 \\ 0 \\ 115 \\ 129 \\ 109 \\ 66 \\ 0 \\ 0 \\ 0 \\ 157 \\ 193 \\ 85 \\ \end{smallmatrix}$	103 96 48 60 42 22 33 16 6 6 6 274 201 154 215 165 148 158 120 113 113 120 103 107 116 98 171 104 89 88 88 88 95 133 130 61	DQ4T DL0CS DQ4W DR5X DP3A DR5X DP3A DK00G DM5EL DL0QS DL0GD DK0D DK0D DK0D DK0D DK0D DK2R DL0E8V DM7P DL0E8V DM7P DL45M DF2FM DL0AD DK4I0 DK2 DK4I0 DK2 DK4I0 DK4I	F27 M15 C12 M36 C15 S21 I30 H04 O47 C06 T21 V128 O04 Y09 X30 F36 G09 A36 X36 G09 A36 X36 H11 Y13 B13 B13 F19 F291 X23	<pre>" 1,272,930 " 1,215,445 " 1,042,560 " 790,413 " 755,424 " 702,960 " 612,535 " 495,319 " 481,822 " 440,664 " 168,960 " 131,712 " 112,700 " 65,124 " 38,232 " 36,450 " 33,022 " 31,700 " 27,846 " 9,984 " 3,648 " 3,000 " 1,173 " 312 " 313 " 312 " 312 " 312 "</pre>	1530 959 898 749 797 1011 609 515 647 600 317 191 126 144 130 105 81 153 65 83 43 50 123 150 150 150 150 150 105 26 4 250 125 248 99 188 137	735 1050 1022 810 751 504 982 702 684 432 343 481 309 276 92 95 104 236 0 63 92 95 104 236 0 63 91 4 236 0 0 92 95 104 236 0 0 90 217 41 0 0 0 93 0 0 0 101 0 0 101 0 0 101 0 0 101 101	

Greece J43J	S	187,620	325	383	265
(DJ5JH) SV1XV-	L	3,843			
Guernsey MU0GSY	L	6,885	81	0	85
Hungary					
HA8TP	L	16,280	85	63	110
HA0DW HG1S	" M	336	12	0 1097	28 693
HGIS	М	2,023,560	1823	1097	093
ITU HQ Gene 4U1ITU	va S	184,164	542	76	298
Ireland EI9FVB	L	3,174	46	0	69
Isle of Man GD6IA	M	881,931	1246	727	447
Kaliningrad	sk				
RK2FWA (UA2FM)	S	988,987	906	1037	509
Latvia	~	10 140	1 - 1	1 2 0	100
YL7X (YL2LY)	S	49,140	131	139	182
YL2PP	L	12,936	73	95	77
Lithuania					
LY2IJ LY9Y	S "	1,100,324 842,413	928 969	1051 812	
(LY2CY)					
LY1FW LY6M		831,708 837	771 18	1065 9	453 31
LY2LF	L	952	28	0	34
LY1DJ	"	336	14	0	24
Luxembourg	S	1,318,896	1272	1050	568
(LX2A) LX1NO	"	39,005	126	143	145
LX6T-	"	1,887	37	0	51
Macedonia					
Z35G Z35T	S L	3,456 544,508	37 897	35 485	48 394
Z36W	ц Т	32,368	204	485 85	394 112
Malta					
9н9ра	L	43,676	244	0	179
(PH2M)					
Netherlands		56 444	110	200	100
PC2T PA0JNH	S "	56,444 34,798	112 103	300 151	137 137
PA9DD	"	15,246	99	0	154
PA3AAV PA5KT		7,900 1,443	100 26	0 11	79 39
PAOMIR-	L	65,262	123	315	149
PA1TT PA1TX		31,992 27,800	73 109	299 169	86 100
PAOLOU	"	12,480	96	0	130
PA0KDM PF9A		6,862 2,100	73 50	0 0	94 42
PA2W	"	2,100 2,080	50 40	0	52
PG2AA PA0ADP		600 572	25 22	0 0	24 26
PAUADP PE2KP		256	22 16	0	26 16
Northern Ir	el:	and			
MI3OZX GI4AAM	L "	1,080 936	30 26	0 0	36 36
Norway					
LA1BNA	S	26,622	122	31	174
LA2OKA LN9Z	L M	1,740 21,122	29 110	0 8	60 179
Poland					
SO6X	S	371,704	776	0	479
(SP6IXF) SP9LJD		147,552	318	318	232
SP3GXH	"	14,626	142	0	103
SP5GMM SP9HZF		12,900 12,810	86 51	0 132	150 70
SP9HZF SP9BMH	"	3,024	51	132	70 54
SP4KDX	"	2,156	49	0	44
(SP2FAP) SP9IHP		2,052	26	28	38
SP2AVE	"	2,050	41	0	50
3Z6V SP4SHD	L "	95,742 27,280	166 101	320 147	197 110
SP3JHY	"	17,680	100	36	130
SP2GJI SP9KJU		16,506 8,113	126	0	131 61
SP9KJU SP6DMI		8,113 6,480	41 72	92 0	61 90
SP9EWO	"	4,686	71	0	66

SP2DKI	"			л	4	20	52	2 0	85
SP6M	"					42	49		58
SP1MWF				4		92	46		52
SP4AVG-						50	25		30
SP2HPD				_		72	22		26
SN2K	М		4	7		70	179		
SP8KEA	"					36	26		
SP7-003-24W			17	9	,7	03	245	242	369
Portugal									
CT1/OH2LU	S				5	98	23	6 0	26
CT6A	L		27	8	, 5	96	577	579	241
Romania									
YR7M	S	1,	06	5	, 4	67	805	1194	533
(YO3JR)									
YO3HKW	"			1	, б	00	32	2 0	50
YO4GNJ	"				9	52	28	0	34
Y050EF	L		6	4	, 9	38	237	0	274
YO2MET	"		4	9	, 8	10	130	163	170
YO2MAX	"		3	6	,1	88	92	240	109
YO3JW	"			2	, 9	40	18	8 87	28
YO8KRR	"				6	80	19	0	32
(YO5CLN)									
YO9IKW	"				1	92	8	8 0	24
Sicily									
IT9RBW	S		3	2	, 2	64	218	s 0	148
Slovakia									
OM2VL	S	1,	24	2	, 3	16	1273	994	548
Slovenia									
S56A	S		13	7	. 2	75	262	213	289
S500						92			
S57DX	L					10			
S50DX	"					86	116		111
S51DX	"					00	30	10	40
Spain									
EA3LS	S			4	. 6	48	56	i 0	83
EA1AAW	L					64	133		
EC1AGZ	"					00	50		52
EA1WX	"					60	39		40
EA1CS	"					80	29		36
211200				-	, .		2,	-	50
Sweden									
	S		10	4	3	46	527	0	198
SM6U-	S "					46 96			198 96
SM3PZG	"		1	2	, 0	96	97	29	96
SM3PZG 8S0C			1	2	, 0			29	96
SM3PZG 8SOC (SM0MPV)	" L		1	2	, 0 , 5	96 90	97 137	29 73	96 179
SM3PZG 8SOC (SM0MPV) SM7BJW	" L "		1	2 7 5	,0 ,5 ,6	96 90 24	97 137 70	29 73 6	96 179 74
SM3PZG 8SOC (SM0MPV) SM7BJW SM6WET	" L		1	2 7 5	,0 ,5 ,6 ,5	96 90 24 90	97 137 70 65	29 73 6 6 0	96 179 74 86
SM3PZG 8SOC (SM0MPV) SM7BJW SM6WET SM7ATL	" " "		1 3	2 7 5 5	,0 ,5 ,6 ,5	96 90 24 90 32	97 137 70 65 16	29 73 6 6 0 6 0	96 179 74 86 27
SM3PZG 8SOC (SM0MPV) SM7BJW SM6WET	" L "		1 3	2 7 5 5	,0 ,5 ,6 ,5	96 90 24 90	97 137 70 65	29 73 6 6 0 6	96 179 74 86 27
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190	" " "		1 3	2 7 5 5	,0 ,5 ,6 ,5	96 90 24 90 32	97 137 70 65 16	29 73 6 6 0 6 0	96 179 74 86 27
SM3PZG 8S0C (SM0MPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland	" " " W		1 3 8	2 7 5 8	,0 ,5 ,6 ,5 ,4	96 90 24 90 32 30	97 137 70 65 16 121	29 73 6 6 0 6 0 6 4	96 179 74 86 27 478
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190	" " "		1 3 8	2 7 5 8	,0 ,5 ,6 ,5 ,4	96 90 24 90 32	97 137 70 65 16 121	29 73 6 6 0 6 0	96 179 74 86 27 478
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG	" " " W L		1 3 8	2 7 5 8	,0 ,5 ,6 ,5 ,4	96 90 24 90 32 30	97 137 70 65 16 121	29 73 6 6 0 6 0 6 4	96 179 74 86 27 478
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Euro	" " " W L		1 3 8 3	2 7 5 8 8	,0 ,5 ,6 ,5 ,4 ,2	96 90 24 90 32 30 66	97 137 70 65 16 121 109	2 29 73 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 7	96 179 74 86 27 478 106
SM3PZG 8S0C (SM0MPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4	" " " W L		1 3 8 3	2 7 5 8 8	,0 ,5 ,6 ,5 ,4 ,2	96 90 24 90 32 30	97 137 70 65 16 121 109	29 73 6 6 0 6 0 6 4	96 179 74 86 27 478 106
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Euro	" " " W L		1 3 8 3	2 7 5 8 8	,0 ,5 ,6 ,5 ,4 ,2	96 90 24 90 32 30 66	97 137 70 65 16 121 109	2 29 73 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 252	96 179 74 86 27 478 106
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J)	" " " W L		1 3 8 3	2 7 5 8 8	,0 ,5 ,6 ,5 ,4 ,2	96 90 24 90 32 30 66	97 137 70 65 16 121 109	2 29 73 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 252	96 179 74 86 27 478 106
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eury YM125ATA/4 (TA3J) Ukraine	L W L S	e)	1 3 8 3 5	2 7 5 5 8 8	,0 ,5 ,6 ,5 ,4 ,2 ,5	96 90 24 90 32 30 66 36	97 137 70 65 16 121 109	2 29 7 73 0 6 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0	96 179 74 86 27 478 106 132
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Euro YM125ATA/4 (TA3J) Ukraine UW5Q	L W L S	∍) 1,	1 3 8 3 5 01	2 7 5 5 8 8 2	,0,5 ,6,54 ,4 ,2 ,5 ,6	96 90 24 90 32 30 66 36 36	97 137 70 65 16 121 109 194 896	2 29 7 73 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 252 2 204 6 1046	96 179 74 86 27 478 106 132
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UM5Q EN5D	" " W L S	∍) 1,	1 3 8 3 5 01	2 7 5 5 8 8 2	,0,5 ,6,54 ,4 ,2 ,5 ,6	96 90 24 90 32 30 66 36	97 137 70 65 16 121 109 194 896	2 29 7 73 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 252 2 204 6 1046	96 179 74 86 27 478 106 132
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UW5Q ENSD (UT7DK)	" " W L S	e)	1 3 8 3 5 01 27	2 7 5 5 8 8 2 5 5	,0 ,5 ,6 ,4 ,2 ,5 ,6 ,9	96 90 24 90 32 30 66 36 36 54	97 137 70 65 16 121 109 194 896 400	2 29 7 73 6 0 6 0 6 0 6 4 7 252 2 204 6 1046 457	96 179 74 86 27 478 106 132 523 322
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UW5Q EN5D (UT7DK) UY5ZZWAE	"L "W L S S	e)	1 3 8 3 5 01 27 12	2 7 5 5 8 8 2 5 5 3	,0 ,5 ,6 ,4 ,2 ,5 ,6 9 ,9	96 90 24 90 32 30 66 36 54 54	97 137 70 65 16 121 109 194 896 400 206	2 29 7 73 6 6 6 0 6 0 6 0 7	96 179 74 86 27 478 106 132 523 322 219
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eury YM125ATA/4 (TA3J) Ukraine UW5Q EN5D (UT7DK) UV5ZZWAE UW5U	" L " W L OP	e)	1 3 8 3 5 01 27 12	2 7 5 5 8 8 2 5 5 3	,0 ,5 ,6 ,4 ,2 ,5 ,6 9 ,9	96 90 24 90 32 30 66 36 36 54	97 137 70 65 16 121 109 194 896 400 206	2 29 7 73 6 6 6 0 6 0 6 0 7	96 179 74 86 27 478 106 132 523 322 219
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UM5Q EN5D (UT7DK) UY52ZWAE UW5U (UY2UA)	" L " W L OP	e)	1 3 8 3 5 01 27 12 5	2 7 5 5 8 8 2 5 5 3 3	,05 ,6544 ,2 ,5 ,69 ,8	96 24 92 30 66 36 54 54 55	977 1377 700 655 16 121 1099 194 8966 400 2066187	2 29 7 73 6 6 6 0 6 0 7 252 2 04 6 1046 6 457 6 360 7 128	96 179 74 86 27 478 106 132 523 322 219 171
SM3PZG 8SOC (SM0MPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UV5ZZWAE UW5U (UY2UA) UR5WCQ	L W L S S S T	e)	1 3 8 3 5 01 27 12 5 5	2 7 5 5 8 8 2 5 5 3 3 3 3 3	,05 ,6544 ,2 ,5 ,69 ,8 ,1	96 90 24 90 30 66 36 54 54 54 50 8	97 137 70 65 16 121 109 194 896 400 206 187 255	2 29 7 73 6 6 6 0 6 0 7 252 2 204 6 1046 4 457 6 360 7 128 6 119	96 179 74 86 27 478 106 132 523 322 219 171 142
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UR5WCQ UY0ZG	L W L S S S T T	e)	1 3 8 3 5 01 27 12 5 2	2 7 5 5 8 8 2 5 5 3 3 1	,05 ,6544 ,25 ,69 ,98 ,19	96 24 933 66 36 66 54 54 65 64 54 65 64	977 1377 700 655 166 121 109 194 194 896 400 2066 187 2555 144	2 29 7 73 6 6 0 0 6 0 0 252 2 204 6 1046 0 457 6 360 7 128 6 119 8 119 8 67	96 179 74 86 27 478 106 132 523 322 219 171 142 104
SM3PZG 8SOC (SMOMPV) SM7BJW SM7MJW SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UX5U UY5ZG UY4EK	L W L S S S T T T	e) 1,	1 3 8 3 5 01 27 12 5 2 1	2 7 5 8 8 2 5 3 3 1 9		96 24 93 30 66 36 56 36 56 36 56 36 54 56 84 66 36 654 56 844	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98	2 29 7 73 6 6 6 0 6 0 7 252 4 204 6 1046 7 252 4 204 6 1046 7 128 6 119 8 67 8 80	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UR5WCQ UY4F	L W L S S S T T T	e) 1,	1 3 8 3 5 01 27 12 5 2 1	2 7 5 8 8 2 5 3 3 1 9		96 24 933 66 36 66 54 54 65 64 54 65 64	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98	2 29 7 73 6 6 6 0 6 0 7 252 4 204 6 1046 7 252 4 204 6 1046 7 128 6 119 8 67 8 80	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107
SM3PZG 8SOC (SMOMPV) SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UR5WCQ UY4EK UY4F (UR5FEL)	L W L S S S T T T	e) 1,	1 3 8 3 5 01 27 12 5 21 25	2 7 5 5 8 8 2 5 5 3 3 1 9 1		96 90 2933 66 36 65 45 56 84 46 72	97 137 70 65 16 121 109 194 400 206 187 255 144 98 219	2 29 7 73 6 6 6 0 7 252 2 204 6 1046 6 457 6 360 7 128 6 119 6 67 8 80 7 77	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107 272
SM3PZG 8SOC (SM0MPV) SM7MDV) SM7MTL SM7-8190 Switzerland HB9TQG Turkey (Eury YM125ATA/4 (TA3J) Ukraine UW5Q ENSD (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UY2UA) UT4EK UY4F (UR5FEL) UW8SM	L W L S S S L	e) 1,	1 3 8 3 5 01 27 12 5 21 25 6	2 7 5 5 8 8 2 5 5 3 3 1 9 1 1		96 90 240330 66 36 654 55 64 72 62	97 137 70 65 16 121 109 194 896 400 206 400 206 896 400 205 144 98 219 219	2 29 7 73 6 6 0 0 6 0 0 252 2 204 6 10466 4 57 6 360 7 128 6 119 6 67 8 0 7 07 6 362	96 179 74 86 27 478 106 132 132 219 171 142 104 107 272 129
SM3PZG 8SOC (SMOMPV) SMTBJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UT7DK) UY5ZZWAE UW5U (UY2UA) UX5SCQ UY0ZG UT4EK UY4F (UR5FEL) UW8SM UT8IM	L W L S S S T T L	e) 1,	1 3 8 3 5 01 27 12 5 21 25 6	2 7 5 5 8 8 2 5 5 3 3 1 9 1 3 1 9 1		96 90 290 24 9330 66 36 56 56 54 56 8446 70 22	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 114 113	2 29 7 73 6 6 0 0 6 0 252 204 204 5 10466 457 5 360 7 128 6 119 6 7 8 00 7 07 5 362 181	96 179 74 86 27 478 106 132 132 219 171 142 104 107 272 129 148
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UR5WCQ UY0ZG UY4F (UR5FEL) UW4F (UR5FEL) UW8SM UT4IK	L W L S S S T T L T	e) 1,	1 3 8 3 5 01 27 12 5 21 25 6 4	2 7 5 5 8 8 2 5 5 3 3 1 9 1 3 3 1 9 1 3 3		96 290 290 290 30 66 36 56 56 84 60 62 61 84	97 137 70 65 16 121 109 194 194 896 400 206 187 255 144 98 219 219 219 219 219 219 219 219 219 219	2 29 7 73 6 6 6 0 6 0 6 252 2 204 6 1046 4 57 6 360 7 128 6 119 6 67 8 00 7 07 6 362 8 181 2 04	96 179 74 86 27 478 106 132 132 219 171 142 107 272 129 148 67
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UR5WCQ UY0ZG UT4EK UV4F (UR5FEL) UW8SM UT4EK	L W L S S S T T L T T L	e) 1,	1 3 8 3 5 01 27 5 21 25 6 4	2 7 5 5 8 8 8 8 2 5 5 3 3 1 9 1 1 3 3 1 1		96 292 29330 66 36 55 56 84 6128 62	97 137 70 65 16 121 109 194 400 206 187 255 144 98 219 219 219 219 219 219 224	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 5 360 7 128 6 119 6 7 8 00 7 07 5 362 8 181 2 04 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	96 179 74 86 27 478 106 132 523 322 219 171 142 104 272 212 9 418 67 43
SM3PZG 8SOC (SMOMPV) SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UY2UA) UR5WCQ UY4EK UY4F (UR5FEL) UW8SM UT1II UT2UZ UR4UGL	L W L S S S S T T T T T T T	e) 1,	1 3 8 3 5 01 27 5 21 25 6 4	2 7 5 5 5 8 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1		96 292 292 30 66 36 65 55 04462 612828	97 137 70 655 16 121 109 194 896 400 206 187 255 144 98 219 116 113 52 24 22 42 24 22 24 22	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 4 57 6 360 7 128 6 119 6 67 8 00 7 07 6 362 181 2 00 0 0 0 0 0 0 0 0 0 0 0 0 0	96 179 74 86 27 478 106 132 132 132 219 171 142 104 107 272 129 148 67 43 42
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UY2UA) UR5WCQ UY0ZG UT4EK UY4F (UR5FEL) UW8SM UT8IM UT1II UT2UZ UR4UGL UR4UGL UR4UGL	L W L S S S T T T T T T T T T T T T T T T T	e) 1,	1 3 8 3 5 01 27 5 21 25 6 4	2 7 5 5 5 8 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1	,05,66544,4 ,2 ,5 ,69,98,1908,6544,2,1	96 290 290 290 30 66 30 654 56 84462 6128289	97 137 70 65 16 121 109 194 896 400 206 194 206 187 255 144 9882 219 219 219 219 229 229 229	2 29 7 73 6 6 0 0 6 0 7 252 2 204 6 2	96 179 74 86 27 478 106 132 132 219 171 142 104 107 272 129 148 67 43 42 41
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) UY6ZG UY4F (UR5FEL) UW4F (UR5FEL) UW8SM UT1II UT2UZ UR4UGL UK8IDX UY7C	L B B B B B B B B B B B B B B B B B B B	∍) 1,	1 3 8 3 5 0127 225 6 4	2 7 5 5 8 8 8 2 5 5 5 3 3 1 9 9 1 1 3 3 1 1 1	,05,6544,4 ,2 ,5 ,69,98,1908,6544,2,12	96 292 292 33 66 36 65 56 84462 224242895 186 186 186 186	97 137 70 65 16 121 109 194 194 896 400 2066 187 255 144 400 2066 187 219 219 219 219 219 219 219 229 29 29 29 29 29 29 29 29 29 29 29 2	2 29 7 73 6 6 6 0 6 0 6 252 2 204 6 1046 6 457 6 360 7 128 6 119 6 707 6 362 7 128 8 0 7 07 6 362 9 252 1046 9 252 1046 105 105 105 105 105 105 105 105	96 179 74 86 27 478 106 132 132 132 219 171 142 104 107 272 129 148 67 43 42 41 16
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY5ZWAE UW5U (UY2UA) USSWCQ UY0ZG UY4EK UY4FEL) UW7J	L PS ST THE ST ST THE ST	∍) 1,	1 3 8 3 5 01 27 12 5 21 25 6 4 91	275588888225553331199111333111188	05 6544 2 5 69 98 1908 65442125	99 2933 6 3 65 56 04462 22428960 90 2023 6 6 6 6 5 5 5 6 3 5 5 5 5 5 5 6 3 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 4 5 5 5 4 5 4 5 4 5 4 5 5 4 5 5 5 4 5 5 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 </td <td>97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 219 219 219 212 224 229 227 71382</td> <td>2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 6 360 7 128 6 119 6 7 8 00 7 07 8 00 7 07 8 362 1 0 9 2 52 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0</td> <td>96 179 74 86 27 478 106 132 132 219 171 142 104 272 219 171 142 107 272 129 148 67 43 42 41 16 785</td>	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 219 219 219 212 224 229 227 71382	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 6 360 7 128 6 119 6 7 8 00 7 07 8 00 7 07 8 362 1 0 9 2 52 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	96 179 74 86 27 478 106 132 132 219 171 142 104 272 219 171 142 107 272 129 148 67 43 42 41 16 785
SM3PZG 8SOC (SMOMPV) SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UWF20 EN5D (UT7DK) UW5Q EN5D (UT7DK) UV5ZZWAE UW5U (UY2UA) UR5WCQ UY4EK UY4F (UR5FEL) UW8SM UT4EK UY4F (UR5FEL) UW8SM UT1II UT2UZ UR4UGL UT4UGL UR4UGL UU7J UU7J UU5A	L B S S I I I I I I I I I I I I I I I I I	∍) 1,	1 3 3 5 5 5 2 2 1 2 2 5 5 2 2 1 2 2 5 6 4 4 9 110	27558888225553331199113331111886	05 6544 2 5 69 98 1908 654421252	99 2933 6 3 65 56 04462 224289605 90 2933 6 3 65 56 04462 224289605	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 116 113 52 24 29 22 22 24 22 24 22 142	2 29 7 73 6 6 0 0 0 252 4 204 6 1046 0 457 5 360 7 128 6 119 6 707 5 360 7 077 5 362 181 10 0 0 0 0 9 21062 2 316	96 179 74 86 27 478 106 132 132 132 219 171 142 104 107 272 129 148 67 43 42 41 67 785 232
SM3PZG 8SOC (SMOMPV) SM7MDV) SM7MDV SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eury YM125ATA/4 (TA3J) UKraine UW5Q ENSD (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT2DA) UR5WCQ UY0ZG UT4EK UY4F (UR5FEL) UW8SM UT8IM UT8IM UT1II UT2UZ UK4UGL UR4UGL UR4UGL UR4UGL UK4UGL UU5A UW7W	L PS ST THE ST ST THE ST	∍) 1,	1 3 3 5 5 5 2 2 1 2 2 5 5 2 2 1 2 2 5 6 4 4 9 110	27558888225553331199113331111886	05 6544 2 5 69 98 1908 654421252	99 2933 6 3 65 56 04462 22428960 90 2023 6 6 6 6 5 5 5 6 3 5 5 5 5 5 5 6 3 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 5 4 5 5 4 5 5 5 4 5 4 5 4 5 4 5 5 4 5 5 5 4 5 5 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 </td <td>97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 116 113 52 24 29 22 22 24 22 24 22 142</td> <td>2 29 7 73 6 6 0 0 0 252 4 204 6 1046 0 457 5 360 7 128 6 119 6 707 5 360 7 077 5 362 181 10 0 0 0 0 9 21062 2 316</td> <td>96 179 74 86 27 478 106 132 132 219 171 142 104 272 219 171 142 107 272 129 148 67 43 42 41 16 785</td>	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 116 113 52 24 29 22 22 24 22 24 22 142	2 29 7 73 6 6 0 0 0 252 4 204 6 1046 0 457 5 360 7 128 6 119 6 707 5 360 7 077 5 362 181 10 0 0 0 0 9 21062 2 316	96 179 74 86 27 478 106 132 132 219 171 142 104 272 219 171 142 107 272 129 148 67 43 42 41 16 785
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5Q UV7Q UV7Z UV7J UU7J UU7J UV5A UW7W Wales	L U S S S S S S S S S S S S S S S S S S	∍) 1,	1 1 3 3 8 8 3 3 5 5 0 0 1 7 2 7 7 2 2 5 5 2 2 1 5 7 6 4 4 9 9 1 1 0 2 2 7 5 7 2 1 1 1 0 2 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1	27558882255533311911133311118633	,05,6544,22,55,699,98,199,08,655,44,22,52,21	990 29330 66 36 65 56 04462 22428960 61885450 61885450	97 137 70 65 16 121 109 194 896 400 2066 187 255 144 98 219 116 113 52 24 24 29 9 1138 224 113 138 22 119	2 29 7 73 6 6 0 0 0 252 2 204 2 204 5 1046 0 457 5 360 7 128 5 119 6 360 7 07 5 362 5 181 2 00 0 0 0 0 0 252 2 316 5 6	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107 272 129 148 67 43 42 41 16 785 232 132
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY5ZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) US5WCQ UY0ZG UY4F (UR5FEL) UW4F (UR5FEL) UW4F UT1LI UT2UZ UR4UGL UT4EK UT1LI UT2UZ UR4UGL UT7J UU7J UU7J UU7J UU7J UU7J UU7J UU7J	L	∍) 1,	1 1 3 3 8 8 8 3 3 5 5 5 2 2 1 1 2 2 5 5 2 2 5 6 6 4 9 9 1 1 0 2 2 5 9 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2	2 7 5 5 8 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1 1 1 8 6 3 3	0,5,6544,2,5,69,98,1900,8,6544,2125,21,8	99 2933 6 3 65 56 04467 61862895450 04 04 04467 22442895450 04467 04467 04467	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 219 219 212 224 229 29 7 7 1382 2142 119 219 219 219 219 219 219 219 219 21	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 5 360 7 128 6 119 6 7 8 00 7 07 5 362 1 0 6 7 8 0 0 707 5 362 1 0 9 2 52 2 0 4 204 5 1046 0 457 5 360 7 07 5 362 5 1062 3 166 5 6 5 938	96 179 74 86 27 478 106 132 523 322 219 171 142 104 272 129 148 67 43 42 116 785 232 132 411
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) Ukraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5Q UV7Q UV7Z UV7J UU7J UU7J UV5A UW7W Wales	L U S S S S S S S S S S S S S S S S S S	∍) 1,	1 1 3 3 8 8 8 3 3 5 5 5 2 2 1 1 2 2 5 5 2 2 5 6 6 4 9 9 1 1 0 2 2 5 9 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2	2 7 5 5 8 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1 1 1 8 6 3 3	0,5,6544,2,5,69,98,1900,8,6544,2125,21,8	99 2933 6 3 65 56 04467 61862895450 04 04 04467 22442895450 04467 044624 044624	97 137 70 65 16 121 109 194 896 400 2066 187 255 144 98 219 116 113 52 24 24 29 9 1138 224 113 138 22 119	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 5 360 7 128 6 119 6 7 8 00 7 07 5 362 1 0 6 7 8 0 0 707 5 362 1 0 9 2 52 2 0 4 204 5 1046 0 457 5 360 7 07 5 362 5 1062 3 166 5 6 5 938	96 179 74 86 27 478 106 132 523 322 219 171 142 104 272 129 148 67 43 42 116 785 232 132 411
SM3PZG 8SOC (SMOMPV) SM7MDV) SM7MDV SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q ENSD (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT2UA) UT4EK UY4F (UT5FEL) UW8SM UT4EK UT4	L	∍) 1,	1 1 3 3 8 8 8 3 3 5 5 5 2 2 1 1 2 2 5 5 2 2 5 6 6 4 9 9 1 1 0 2 2 5 9 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2 2 5 5 2 1 1 1 0 2	2 7 5 5 8 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1 1 1 8 6 3 3	0,5,6544,2,5,69,98,1900,8,6544,2125,21,8	99 2933 6 3 65 56 04467 61862895450 04 04 04467 22442895450 04467 044624 044624	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 219 219 212 224 229 29 7 7 1382 2142 119 219 219 219 219 219 219 219 219 21	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 5 360 7 128 6 119 6 7 8 00 7 07 5 362 1 0 6 7 8 0 0 707 5 362 1 0 9 2 52 2 0 4 204 5 1046 0 457 5 360 7 07 5 362 5 1062 3 166 5 6 5 938	96 179 74 86 27 478 106 132 523 322 219 171 142 104 272 129 148 67 43 42 116 785 232 132 411
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q EN5D (UT7DK) UY5ZZWAE UW5Q UY5ZZWAE UW5U (UY2UA) UY5Z UV5U (UY2UA) UY5Z UV4EK UY4F (UR5FEL) UV4F (UR5FEL) UV4F (UR5FEL) UV4F UT1II UT2UZ UV4F UT1II UT2UZ UT1II UT1II UT2UZ UV7C UU7J UU7J UU7J UU7J UU7J UU7J UU7J UU	L	<pre>>) 1, 1, 1,</pre>	1 3 3 3 5 5 5 2 2 1 2 7 5 5 2 2 1 5 5 2 2 5 5 6 4 4 9 1 10 0 5 2 2 5 5 5 5 5 5 5 2 2 10 10 10 10 10 10 10 10 10 10 10 10 10	2 7 5 5 8 8 8 2 5 5 3 3 1 9 1 1 3 3 1 1 1 1 8 6 3 3 1 1	05 6544 2 5 69 98 1908 6544212521 86	99 2933 6 3 65 56 04467 618618960 42	97 137 70 65 16 121 109 194 896 400 2066 187 255 144 98 219 113 52 24 29 113 52 24 29 113 29 113 29 113 29 113 20 113 113 20 113 114 115 115 115 115 115 115 115 115 115	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 9 252 2 204 6 1046 9 252 2 360 7 77 6 360 7 128 8 0 7 77 6 360 7 77 6 360 7 77 6 362 1 19 6 360 7 77 6 362 1 19 6 360 7 77 6 362 1 19 6 360 7 77 6 362 7 77 7 8 80 7 9 8 10 9 362 8 10 9 0 9 316 9 56 9 38 3 11	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107 272 129 148 67 43 42 41 16 785 523 232 132
SM3PZG 8SOC (SMOMPV) SM7BJW SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY5ZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) UY4F (UR5FEL) UY4F (UR5FEL) UV4F (UR5FEL) UV4F UT1II UT2UZ UT4EK UT1II UT2UZ UT4UGL UW7U WWALBS GW4BLE MW0CRI Yugoslavia 405A	"L" """W UL S S """"L"""" M"" S L S	<pre>>) 1, 1, 1, 1,</pre>	1 1 3 3 8 8 8 3 3 3 5 5 0 0 1 1 2 2 7 5 5 2 2 1 1 1 1 0 0 5 2 2 1 1 1 1	2755888 825533 3191133111 86331 4	0,5,6,5,4,4,2,5,0,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,5,5,4,4,2,5,2,1,8,6,1,5,5,4,4,2,1,2,5,2,1,8,6,1,5,5,4,4,2,1,2,5,2,1,8,6,1,5,4,4,2,1,5,2,1,8,6,1,5,4,4,2,1,5,2,1,5,2,1,5,1,5,1,5,1,5,1,5,1,5,1	960 240 902 240 902 330 66 330 66 54 65 54 65 54 65 54 65 212 24 84 26 212 84 26 212 84 26 20 20 20 20 20 20 20 20 20 20 20 20 20	97 137 70 65 16 121 109 194 896 400 206 187 255 144 896 400 206 187 255 144 98 219 116 6 133 224 24 29 29 29 1382 142 119 198 119 20 119 20 119 20 20 20 20 119 20 20 20 20 20 20 20 20 20 20 20 20 20	2 29 7 73 6 6 6 0 6 0 6 252 2 204 6 1046 6 457 6 360 7 128 6 119 6 7 7 362 5 181 6 7 8 00 7 07 5 362 5 1062 5 316 9 38 3 31 7 690	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107 272 129 148 67 43 42 132 132 132 132 132 132 533
SM3PZG 8SOC (SMOMPV) SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY52ZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) UV5GQ UY0ZG UT4EK UV4F (UR5FEL) UW8SM UT4EK UV4F (UR5FEL) UW8SM UT4EK UT7U UT4EK UT7U UT7U UT7U UT7U UT7U UT5A UT7C UT7W WA1ES GM4EE MW0CRI CA CA UT4EK UT4EK UT7U UT4EK UT7U	"L" ""W L pops S S """L" """ """ S L S	<pre>>) 1, 1, 1, 1,</pre>	1 1 3 3 8 8 8 3 3 3 5 5 0 0 1 7 2 7 2 5 5 2 2 1 1 2 2 5 5 2 2 5 6 6 4 4 9 9 1 1 1 0 0 5 2 2 1 1 1 3 3 8 3 8	2755888 82553331991 133111 86331 48	0,5,6,5,4,4,2,7,5,0,0,8,6,5,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,8,6,5,4,4,2,1,2,5,2,1,8,6,1,9,0,1,9,1,1,9,1,1,1,1,1,1,1,1,1,1,1,1	960 240 3223 300 66 36 54 54 54 55 55 54 56 50 84 44 62 218 24 90 00 24 90 322 300 66 36 65 44 46 50 90 90 90 90 90 90 90 90 90 90 90 90 90	97 137 70 65 16 121 109 194 896 400 206 187 255 144 98 219 116 255 144 29 29 29 29 29 29 1382 2142 119 1626 138 1377 868	2 29 7 73 6 6 0 0 0 252 2 204 6 1046 0 457 6 360 7 128 6 119 6 128 6 119 6 7 7 07 7 07 7 07 7 07 8 00 7 07 7 07 8 00 9 1062 3 166 9 386 3 11 9 2 56 9 2	96 179 74 86 27 478 106 132 523 322 219 171 142 104 107 272 129 148 67 43 42 41 16 785 232 132 129
SM3PZG 8SOC (SMOMPV) SM7MDV) SM7MDV SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UW5Q ENSD (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U (UT7DK) UV5ZZWAE UW5U UT7DK) UV5ZZWAE UW7DK UT1II UU7J UU7J UU7J UU7J UU7J UU7J UU7J UU	"L" """W L pppS S S" """ """""""""""""""""""""""""	<pre>>) 1, 1, 1, 1,</pre>	1 1 3 3 3 8 8 8 3 3 3 5 5 0 1 1 2 2 7 5 5 2 2 1 1 1 1 2 2 2 5 6 4 9 9 1 1 0 0 5 2 2 1 1 1 3 8 2 2 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 1 3 8 2 2 1 1 1 1 3 8 2 2 1 1 1 1 3 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 5 5 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1 1 8 6 3 3 1 4 8 4	0,5,6544 2 5 69 98 1908 6544212521 86 191	960 240 322330 66336 65445 655 655 655 655 655 655 62122 822 822 825 600 96 96 90 90 90 90 90 90 90 90 90 90 90 90 90	97 137 70 655 16 121 109 194 896 400 206 187 255 144 98 219 113 52 24 29 29 29 29 29 29 29 29 29 29 29 29 29	2 29 7 73 6 6 0 0 0 252 2 204 2 204 2 204 2 204 2 204 2 204 2 204 2 360 7 128 3 600 7 07 3 360 7 128 3 109 6 707 3 362 1 19 6 707 3 360 7 07 3 362 1 19 6 707 3 362 1 19 6 707 3 362 1 28 8 0 9 252 1 204 1 28 3 10 9 252 1 204 1 28 1 28 1 29 1 28 1 28 1 29 1 29 1 204 1 28 1 29 1 28 1 28 1 29 1 29	96 179 74 86 27 478 106 132 132 132 219 171 142 104 107 272 129 148 67 43 42 41 128 539 232 132
SM3PZG 8SOC (SMOMPV) SM6WET SM7ATL SM7-8190 Switzerland HB9TQG Turkey (Eur YM125ATA/4 (TA3J) UKraine UM5Q EN5D (UT7DK) UY52ZWAE UW5U (UY2UA) UY5ZWAE UW5U (UY2UA) UV5GQ UY0ZG UT4EK UV4F (UR5FEL) UW8SM UT4EK UV4F (UR5FEL) UW8SM UT4EK UT7U UT4EK UT7U UT7U UT7U UT7U UT7U UT5A UT7C UT7W WA1ES GM4EE MW0CRI CA CA UT4EK UT4EK UT7U UT4EK UT7U	"L" ""W L pops S S """L" """ """ S L S	<pre>>) 1, 1, 1, 1,</pre>	1 1 3 3 3 8 8 8 3 3 3 5 5 0 1 1 2 2 7 5 5 2 2 1 1 1 1 2 2 2 5 6 4 9 9 1 1 0 0 5 2 2 1 1 1 3 8 2 2 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 3 8 2 2 1 1 1 1 3 8 2 2 1 1 1 1 3 8 2 2 1 1 1 1 3 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 5 5 8 8 2 5 5 3 3 3 1 9 1 1 3 3 1 1 1 8 6 3 3 1 4 8 4	0,5,6544 2 5 69 98 1908 6544212521 86 191	960 240 3223 300 66 54 65 54 54 55 55 55 54 56 50 84 44 62 218 24 90 00 24 0 322 300 66 54 40 66 54 40 66 54 20 00 20 20 00 20 20 20 20 20 20 20 20	97 137 70 655 16 121 109 194 896 400 206 187 255 144 98 219 113 52 24 29 29 29 29 29 29 29 29 29 29 29 29 29	2 29 7 73 6 6 0 0 0 252 2 204 2 204 2 204 2 204 2 204 2 204 2 204 2 360 7 128 3 600 7 07 3 360 7 128 3 109 6 707 3 362 1 19 6 707 3 360 7 07 3 362 1 19 6 707 3 362 1 19 6 707 3 362 1 28 8 0 9 252 1 204 1 28 3 10 9 252 1 204 1 28 1 28 1 29 1 28 1 28 1 29 1 29 1 204 1 28 1 29 1 28 1 28 1 29 1 29	96 179 74 86 27 478 106 132 132 132 219 171 142 104 107 272 129 148 67 43 42 41 128 539 232 132

Outside Europe

Argentina LU8ADX	S 67,69	3 248	239	139
L20H	" 50,23		0	161
LU4DX	L 296,14			
LU5FF	" 115,92			161
LR4E	" 18,73	2 119	104	84
(LW4EU)				
Australia C VK-CRAIG	all Area 1 W 97,250	0 295	94	250
Australia C VK7GN	all Area 7 S 8,111	2 108	48	52
Azerbaijan 4J7WMF	L 142,52	4 319	323	222
Brazil Call PY1NB PY1DX	Area 1 L 195,43 " 342		454 0	215 18
Brazil Call ZX2B	Area 2 S 864,654	4 1244	1255	346
(PY2MNL)				
PY2NY	" 519,89		810	306
PY2NA PY2BRZ	L 63,04		214 92	142 64
PY2DY	" 5,30		0	78
PY2IQ	" 1,29		10	37
PY2ZK PY2ERA	" 858 M 151,904		0 406	39 188
FIZERA	M 131,90	1 102	400	100
Brazil Call PY3PA	Area 3 S 1,520	0 40	0	38
PY3DX	L 47,98		0 230	105
Duranil Call	J			
Brazil Call PP5JD	L 240,10	8 552	570	214
ZX5J	M 1,710,24			
ZW5B	" 1,398,11	1 1647	1612	429
Brazil Call PY6KY	Area 6 S 823	8 23	0	36
Brazil Call	Area 7			
PQ7Q	L 59,85	202	197	150
PR7AF	" 5,91'		0	61
PR7AYE	" 374	4 17	0	22
Brazil Call PS8DX	Area 8 L 1,392	2 29	0	48
PV8IG	" 1,31		20	32
Canada Call	Area 1			
VE1MC	s 17,37	4 146	0	119
VO1KVT	L 59,28	5 241	0	246
VA1CHP VO1001SWL	L 59,280 " 12,540 W 349,184	0 66	66 75	95 196
VOIDUISWE	W 349,10	1 020	15	
General Gell				490
Canada Call	Amon 2			
VE2XAA	Area 2 L 70,850	0 325	325	109
VE2XAA VE2AWR	Area 2 L 70,850	0 325	325	109
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970	0 325	325	109
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
VE2XAA VE2AWR VA2SG VA2RIO	Area 2 L 70,850 " 24,970 " 5,089 " 3,110	0 325 0 113 5 35 6 40	325 114 78 42	109 110 45 38
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Niger 5U7B	S	114,	100	367	333	163
Oman A45WD (YO9HP)	L	855,	138	1273	1109	359
Philippin		1.4	000	150	4.0	76
DV1JM DU1RB	L "	14,	160		40 0	76 16
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WP3GW WP4BH	L "		100 440			60 40
ra ru0ajd	S	128,	040	388	388	165
RAOAA	"	40,	896	211	215	96
RWOUU RAOAY	" L		800 184			
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RA9	~	2.01	064	622	500	210
UA9CDC UA9KJ	S "	381, 154,			589 504	
RA9FLW	"	25,	365	142	143	89
RM9RZ			852		120	
UA9HR RV9AZ			206 292		69 0	38 38
RZ9CQ	"		032	28	15	24
UA9ACJ	L "		436			
RA9DZ RW9QA		, 114 98	362			165 187
RA9XU	"		975			167
UA9TZ			172			
UA9BS RK9CYA			380 160			148 148
RX9FR	"	61,	457	200	207	151
RA9CB		57,	850	219		
RK9CR RV9WZ	"	49,	140	187 225	179 230	108
UA9FGJ	"	47,	874	153	150	158
RZ9OW			906		198	
RA9KM UA9SP			556 422			
UA9QA	"	21,	855	128	107	93
UA9OMT UA9OA		10,	010 756		0 20	77 18
RK9DX	"		16			
RN9SXX		1,403,				
RK9CWW		1,238,	295	1333	1330	465
Saudi Ara 7Z1SJ	bia S	531,	216	1062	1080	248
Senegal 6W7RV	L		198	11	0	18
Singapore 9V1YC	S			732	557	245
South Afr ZS6RAE-		Call	Are a 209		0	19
South Afr ZS9Z	ica L		Are a 170		0	30
Tajikista EY8MM	n S	22,	638	121	110	98
Thailand E21YDP	S	14,	577	129	0	113
Turkey TA3BN TA4/KH0DQ	S L		339 548		0 319	143 194
United Sta						
K1LZ	S "	1,209,				
KC1F WA1ZYX		5⊥, 23.	086 919	333 99	290 102	
W1EBI	"		632			32

AE1D	"		360	12	0	30
KB1NKU	"		12	2	0	6
N1API	L	235,	505	631	642	185
AJ1M	"	36,	442	132	134	137
W1EQ	"	б,	032	53	51	58
KIMSH	"	1,	189	19	10	41
United	States	Call	Are	a 2		
N2MUN	S		648	162	146	106
W2YE	"		504	94	90	106
N2BJ	"		960	162	0	80
K2NV	"		360	48	44	80
AB2TC	L	21,		159	0	137
K2MFY	"		900	139	131	70
WA2MCR	"	14,		67	71	107
WB2ATZ	"		880	95	0	104
N2MTG	"	2,	024	44	0	46
United	Statog	Call	Arc			
W3UA	S	832,		1129	1120	370
WX3B	"	600,		1092	1031	283
K3WW	"	584,		970	954	304
W3FV	"	161,		430	435	187
AJ 3M	"		112	7	0	16
N3UA	L		386	41	45	51
K3DI	М	410,		753	688	285
W3ADC	"		380	330	0	86
United	Stator	Call	2	a 4		
N4PN	States			1082	0	262
K4YKZ	"	198,		439	450	
K4BAI			272		291	
KM4M	"		845	194	199	
(W3BP)		- /				
WB4MSG	"	27,	864	223	164	72
K4CZ	"	25,	787	137	104	107
N4GG	"	21,		113	113	97
K4XD	"	8,	704	64	64	68
NF4A	L	18,	690	133	134	70
K4IU	"	4,	232	47	45	46
AI4QB	"		640	41	0	40
KD4ULW	"		140	30	0	38
WA40SD	"		680	20	0	34
W4TMN	"		32	4	0	8
KD4D	M 1.	,531,	200	1913	1607	435
United	States	Call	Are	a 5		
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K5ZD WD5K KN5DX AD5VJ K5WW United (KN6R0/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United N7BF N87V N7ZG United	States States States States S L States S	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 2, Call 40, 2, Call	624 404 925 376 325 Are 800 837 728 720 100 Are 380 27 2380 27 Are 426	132 166 65 42 13 6 386 103 102 28 23 10 6 7 171 40 19 3 8 8	168 40 42 0 394 104 109 20 17 0 149 26 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314
K5ZD WD5K KN5DX AD5VJ K5WW United KN6RO/4 (KN6RO) K6III W6AFA N6ZZ N6XI K6CSL United N7BF N7BF N7DF N7ZG United N8II W80HT	States States States S States S L States S "	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, Call 40, 2, Call 599, 25,	624 404 925 376 325 Are 800 837 082 728 720 100 Are 000 0772 380 0772 27 Are 426 560	132 166 65 42 13 102 28 23 102 28 23 102 28 23 102 171 49 969 103 969 103	168 40 42 0 394 104 109 20 17 0 149 26 0 0 940 110	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120
K5ZD WD5K KN5DX AD5VJ K5WW United KN6RO/4 (KN6RO) K6CII W6AFA N6ZZ N6XI K6CSL United N7BF N7BF N7BY N7ZG United N8II W80HT K8ZEE	States States States S States S L States S " "	43, 35, 8, 5, Call 163, 18, 13, 1, Call 40, 2, Call 599, 25,	624 404 925 376 325 Are 800 837 082 728 720 100 Are 0000 772 380 000 772 27 Are 426 560 440	132 166 65 42 13 13 10 28 29 10 10 28 20 10 10 10 28 20 10 10 10 28 20 10 10 10 10 10 10 10 10 10 1	168 40 42 0 394 104 109 20 17 0 149 26 0 0 940 110 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22
K5ZD WD5K KN5DX AD5VJ K5WW United (KN6R0/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United K7RL N7BF NB7V N7ZG United N8II W8OHT W80HT W80HT	States States States States States S " " L States S " " "	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, Call 40, 2, Call 599, 25,	624 404 925 376 325 800 837 082 728 720 100 Are 0000 772 380 27 Are 560 440 364	132 166 652 133 103 102 28 233 100 28 233 100 171 400 19 3 969 103 203 203 101 102 203 102 203 102 203 103 103 102 203 103 102 203 103 103 102 203 103 103 102 203 103 103 103 103 103 103 103 1	168 40 42 0 394 104 109 20 177 0 149 26 0 0 940 110 0 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26
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K5ZD WD5K KN5DX AD5VJ K5WW United KN6R0/4 (KN6R0) K6GII W6AFA N6ZZ N6XI W6AFA N6ZZ N6XI W6AFA N6ZZ N6XI W6AFA N6ZZ N6XI W6AFA N6ZZ W1 K7RF N7BF N7BF N7BF N7BF N7BF N7BF N7ZG United W80HT K8ZEE W8GJ W88JUI KC8YEC	States States States S States S L States S L "	43, 35, 8, 5, Call 163, 18, 13, 1, 1, Call 40, 2, Call 599, 25, 3,	624 404 925 376 800 837 728 720 100 Arc 420 560 440 364 4477 180 Arc	132 166 652 13 102 288 103 102 288 23 10 171 40 19 3 102 288 969 103 20 171 40 19 3 20 171 40 19 103 20 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 103 102 103 103 102 103 103 103 102 103 103 103 103 103 103 103 103	168 40 42 0 394 104 109 20 17 0 0 149 26 0 0 0 940 110 0 0 0 0 0	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 314 120 61
K5ZD WD5K KN5DX AD5VJ K5WW United (KN6R0/4 (KN6R0) K6III W6AFA N6ZZ N6ZI K6ZZ W6ZI K6ZZ United N7EF N87V N7ZG United N81I W80HT K8ZEE W8GJ W88JUI KC8YEC United	States States States States States States States States States States States	43, 35, 8, 5, 5, Calll 163, 18, 13, 1, 1, Calll 599, 25, 3, Calll 225, 3, Calll	624 404 925 376 800 837 728 720 100 Arc 420 560 440 364 4477 180 Arc	132 166 652 13 102 288 103 102 288 23 10 171 40 19 3 102 288 969 103 20 171 40 19 3 20 171 40 19 103 20 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 288 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 102 103 103 102 103 103 103 102 103 103 103 103 103 103 103 103	168 40 42 0 394 104 109 20 17 0 149 26 0 0 149 26 0 0 0 940 110 0 0 0 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18
K5ZD WD5K KN5DX AD5VJ AD5VJ K5WW United (KN6R0/4 (KN6R0/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United N6XI K7RL N7BF NB7V N7ZG United N8II W80JT K8ZEE W8GJ W8GJ W83JUI KC8YEC United W9JU	States States States States States States States States States States States	43, 35, 8, 5, Call 163, 18, 13, 1, 40, 2, Call 599, 25, 3, Call 599, 11,	624 404 925 376 325 800 837 082 728 720 100 Are 0000 772 380 0772 27 Are 426 5560 440 364 477 180 Are	132 166 65 42 13 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 103 102 20 103 103 102 20 103 103 103 103 103 103 103 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 940 110 0 0 0 701	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 9 314 120 22 26 61 18
K5ZD WD5K KN5DX AD5VJ K5WW United (KN6R0/4 (KN6R0)/4 (KN6R0)/4 (KN6R0)/4 K6III W6AFA N6ZI N6XI K6ZI K6ZI W6XI K6ZI W6XI K6ZI W1 W6XI W1 K6ZI W1 W1 K8ZEE W8GJ W8BJUI KC8YEC United W9IU K9QVB/9 W9ILY	States States States States S L States S " " L " " L " " L " " L " " " " " " "	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, Call 40, 2, Call 599, 25, 3, Call 120, 11, 20,	624 404 925 376 325 Are 800 837 082 728 100 Are 426 560 440 364 447 180 Are 829 550 560	132 166 652 133 102 28 103 102 28 23 10 171 40 19 3 20 8 969 103 20 171 40 19 3 20 20 20 20 20 20 20 20 20 20	168 40 42 0 394 104 109 20 17 0 149 26 0 0 149 26 0 0 0 2701 83	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 22 61 18 229 70
K5ZD WD5K KN5DX AD5VJ K5WW United KK06R0/4 (KN6R0)/4 (KN6R0)/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United N6XI K6CSL United N8II W80J W81U K8ZEE W80J W80J W80JU K628YEC United W91U K90VB/9 W91LY United	States States States States S L States S " " L " " L " " L " " L " " " " " " "	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, 40, 2, Call 599, 25, 3, Call 599, 25, 3, Call 120, Call 1320, 11, 20, Call	624 404 925 376 325 Are 800 837 082 728 100 Are 426 550 550 550 Are 829 550 560 Are	132 166 65 42 13 102 28 28 20 103 102 28 20 171 40 19 3 20 103 20 103 20 103 20 103 20 103 102 28 28 28 20 20 20 20 20 20 20 20 20 20	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 940 110 0 0 0 701 83 130	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 9 314 120 22 26 61 18 229 70 80
K5ZD WD5K KN5DX AD5VJ K5WW United (KN6R0/4 (KN6R0)/4 (KN6R0)/4 (KN6R0)/4 K6III W6AFA N6ZI N6XI K6ZI K6ZI W6XI K6ZI W6XI K6ZI W1 W6XI W1 K6ZI W1 W1 K8ZEE W8GJ W8BJUI KC8YEC United W9IU K9QVB/9 W9ILY	States States States States States States States States States States States	43, 35, 8, 5, Call1 163, 18, 13, 1, 40, 2, Call1 599, 25, 3, Call1 320, 11, 20, Call1	624 404 925 376 325 Are 800 837 082 728 100 Are 426 560 440 364 447 180 Are 829 550 560	132 166 65 42 13 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 103 102 20 103 102 20 103 103 102 20 103 103 103 103 103 103 102 20 103 103 103 103 103 103 103 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 110 0 0 0 0 701 83 130	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 22 61 18 229 70
K5ZD WD5K KN5DX AD5VJ AD5VJ K5WW United KK6R0/4 (KN6R0) K6III W6AFA N6ZZ N6ZI K6CSL United K7RL N7BF NB7V N7ZG United N8II W80HT K8ZEE W8GJ W8GJ W8GJ W8GJ W8GJ W8GJ W8GJ W8GJ	States States States States States States States States States States States States	43, 35, 8, 5, 5, Calll 163, 18, 13, 1, 1, Calll 40, 2, Calll 599, 25, 3, Calll 320, 11, 20, Calll 1320, 11, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	624 404 925 376 325 800 837 208 728 720 000 27 80 27 28 720 000 27 28 720 000 27 28 720 000 27 28 720 000 27 28 720 827 20 000 27 28 720 80 00 27 60 20 550 550 550 550 550 550 616 616	132 166 65 42 13 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 28 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 102 20 103 103 102 20 103 102 20 103 103 102 20 103 103 103 103 103 102 20 103 103 103 103 103 103 103 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 110 0 0 0 0 701 83 130	106 85 64 210 91 62 36 18 10 125 42 20 9 314 120 22 61 18 229 70 80 86
K5ZD WD5K KN5DX AD5VJ K5WW United KN6RO/4 (KN6RO) K6III W6AFA N6ZZ N6XI K6CSL United N7RL N7BF NB7V N7ZG United N8II W80HT K8ZE W8GJ W88JUI K62SEC United W8GJU K8ZE W8GJU V000000000000000000000000000000000000	States States States S States S L States S L States S L States S L	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, 40, 2, Call 40, 2, 25, 3, Call 320, 11, 20, Call 1320, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	624 404 925 376 325 800 837 728 800 837 728 100 772 380 27 28 426 550 440 447 7180 4477 180 Are 829 550 560 Are	132 166 65 42 13 102 28 23 102 28 23 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 386 103 102 28 20 386 103 102 28 20 386 103 102 20 20 20 103 102 20 20 20 20 20 20 20 20 20	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 940 110 0 0 0 0 0 0 0 0 0 0 0 0 83 130 0 87 50	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18 229 70 80 80 86 54
K5ZD WD5K KN5ZD AD5VJ AD5VJ AD5VJ K5WW United KK6R0/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United N6ZZ N6XI K6CSL United N8TV N7ZG United N8II W80J W80J W80J W80JU K028YEC United W91U K9QVB/9 W91LY United K0KX AB00X W80YJT KC0EB	States States States States States States States States States States States States States	43, 35, 8, 5, 5, Call 163, 18, 13, 1, 1, 40, 2, Call 40, 2, 25, 3, Call 320, 11, 20, Call 1320, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	624 404 925 376 325 Are 800 837 0822 720 100 Are 9000 772 380 27 Are 426 5560 440 364 447 7180 Are 829 5560 Are 620 620 620 602	132 166 655 103 102 288 23 10 102 288 23 10 171 40 19 3 20 171 40 19 3 20 8 9699 103 20 171 40 19 3 20 28 8 963 103 20 28 8 963 20 12 28 8 963 20 13 102 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 20 12 28 8 963 20 12 20 13 102 28 103 102 28 103 102 103 102 28 103 102 20 103 102 20 103 103 103 102 20 103 103 103 103 103 104 103 102 20 103 103 103 103 103 103 103 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 940 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 130 0 149 26 10 0 149 26 10 0 177 0 149 26 10 177 0 149 20 177 0 177 177 177 177 177 177 177 177	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18 229 70 80 80 80 84 46
K5ZD WD5K KN5DX K5WW United KN6RO/4 (KN6RO) K6III W6AFA N6ZI W6AFA N6ZI W6AFA N6ZI W1 K6CSL United N7RL N7BF NB7V N7ZG United N8II W80HT K8ZE W8GJ WB3JUI K08YC United W9IU K9QVB/9 W9ILY United K0KX AB00X WB0YJT KC0DEB West Ma	States States States States States States States States States States States States	43, 35, 8, 5, Call1 163, 18, 13, 1, 40, 2, Call1 599, 25, 3, Call1 599, 25, Call1 199, 25, Call1 40, 2, 2, Call1 103, 10, 11, 2, Call1 11, 3, 11, 40, 2, 2, 5, Call1 11, 3, 11, 12, 12, 12, 12, 12, 12, 12, 12, 12	624 404 925 376 325 800 837 728 100 Are 720 100 Are 426 560 440 364 477 180 Are 620 616 002 684	132 166 65 42 13 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 103 102 28 20 103 102 28 20 103 102 20 20 20 103 102 20 20 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 107 107 107 107 107 20 107 107 107 20 107 107 107 107 20 107 107 107 107 20 107 107 107 107 107 107 20 107 107 107 107 107 107 107 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18 229 70 80 86 54 46 61
K5ZD WD5K KN5ZD AD5VJ AD5VJ AD5VJ K5WW United KK6R0/4 (KN6R0) K6III W6AFA N6ZZ N6XI K6CSL United N6ZZ N6XI K6CSL United N8TV N7ZG United N8II W80J W80J W80J W80JU K028YEC United W91U K9QVB/9 W91LY United K0KX AB00X W80YJT KC0EB	States States States States States States States States States States States States States	43, 35, 8, 5, Call1 163, 18, 13, 1, 40, 2, Call1 599, 25, 3, Call1 599, 25, Call1 199, 25, Call1 40, 2, 2, Call1 103, 10, 11, 2, Call1 11, 3, 11, 40, 2, 2, 5, Call1 11, 3, 11, 12, 12, 12, 12, 12, 12, 12, 12, 12	624 404 925 376 325 Are 800 837 0822 720 100 Are 9000 772 380 27 Are 426 5560 440 364 447 7180 Are 829 5560 Are 620 620 620 602	132 166 655 103 102 288 23 10 102 288 23 10 171 40 19 3 20 171 40 19 3 20 8 9699 103 20 171 40 19 3 20 28 8 963 103 20 28 8 963 20 12 28 8 963 20 13 102 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 103 20 12 28 8 963 20 12 28 8 963 20 12 20 13 102 28 103 102 28 103 102 103 102 28 103 102 20 103 102 20 103 103 103 102 20 103 103 103 103 103 104 103 102 20 103 103 103 103 103 103 103 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 940 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 130 0 149 26 10 0 149 26 10 0 177 0 149 26 10 177 0 149 20 177 0 177 177 177 177 177 177 177 177	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18 229 70 80 80 80 84 46
K5ZD WD5K KN5DX K5WW United KN6RO/4 (KN6RO) K6III W6AFA N6ZI W6AFA N6ZI W6AFA N6ZI W1 K6CSL United N7RL N7BF NB7V N7ZG United N8II W80HT K8ZE W8GJ WB3JUI K08YC United W9IU K9QVB/9 W9ILY United K0KX AB00X WB0YJT KC0DEB West Ma	States States States States States States States States States States States States	43, 35, 8, 5, Call1 163, 18, 13, 1, 40, 2, Call1 599, 25, 3, Call1 599, 25, Call1 599, 25, Call1 40, 2, 2, Call1 163, 18, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	624 404 925 376 325 800 837 728 100 Are 720 100 Are 426 560 440 364 477 180 Are 620 616 002 684	132 166 65 42 13 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 23 10 102 28 20 103 102 28 20 103 102 28 20 103 102 20 20 20 103 102 20 20 103 103 104 20 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 103 20 107 107 107 107 100 20 107 107 107 107 20 107 107 107 107 107 20 107 107 107 107 107 107 107 10	168 40 42 0 394 104 109 20 17 0 149 26 0 0 0 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 85 64 25 210 91 62 36 18 10 125 42 20 9 314 120 22 26 61 18 229 70 80 86 54 46 61

Disqualification -none-

Checklogs

Many thanks to the following stations submitting checklogs:

4N7TA,	4z5MV,	7S1SJ	, A3JM	, AB8S,
AJ1MK,	BG1LKK,	DAØ	YY, D	AØYY/K1,
DB4ST,	DC9ZB, D	FØSX,	DFØSX,	DFØSX,
DF4A, I	G1BQC, DI	H5MM,	DJ4EW,	DL8DLX,
DL8UCC,	DOØYY,	DOØ	ZZ77,	EA1AWW,
IØKHP,	IK2SNG,	JA	laat,	JA2BGX,
JG1BVI,	JG2REJ,	JH3DN	IQ-QRP,	JR3KAH,
K9QVB,	KB1KNU,	L2OH,	LW1E,	LY2BO,
LZ5FF,	MMØDXH, N	14MM, (OK1AJR,	OK2SWD,
OZ5EV,	PS8ET, RA	AlZM,	RA4NCC	, RU3EJ,
SM6FJY,	SP1DMD	, SP	5ELM,	SP7HOV,
SP9IWT,	SP9MDY	, S	29IWT,	ST3HF,
SV1BFW,	SV2XV,	UA1	CUR,	UA9ZZZZ,
UN7MM,	UN7MMM,	UR7	M, US	-Q-2115,
USQ2115	, VR3XLN	, YM1	25ATA,	YO2BPZ,
YO4AAC,	YO6DN, YO	O8BDW,	YU1EG,	Z37M.

Station Operators

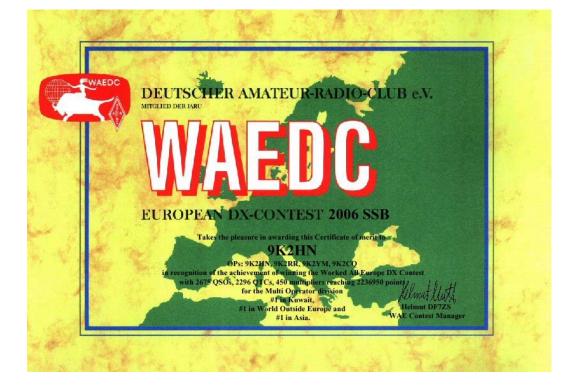
9K2HN: 9K2HN. 9K2RR. 9K2YM, 9K2CO; BY10H: BD1FBV, BG1IXH, BG1NAL; C4M: 5B4AGM, UA9CLB;DH9LC; DKØOD: DG7RO, DL2MDU; DKØOG: DL3MGB, DL8MDD; DKØWK: DL3ARK, DL5ASE; DK2NE: DK2NE; DK2R: DJ1ZU, DH1RN, DJ6RA, DF6EG, DC2RTL; DK4TO: DK4TO. DO3AG; DLØAD: DK1KBB, DLØBOV: DF2CH DL4DZ; DH1TS; DLØC: DH2UAI, DL8UKE; DLØCS: DK2OY, DL3LAB, dl5xat, DL8LAQ; DLØGD: DD10P, DF4AJ, DF4AK, DJ2KH, DJ3HW, DJ7LB; DLØQS : DL80S. DJ6BS, DL4ME; DL8NAS: DL8NAS, DK5NAD; DO4WA; DM5EL: DK3WC DL3VTA DF2CK DM5EL; DP3A: DM9CM, DF9IX. DK2GZ; DQ4T: DL2YOU, DC8SG. DL6TAK. DL9FBG, DD2SMA, DJ9KM, DF7ZS; DQ4W: DD1LD, DL1MBG, DL6RAI; DR1A: DK7MCX, DB6JG, DF6JC, DJ7EO, DL3DXX, DL6FBL,

D01; DR5X: DL8LAS, DL9EE; F6KNB: F6KNB; GD61A: DF1LON, DL1ECG; HG1S: HA1TJ, HA1DAI, HA1DAC, HA1DAE; K3DI: W3UL, K3DI; KD4D: KD4D, N3HBX, NN3W. NI1N, K4ZW; LN9Z: LA5KO, LA9HW; M4U: GØDVJ MØZZO, 2EØXIS, MØMJH, G3YYZ; PU2MUJ, PU2MXU, PY2EX, PY2ERA: PY2RH PY2VZ, PY2ZR; RK3AWK/P: ?; RK3MWD: RA3MF RU3MI RV3MI RW3MR UA3MOH UA3MOM; RK9CWW: RA9CMO, UA9CIR; RN9SXX: RW9SW, RV9SV, RX9SN, UA4LCO; RW3WWW: RW3WW, RA3WNS, UA3WF, RA3WUV; RW4NA; SN2K: SP2FWC RZ4NWA: RW4NM, SP2IST; SP8KEA: 2; UU5A: UU2JO UU7J: UU5YL. UUØJI.; TITIØJTM UU1AZ UU4JMG UT5UGR UUØJX UR7EU UR3EZ UU8JK UU5MAF; UW7W: UR5WCW, UT7WZ; VE3MIS: VE3IMG, VA3OBR, VE3WG, VE3MA; VE9MY: ?; W3ADC: W3ADC, W3ADX; ZW5B: PY5EG, PY5KD, PY5HSD, PY5JO, PY5CC, PU5RAS; PP5JR, PY2WC, PP5AMP, 7.X 5.T : PP5TR, PP5FMM.

Soapbox Comments

850C: Nice contest but difficult to work with 100 W into a W3DZZ antenna on all bands, since conditions very poor. DL1DAW: In mourning I dedicate this contest to Wolfgang, DG9DM, who passed away after we have finished the contest. We lost a good and always helpful friend. In memorial, DP4N: QTCs Achim, DL1DAW. are fun EI9FVB: Enjoyed the contest and worked some new DXCC at the same time. Really enjoyed using EI5DI SD contest logger. F5LIW: I affirm that I didn't used spotting nets. HB9TQG: Only time for a few QSO's on 20 and 15, no Running possible with 100W and 2El SteppIR, but a lot of fun! Hope

next year's WAE-Weekend is free of Business!! .12WIJ: Just a couple of hours (literally!), and even in this short time frame, Mr. Murphy found the way to pay me a visit, and to leave a broken pc-radio serial link behind him! What a man! At least I had the chance to say hello to some friends just met down there in Brazil! Bob, I2WIJ **IZØBTV:** I used SD for logging - it's great. **JF4GWA:** I glad to meet ΕU was very many stations at once for the first time. Sorry for my weak signal. I wish I had a beam antenna. See you again and 73. **JO7KMB:** 15m band opened for Europe on 2nd day afternoon. Enjoyed QTC traffics as usual. K3DI: Great contest. K4YKZ: After 27 years of contesting with the Drake TR7, K4YKZ has finally upgraded an IC-756, Pro3. So far, up to page 71 in the instruction manual. HI **LX71:** This was 71 again a real nice Contest, due to some other activities I was not able to be active the full 36hours. Cu next Year 73s de Philippe LX2A (exLX2AJ) LX7I NLAPI: Thanks to the European stations for my BEST effort than despite less vet optimum conditions. I missed the WAE last year because of a massive lightning hit to my station. After rebuilding, it's great to be back! OM2VL: My first contest in SSB part. Great USA on 20m. ON5WL: Nice condx to contest like every year but some more activity would be fine. Best QSO were JA and PY on 40 m. I used SD to log the contest. It works good. Till next vear. 73. Leon ON5WL.



Your online certificate!

One of the brand new changes for the 2006 WAEDC season was the introduction of the online certificates. No more waiting, no more lost mail, no more photocopying for the team members. With the online release of the results, you can immediate print and save your own certificate. The certificates will be created automatically out of our results database and can be downloaded from the webseite as a PDF file. Apart from saving a few thousand Euros each year on printing and postage, we will also have certificates for every participant. In some discussions the opinion came up, that the WAEDC certificate is nothing worth anymore when "anyone" can have one? Wrong - you still want to have your first rank on it, but if you are happy wit a 10th place in your category, ,why not diplay it on your shack wall. And what a great fun it will be replacing the 10th place of 2006 with an even better rank in 2007! If you have trouble printing your certificate and still want an original paper version, please feel free to contact Ric waedc-info@dxhf.darc.de for terms and conditions.

Of course the continental winner plaques will still be the metal ones you know.

52nd European DX-Contest (WAEDC) RTTY 2006 Results by Helmut Müller, DF7ZS (df7zs@dxhf.darc.de) WAE-DX-Contest-Team: DK9TN DJ1YFK DL1MGB DL2LAR DL2YOU DL6MHW DL6OCK DL8MBS DL8WPX DL8WX DL9ZWG

	Top Score		0.50						OTCa	M 1	+i~1i					
	Call	Score	QSC 80	40	20	15	10	all	QTCs	80	tipli 40	er 20	15	10	all	
	Top Ten Sir Europe	ngle Operator														
	UW8I LY2IJ	1,911,847 1,817,451	225 372	466 480	460 403	222 97	20 3	1393 1355	1024 1078	200 212	255 237	166 176	140 116	30 6	791 747	
	RD3A	1,761,750	241	477	533	208	18	1477	773	204	225	194	134	26	783	
Continental Winners	LZ8A	1,655,400	241	334	561	241	10	1387	938	176	186	178	158	14	712	
Continental Winners	UR5QU RU6LA	1,404,804	161 164	426 490	375 337	165 50	18 27	1145 1068	859 672	152 172	231 252	170 146	124 48	24 32	701 650	
Single Operator	SP4TXI	1,131,000 987,128	271	235	268	127	27	901	613	192	192	148	120	52	652	
Africa 7XØRY	DL5NAM	920,663	283	91	393	133	0	900	637	204	123	174	98	0	599	
Asia ZC4LI Europe UW81	RW4PL YU7AE	835,890 815,952	152 258	237 197	277 282	200 81	6 0	872 818	618 710	140 172	165 150	130 140	120 72	6 0	561 534	
North America KM4M	10/AL	015,952	200	197	202	01	0	010	/10	1/2	100	140	12	0	224	
Oceania ZL2AMI		_														
South America ZX2B	Top Ten Sir Outside Eur	ngle Operator														
Single Operator/LP	ZX2B	2,371,068	20	197	371	520	144	1252	2240	68	189	158	172	92	679	
Africa CN8KD Asia UN7PBY	7XØRY	2,071,380	298	345	647	172	0	1462	1540	212	198	166	114	0	690	
Asia UN7PBY Europe UT9FJ	ZC4LI CT3EN	1,753,738 1,460,796	224 70	367 303	329 389	529 289	18 1	1467 1052	1060 1779	184 108	192 162	146 124	156 120	16 2	694 516	
North America 8P2K	RG9A	1,439,060	160	303	348	268	3	1082	1578	152	159	126	98	6	541	
Oceania YB2ECG South America PY2NY	KM4M	1,405,985	118	311	563	203	0	1195	1168	148	183	156	108	0	595	
South America PY2NY	EX2M K4GMH	1,233,628 1,069,320	38 141	263 300	403 368	391 93	48 0	1143 902	1189 974	68 144	153 192	144 156	122 78	42 0	529 570	
Multi Operator	W1BCD	1,041,352	92	194	440	207	6	939	829	132	183	158	110	6	589	
Africa - Asia UA9UZZ	VA1CHP	869,245	117	261	345	97	2	822	733	136	195	134	92	2	559	
Asia UA9UZZ Europe UU7J																
North America WØLSD	Top Ten Sir	ngle Operator	/LP													
Oceania - South America LT1D	Europe	1 241 100	195	205	410	0.0	-	1076	0.5.1	104	0.2.4	1.0	0.0	1.0	606	
South America LIID	UT9FJ ZA/DL2RMC	1,341,192 931,032	175 324	385 247	413 557	96 113	7 4	1076 1245	851 299	184 196	234 147	168 150	98 104	12 6	696 603	
SWL Category	YU7AM	739,271	219	194	220	106	2	741	646	160	147	112	110	4	533	
Africa - Asia -	LZ9R	727,545	140	287	422	106	4	959	406	152	159	132	82	8	533	
Europe ONL383	UA3SAQ ON6NL	605,880 550,310	164 161	349 140	224 172	94 85	1 0	832 558	290 572	156 156	186 141	94 120	102 70	2 0	540 487	
North America -	F6FJE	518,090	233	200	151	86	0	670	360	152	171	106	74	0	503	
Oceania YB-INS-99 South America -	SP9UNX	491,400	236	163	183	40 65	0	622	428	168	138	116	46 58	0 2	468	
South America	DL1DTL RV3QX	478,062 453,010	158 190	119 268	201 255	65 97	1 1	544 811	509 79	140 152	126 177	128 120	58	2 2	454 509	
	Top Ten Sir Outside Eur	ngle Operator	·/LP													
	CN8KD	1,392,882	59	429	493	471	0	1452	1137	96	198	118	126	0	538	
	UN7PBY	1,251,648	153	337	244	226	25	985	1188	156	192	96	108	24	576	
	8P2K UAØAGI	990,030 864,892	79 109	341 176	351 262	256 171	85 12	1112 730	718 834	120 136	159 159	126 132	102 110	34 16	541 553	
Results by Country	PY2NY	779,856	13	90	202	290	35	630	1058	36	132	136	120	38	462	
Construction of the second second	4Z5CP	728,770	2	267	309	242	21 8	841	954	4 92	174 96	112	100	16	406	
Groups behind callsign denot DOK (Germany only), category		642,142 567,240	54 103	126 126	212 266	198 148	o 5	598 648	1083 656	80	123	92 124	88 100	14 8	382 435	
score, QSOs, QTCs and	W3LL	532,140	93	100	319	150	5	667	600	68	114	132	98	8	420	
multiplier.	EA8/DJ1OJ	496,980	25	138	172	95	2	432	823	68	150	110	64	4	396	
The abbreviated categories a	re: Top Six Mul	lti Operator														
S = Single Operator	Europe															
L = Single Operator/LP M = Multi Operator	UU7J Z37M	2,536,434 2,007,369	270 367	577 463	482 453	329 237	24 8	1682 1528	1081 923	248 264	282 243	192 136	158 160	38 16	918 819	
W = SWL Category	DP9A	1,447,712	359	265	320	89	9	1042	925	232		172	100	16	736	
	OK1KSL	672,777		122	258	54	0	685	582		129	144	58	0	531	
A dash '-' after the callsig indicates that packet spotti		536,425 521,850		135 143	262 193	36 76	0 1	629 717	446 277		153 153		48 62	0 2	499 525	
was not used ("unassisted").	iig Dibito	521,050	501	115	195	70	-	717	277	200	100	100	02	-	525	
	Top Six Mul Outside Eur	lti Operator														
	UA9UZZ	728,908	143	406	355	317	2	1223	0	132	204	118	138	4	596	
	WØLSD	558,465	89	233	338	101	13	774	427	76	159	142	74	14	465	
	RK9JWR K3DI	508,274 324,225	42 73	117 160	244 275	214 88	0 0	617 596	852 229	52 76	96 135	106 120	92 62	0 0	346 393	
	K3DI LT1D	324,225 252,192	/3	25	275 142	88 226	37	596 430	422	/6 0	135 66	120 90	62 110	30	393 296	
	W5CTV	40,970	1	46	76	18	2	143	98	4	60	76	28	2	170	
	Top SWL Cat	egory														
	Europe															
	ONL383	354,123	0	0	0	0	0	345	312	0	0	0	0	0	539	
	Top SWL Cat	egory														
	Outside Eur	rope														
	YB-INS-99	1,7	00	0	0	0	0	0	35	15	0	0	0	0	0 3	4

Europe						R U
Albania ZA/DL2RMC	L	931,032	1245	299	603	R
Azores						R U
CU2JT	S	613,638	993	321	467	U
Dolomua						R
Belarus EW1NM	L	13,938	101	0	138	U
EW1NA	"	2,920	40	0	73	R
Belgium						U
ON4QX	S	742,896	766		528	U R
OT7E ON3DSG		69,649 8,360		0	289 76	U
ON6NL	L	550,310			487	U
ON4CT 005D		276,120 175,125			390 375	R
ON6UF	"	99,000			300	U
ONGAT		80,102			242 185	R U
ON6OM ON4BG		37,555 14,800			148	R
OQ4A	"	2,970			66	R
ON8VM/QRP ONL383	w W	416 354,123		0 312	26 539	R
Bosnia-He T98U	rzegov	vina 28,600	143	0	200	F
Bulgaria						D
LZ8A		L,655,400		938		E
LZ2ZG LZ9R	" L	3,850 727,545		0 406	77 533	D
	ц	121,040	צננ	-100	ددر	E
Czech Rep		621 610	026	200	557	D D
OK2SFP OK2SG	S "	621,612 362,448			557 432	D
OK1AZK	"	80,808			273	E E
OK2CLW OK2PAD	L "	415,401 162,998			453 341	D
OK2SVL	"	118,215	355	0	333	D
OK1ACF OK2VP		100,426 32,870			298 190	D D
OK2SAR	"	4,366			74	D
OK1KSL OK2-9329	M W	672,777 29,605			531 191	D
UKZ-9329	VV	29,005	199	0	191	D
Denmark	Ŧ	220 100	447	105	270	E E
OZ9GA OZ0F	L "	330,488 74,168			379 254	D
OZ1DGQ	"	4,104	54	0	76	E E
England						E
GOHDV	S "	134,472	421 520		312	D D
G2FL G0MTN		247,380 157,410	318		399 318	D
G3RSD	"	116,424		111		E E
MOCKE G4KXG		52,072 39,550	143 165		184 226	D
G7TMU	"	28,960	160	0	181	E
2E0ZEO G6CSY		28,644 26,578	132 137		217 194	E E
GEOKU	"	15,678	109	8		E
G3LHJ		8,208 6,080	114 64	0 0	72 95	I I
G4EMT M5AAV		4,964		0	68	E
GOAZS	"	1,920	30	0	64	I I
Estonia						E
ES4MM	L "	209,682			353	I I
ES1GF		16,264	99	8	152	D
European		757 510	760	7 / 1	E 0 4	I I
I1COB IZ5CMG	S "	757,512 145,665	762 415	741 0	504 351	Γ
12SVA	"	76,734	213	396	126	D D
IC8POF IV3XZG		75,888 5,490	232 51	176 10	186 90	Ľ
IKOEIE	L	241,128	437	175	394	E
IK1SOW IV3ARJ		129,774 98,580			258 310	E E
LVJARU		98,580 60,879			310 273	E
IK2YSJ		30,394	102	80	167	D
IOKHP		24,552	132 123		186 132	D
IOKHP I1BAY		10,730			128	I
IOKHP I1BAY IZ5HQB IK3CST		16,236 14,464			<i>c</i> -	
IOKHP I1BAY IZ5HQB IK3CST IZ2GIU		14,464 13,524	147		92 499	
IOKHP I1BAY IZ5HQB IK3CST		14,464	147 629	446	92 499 239	I I
IOKHP I1BAY IZ5HQB IK3CST IZ2GIU IQ1AO I1-12387	" " M W	14,464 13,524 536,425 67,637	147 629	446	499	
IOKHP I1BAY IZ5HQB IK3CST IZ2GIU IQ1AO	" M W Russia	14,464 13,524 536,425 67,637	147 629	446 0	499	
IOKHP IIBAY IZ5HQB IK3CST IZ2GIU IQ1AO II-12387 European RD3A RU6LA	" M W Russia S	14,464 13,524 536,425 67,637 a L,761,750 L,131,000	147 629 283 1477 1068	446 0 773 672	499 239 783 650	
IOKHP IIBAY IZ5HQB IK3CST IZ2GIU IQ1AO II-12387 European RD3A	" M W Russia	14,464 13,524 536,425 67,637 a 1,761,750 1,131,000 835,890	147 629 283 1477 1068 872	446 0 773 672 618	499 239 783	
IOKHP IlBAY IZ5HQB IK3CST IZ2GIU IQ1AO I1-12387 European RD3A RU6LA RW4PL	" M W Russia S "	14,464 13,524 536,425 67,637 a L,761,750 L,131,000	147 629 283 1477 1068 872 993 505	446 0 773 672 618 0 350	499 239 783 650 561	

RA3BB UA3QGT RN3BD RZ3FR RD3AL UA4RZ UA3SAQ RV3QX RA6AFB UA4HJ RA3VIA RN6DR UA4CC UA3XAC RW6AH UA3TN UA3TN UA3TN UA3RW	" " " " " " " " "	157,200 56,862 49,852 36,309 15,162 8,694 605,880 453,010 382,800 295,500 139,320 121,905 119,834 108,400 105,726 93,960 68,456	466 234 165 247 114 69 832 811 680 610 324 288 290 382 290 344	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
RZ3DX	" " " " " " " " " " " " " " " " " " "	59,731	193	178 161
RUGYJ		49,880	232	0 215
UA3EAY		49,042	217	0 226
RA4HL		26,720	167	0 160
UA4FX		18,338	86	20 173
RU3PU		15,500	100	0 155
RA6XB		9,990	74	0 135
RA3UAG		4,620	55	0 84
RW3QF		3,266	46	0 71
Fed. Rey DL5NAM DL3LBP DJ3NG DJ3IW DL4R DL5JS DR5X DL1ZBO DL4KW DL1ARJ DL5YM DL02WB DL5YM DL3RJ DL5YM DH0GHU DH3RB DK7ZT DF3IS DP4N DJ2IA DJ4PI DJ4VI DJ55RX DL5KUR DL2UH DF5RX DL5KUR DL2UH DS9EX DJ2IA DL5KUR DL2UH DS9EX DJ2SL DL5KUR DL2UH DS9EX DJ2SL DL5KUR DL2UH DJ2VE DL5KUR DL2UH DJ4V DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DJ2SL DL5KUR DL2UH DJ6QT DL3AWB DJ4KW DJ4KW DJ4KW DJ4KW DJ4KW DJ4KB DL2IAN DJ5A DM3HZN DL5A DL3AMB DL2IAN DL5A DM3HZN DL5A DM3HZN DL5A DM3HZN DL5A DM3HZN DJ6UH DL3AWB DJ6UH DL9EE DK8EY DJ6CK DJ1UU DJ6CK DJ1UU DJ6CK DJ1UU DJ6CK DJ1UU DL6CK DJ1UU DL6CK DJ1UU DL6CK DJ1UU DL6CK DJ1UU DL6CK DJ1C DL4MB DJ6CK DJ2CC DJ1UU DJ6CK DJ1CC DJ1C DL3DC DJ1L1 DL3DCN DJ0CY DD1C DL4UU	p. of Ge B31 S B30 " B07 " B07 " U13 " U13 " U13 " U13 " Q06 " X28 " G06 " X28 " Y21 " A30 " Y21 " A36 " Y27 " A36 " Y27 " A36 " Y27 " A36 " Y27 " R11 " F20 " R11 " F20 " G06 " K23 " S27 " X06 " K23 " M03 " K23	<pre>Pace set of the s</pre>	$\begin{array}{c} 900\\632\\551\\473\\5208\\375\\395\\417\\385\\395\\417\\258\\395\\417\\258\\395\\417\\258\\118\\1207\\210\\217\\118\\262\\110\\212\\212\\0\\110\\212\\212\\110\\212\\212$	637 599 783 553 729 526 735 432 588 487 487 438 519 432 525 417 426 409 340 392 301 412 413 329 265 350 136 203 164 214 41 258 10 207 39 149 9 231 10 207 39 149 9 193 88 136 0 231 10 207 39 149 9 193 88 136 0 210 0 161 51 104 0 100 0 447 313 375 </td
dl5jbw	Y14 "	67,045	233	20 265
Dl9AS	K28 "	64,524	228	0 283

DL3SCN PI					
	14 "	61,180	230	0 266	
	12	59,318	168	98 223	
	16 "	57,936	202	70 213	
DL2AL X(05 "	50,328	200	33 216	
DL6EZ R(01 "	42,824	178	24 212	
DL6UAM Y2	24 "	41,616	204	0 204	
	54 "	38,250	151	19 225	
	1.5	35,776	172	0 208	
DL5JWL S6	65 "	34,277	151	0 227	
DF4WC F3	39 "	31,360	128	68 160	
DK1AUP X(05 "	27,263	107	92 137	
	09 "	25,988	146	0 178	
	20	20,280	120	0 169	
DL9NEI B2	25 "	20,010	115	0 174	
DC2VE Q0	05 "	18,720	104	0 180	
DL6RAI U(08 "	17,825	115	0 155	
	14 "	13,493	103	0 131	
	15	12,760	88	0 145	
DL3AWI X(06 "	11,122	83	0 134	
DF5SI S2	28 "	10,070	51	44 106	
DL8ZAJ F(09 "	8,448	86	42 66	
DL1THB V1		8,200	72	10 100	
	00	7,800	100	0 78	
	02 "	7,546	77	0 98	
DK5WJ KO		5,880	49	0 120	
DL5SWB V1	14 "	5,396	76	0 71	
DL4EAX R2	22 "	3,476	44	0 79	
DL6ABB H		3,280	40	0 82	
	27	3,139	43	0 73	
	17 "	2,400	40	0 60	
DL8AWK X3	31 "	740	20	0 37	
DL7DZ I	11 "	672	28	0 24	
			1042	925 736	
		521,850	717	277 525	
DF5A VI		349,788	432	417 412	
DN1JC	"	267,732	588	78 402	
DKOWK X3	36 "	150,421	349	70 359	
DEOMBS	W	255,118	469	172 398	
DE1NCH F1	1)	248,832	438	210 384	
DL-P01-172	291"	227,500	339	536 260	
DEOWAF	"	46,056	202	0 228	
DE3BAR I3	37 "	19,250	76	49 154	
	33 "	396	22	0 18	
2212112 0.		550		0 10	
77 / 10 A 10 A					
Finland					
OH7UE	S	554,528	820	298 496	
OH2LU		373,296	580	228 462	
OH8JT		55,680	182	10 290	
		19,152	114	0 168	
OH7JJT					
OH7A	L	166,242	426	192 269	
OH2HUH	"	21,754	149	0 146	
OH8VJ		13,254	94	0 141	
OH2JLN		15,251	21		
OHZJLIN		0 0 0 2 2	71		
		8,023	71	0 113	
OH8GZQ	"	2,000	40	0 113 0 50	
		2,000 1 0	40 3		
OH8GZQ OH2TI	" " 3	2,000 1 0	40 3	0 50	
OH8GZQ	"	2,000	40 3	0 50	
OH8GZQ OH2TI OH2K	" " 3	2,000 1 0	40 3	0 50	
OH8GZQ OH2TI OH2K France	" 3 M	2,000 1 0 126,825	40 3 347	0 50 98 285	
OH8GZQ OH2TI OH2K France F8BNN	" "3 M S	2,000 1 0 126,825 287,776	40 3 347 517	0 50 98 285 219 391	
OH8GZQ OH2TI OH2K France	" 3 M	2,000 1 0 126,825	40 3 347 517	0 50 98 285 219 391	
OH8GZQ OH2TI OH2K France F8BNN	" "3 M S	2,000 1 0 126,825 287,776 518,090	40 3 347 517	0 50 98 285 219 391 360 503	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP	"3 M S L	2,000 1 0 126,825 287,776 518,090 155,572	40 3 347 517 670 390	0 50 98 285 219 391 360 503 47 356	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT	"3 M S L "	2,000 1 0 126,825 287,776 518,090 155,572 148,694	40 3 347 517 670 390 359	0 50 98 285 219 391 360 503 47 356 135 301	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD	" 3 M S L "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372	40 3 347 517 670 390 359 354	0 50 98 285 219 391 360 503 47 356 135 301 50 293	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F6HRP F5VBT F5SD F5SLCU	" 3 M S L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840	40 3 347 517 670 390 359 354 298	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD	" 3 M S L "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372	40 3 347 517 670 390 359 354	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5SRD F5LCU F6FTB	" 3 M S L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560	40 3 347 517 670 390 359 354 298 199	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA	" 3 M S L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 9,840 76,560 22,440	40 3347 517 670 390 359 354 298 199 210	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5SRD F5LCU F6FTB	" 3 M S L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560	40 3 347 517 670 390 359 354 298 199	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5VBT F5LCU F6FTB F5ODA F5PHW	" 3 M S L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 9,840 76,560 22,440	40 3347 517 670 390 359 354 298 199 210	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5FD F5VBT F5FD F5LCU F6FTB F5ODA F5PHW Greece	" 3 M S L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976	40 3 347 517 670 390 359 354 298 199 210 88	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5VBT F5LCU F6FTB F5ODA F5PHW	" 3 M S L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518	40 3 347 517 670 390 359 354 298 199 210 88	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5FD F5VBT F5FD F5LCU F6FTB F5ODA F5PHW Greece	" 3 M S L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976	40 3 347 517 670 390 359 354 298 199 210 88	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5FD F5LCU F6FTB F5DDA F5DDA F5PHW Greece SV1CIB	" 3 M S L " " " " " " S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518	40 347 517 670 390 359 354 298 199 210 88 295	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5LCU F6FTB F5ODA F5DHW Greece SV1CIB SV1BJW	" 3 M S L " " " " " " S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518	40 347 517 670 390 359 354 298 199 210 88 295	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5VD F5LCU F6FTB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey	" 3 M S L " " " " " S L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584	40 347 517 670 390 359 354 298 199 210 88 295 469	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5LCU F6FTB F5ODA F5DHW Greece SV1CIB SV1BJW	" 3 M S L " " " " " " S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518	40 347 517 670 390 359 354 298 199 210 88 295 469	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP	" 3 M S L " " " " " S L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584	40 347 517 670 390 359 354 298 199 210 88 295 469	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6FJE F5VBT F5VBT F5VBT F5VD F5LCU F6FTB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey	" 3 M S L " " " " " S L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584	40 347 517 670 390 359 354 298 199 210 88 295 469	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary	" 3 M S L " " " " " S L L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030	40 3347 517 670 390 359 298 199 210 88 295 469 429	0 50 98 285 219 391 360 503 47 356 155 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI	" 3 M S L " " " " S L L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970	40 3347 5177 6700 359 354 298 199 210 88 295 469 429 658	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 72 154 0 336 348 390 536 505	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE	" 3 M S L " " " " " S L L S "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675	40 3347 517 670 359 354 298 199 210 88 295 469 429 429 658 279	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH	"3 M SL"""" " SL L S"L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880	40 3347 5177 6700 359 354 298 99 210 88 295 469 429 429 658 279 702	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5CD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU	"3 M SL"""" "SL L S"L"	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798	40 3347 5177 6700 359 354 298 299 210 88 295 469 429 429 658 279 702 117	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH	" 3 M S L " " " " S L L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880	40 3347 5177 6700 359 354 298 99 210 88 295 469 429 429 658 279 702	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5CD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU	"3 M SL"""" "SL L S"L"	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368	40 3347 5177 6700 359 354 298 299 210 88 295 469 429 429 658 279 702 117	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 0 174 0 84	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA12H HA30U HA8BE	" 3 M S L " " " " S L L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798	40 3347 5177 6700 359 2298 299 210 88 295 469 429 658 279 702 658 279 702 117 52	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 0 174 0 84	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA5UY	" 3 M S L " " " " S L L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368	40 3347 5177 6700 359 2298 299 210 88 295 469 429 658 279 702 658 279 702 117 52	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 0 174 0 84	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5CU F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH	"3 M SL"" "" SL S"L""	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340	40 3347 5177 6700 359 354 298 199 210 88 295 469 429 429 658 279 702 117 52 39	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 56 305 166 305 0 440 60 174 0 84 0 60	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA5UY Ireland EI4DW	"3 M SL""""" SL L S"L"" S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700	40 3347 517 6700 359 354 298 1999 210 88 295 469 429 429 429 658 2799 2117 52 39 301	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 60 174 0 84 0 60 124 284	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5CU F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH	"3 M SL"" "" SL S"L""	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340	40 3347 5177 6700 359 354 298 199 210 88 295 469 429 429 658 279 702 117 52 39	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 60 174 0 84 0 60 124 284	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA3BE HA5UY Ireland E14DW E19ES	"3 M SL""""" SL L""" SL	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700	40 3347 517 6700 359 354 298 1999 210 88 295 469 429 429 429 658 2799 2117 52 39 301	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 60 174 0 84 0 60 124 284	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA5UY Ireland EI4DW	"3 M SL""""" SL L""" SL	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48	40 3347 517 6700 359 354 298 1999 210 88 295 469 429 429 429 658 2799 2117 52 39 301	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 60 174 0 84 0 60 124 284	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA3BE HA5UY Ireland E14DW E19ES	"3 M SL""""" SL L""" SL	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700	40 3347 517 6700 359 354 298 1999 210 88 295 469 429 429 429 658 2799 2117 52 39 301	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 0 440 60 174 0 84 0 60 124 284	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH	" 3 M S L " " " " S L S " L " " " S L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48	40 3347 5177 6700 359 354 298 199 210 88 295 469 429 429 658 279 702 117 52 39 301 4	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 0 440 60 174 0 84 0 60 124 284 0 12	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5ODA F5PHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA12H HA30U HA8BE HA5UY Ireland EI4DW EI9ES Kaliningra	" 3 M S L " " " " S L S " L " " " S L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48	40 3347 5177 6700 359 354 298 199 210 88 295 469 429 429 658 279 702 117 52 39 301 4	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 0 440 60 174 0 84 0 60 124 284 0 12	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA5UY Ireland E14DW E19ES Kaliningra	"3 M SL "" " " SL L SL L L L L L L	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604	40 3347 5177 6700 359 354 298 409 210 88 295 469 429 658 279 702 1177 52 39 3011 4 31	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174 0 84 0 60 124 284 0 12 0 84	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA3OU H	"3 M SL "" " SL L S L S L S L S L S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450	40 3347 517 6700 359 354 298 199 210 88 295 469 429 429 429 658 279 702 117 52 39 301 4 31 646	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174 0 84 0 60 124 284 0 12 0 84 732 525	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA1ZH HA3OU HA1ZH HA3OU HA1ZH H	"3 M SL " " " SL L S " L s L s L s L S L S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240	40 3347 517 6700 359 354 298 295 469 210 88 295 469 429 658 279 210 88 429 658 279 301 4 301 4 31 646 773	0 50 98 285 219 391 360 503 47 356 150 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 164 0 174 0 84 0 12 124 284 0 12 0 84 732 525 573 440	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA3OU H	"3 M SL "" " SL L S "L" " SL L S " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685	40 3347 517 6700 359 354 298 199 210 88 295 469 429 429 429 658 279 702 117 52 39 301 4 31 646	0 50 98 285 219 391 360 503 47 356 150 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 164 0 174 0 84 0 12 124 284 0 12 0 84 732 525 573 440	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HRP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA1ZH HA1ZH HA3OU HA1ZH HA3OU HA1ZH H	"3 M SL " " " SL L S " L s L s L s L S L S	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240	40 3347 517 6700 359 354 298 295 469 210 88 295 469 429 658 279 210 88 429 658 279 301 4 301 4 31 646 773	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 156 305 156 305 156 305 124 284 0 12 0 84 732 525 573 440 459 455	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5PHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA3BE HA5UY Ireland E14DW E19ES Kaliningra RN2FA Latvia YL7A YL2CI YL2NN YL9T	"3 M SL "" " SL L S "L" " SL L S " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712	40 3347 51776700 3593542988 2995469 21088 2995469 429 6588279 7021177523 30144 311 64667733 448266	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174 0 84 0 60 124 284 0 12 0 84 732 525 573 440 459 455 210 262	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hangary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA5UY Ireland EI4DW EI9ES Kaliningra RN2FA Latvia YL7A YL2CI YL2PN YL3FP	"3 M SL "" " SL L SL L SL L " " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712 218,660	40 3347 517 6700 359 354 298 199 210 88 295 469 429 429 429 658 279 702 117 52 39 301 4 31 646 773 31	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174 0 84 0 60 124 284 0 12 0 84 732 525 573 440 459 455 210 262 58 377	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA	"3 M SL " " " SL L S L S L S L " " " SL L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712 218,660 25,806	40 3347 517 6700 359 354 298 295 469 210 88 295 469 429 658 279 210 88 429 658 279 301 4 301 4 31 646 773 448 262 2138	0 50 98 285 219 391 360 503 47 356 155 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 124 284 0 12 0 84 732 525 573 440 459 455 210 262 8 377 0 187	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GU0SUP Hangary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA3OU HA8BE HA5UY Ireland EI4DW EI9ES Kaliningra RN2FA Latvia YL7A YL2CI YL2PN YL3FP	"3 M SL "" " SL L S" L " " SL L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712 218,660	40 3347 517 6700 359 354 298 199 210 88 295 469 429 429 429 658 279 702 117 52 39 301 4 31 646 773 31	0 50 98 285 219 391 360 503 47 356 155 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 124 284 0 12 0 84 732 525 573 440 459 455 210 262 8 377 0 187	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA	"3 M SL " " " SL L S L S L S L " " " SL L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712 218,660 25,806 3,127	40 3347 51776700 390359 354298 4099210 88 2955469 429 6588279 702117 522 39 30114 31 6466773 31 64665222138 43	0 50 98 285 219 391 360 503 47 356 135 301 50 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 0 440 60 174 0 84 0 60 124 284 0 12 0 84 732 525 573 440 459 455 210 262 58 377 0 187 10 59	
OH8GZQ OH2TI OH2K France F8BNN F6FJE F6HP F5VBT F5RD F5LCU F6FTB F5DA F5DHW Greece SV1CIB SV1BJW Guernsey GUOSUP Hungary HA3LI HA501DAE HA1ZH HA3OU HA8BE HA1ZH HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA1 HA	"3 M SL " " " SL L S L S L S L " " " SL L " "	2,000 1 0 126,825 287,776 518,090 155,572 148,694 118,372 99,840 76,560 22,440 8,976 56,518 157,584 303,030 602,970 132,675 308,880 30,798 4,368 2,340 120,700 48 2,604 723,450 592,240 412,685 124,712 218,660 25,806 3,127	40 3347 51776700 390359 354298 4099210 88 2955469 429 6588279 702117 522 39 30114 31 6466773 31 64665222138 43	0 50 98 285 219 391 360 503 47 356 155 293 86 260 120 240 10 102 0 102 72 154 0 336 348 390 536 505 156 305 156 305 156 305 156 305 124 284 0 12 0 84 732 525 573 440 459 455 210 262 8 377 0 187	

Lithuania												
LY2IJ LY1R	S "	1	,81 71						55 66)78 522	
LY3UV	L					68			62		0	64
Macedonia Z32PT	L		14	2	5	50		2	68		67	330
Z37M	М	2	,00						28	9	923	819
Moldova					_	_		_			_	
ER3ZZ ER5DX	S L		6 35			24 54			82 43		0 0	182 478
Netherlands												
PA9DD PA3GCV	S "		10 7			12 92			08 07		0 0	339 256
PAOLSK PA3DBS	" L			5	,1	36		2	08 21	,	0 194	217 349
PA3BFH	"		7	5	, 8	80		2	51		20	280
PH3BDJ PA3CDN						70 68			68 76	2	262 0	149 218
PAOLOU PAOMIR	"					14 96			98 72		0 10	143 128
PAOFAW PA3EWG	"			7	, 2	52 76			74 46		0 0	98 56
Norway					, -						-	
LA9TY	S "		2			36			36		0	176
LA7QI LA6BNA	"				5	72 70			32 15		0 0	96 38
LA6FJA	L		9	6	, 6	64		3	44		0	281
Poland SP4TXI			98	7	,1	28		9	01	e	513	652
SN5N SP3GTS	"		43 11	9	, 4	16		5	62 74		515 50	408 359
SP3NYR	"		3	0	, 5	25	,	1	65		0	185
SP9W SP9UNX	" L		1 49			80 00			84 22		44 128	110 468
SP3GXH SP9DSD	"		43 20						11 81	2	862 0	492 436
SP3EPX SP8EEX	"		20 17	6	, 2	30			03 39		0 0	410 392
SP9FT			15	9	, 2	78		3	50	1	84	367
SP2EXE SP7FBQ	"		11 10	7	, 0	60		2	47 19		.05 .85	328 265
SP9BGS SP8FHJ	"					59 00			11 73		0 27	269 214
SP9CTS SN1EG	"		3	2 7	,1 ,2	30 16			53 44		0 0	210 189
SP2HXY			2	2	, 9	32 94		1	47		0	156
SP6BEN SP3DOF	"		1	4	,1	90		1	18 10		0	183 129
SP4IRS SP3XR	"		1	~	_	36 10			96 67		0 0	141 130
SP3ASN SP9IHP	S "					32 18			4' 29		0 0	
SN4L SP9KRT	" M		13			60		3	6 84		0 0	10 339
Portugal												
CT4DX	L			3	, 2	80			41		0	80
Romania												
YO6BHN YO4FPF	S "		57 4			92 77			34 13			488 229
YO2MAX	L "		11	3	, б	80		2	71	1	93	245
YO4CVV YO7ARY	"					54 04			14 97		0 29	
Sardinia												
ISOLFZ IWOUWE	L "					10 61			85 81		0 0	206 81
Scotland												
GM00PS	L		5	2	, 9	98		2	19		0	242
Sicily IT9LGW	S		1	1	5	20		1	60		0	72
IT9SGN	L					85			97		0	
Slovakia			2.0	~	-				~ 4			200
OM6RK OM4TC	L "		3	7	, 0	64			94 26		353 0	
OM3TLE	"		3	4	, 5	80		1	90		0	182
Slovenia S51MA	s		7	4	, 3	58		2	19		87	243
S58P S57AM	L "		14	0	, б			2	77 99	1	.71 0	314
S50DX	"		1	4	, 7	51			99		0	149
S55T S50G	M "					21 28			93 64		0 0	197 202
Spain												
EA4BT EA5DYB	S "		31 17						84 46	3	360 10	
EA1HF	"					10			37		0	130

EA1BXN					
	L	227,964	628	0	363
EB2CYQ		68,272	251	0	272
EA7CWA	"	53,105	197	50	
EA4DQX		21,168		0	
EB1GCA EA4CRP		20,492	188 94	0	109 158
EA7GV		6,804		0	81
EA4AFP		390		0	26
EA3FHP	"	320	40	0	8
_					
Sweden	~	16 054	0.0	0	1 7 2
SM7BHM SM7BUN	S "	16,954 5,415		0	173 95
SM6BSK		177,145		110	
SMOEPO	"	62,748		29	
SM50SZ	"	2,958		0	58
Switzerland		210 200	F 2 F	0	400
HB9GT	М	218,280	535	0	408
Ukraine					
UW8I	s 1,	911,847	1393	1024	791
UR5QU		404,804		859	701
UR5WCQ		588,830		396	505
UW6N		34,080		57	142
UR5LY		11,305		0 0	119 96
UY5ZZ UT9FJ		8,640 341,192			696
UT5EPP		337,211	719	0	
UT8EL		188,777	448	159	311
UR7EQ		162,540		10	
UZ5U		159,929		0	341
USOYW		136,503 87,024	523 294	0	261 296
UR5FS UT2AB		87,024	294 254	0 0	
UY5TE	"	78,890		78	
UX8ZA	"	61,214		0	241
UR5FFC	"	61,028	177		
UU9JQ	"	57,348		186	
UW2N		38,843		20	
UX0FY UR8IDX		22,140 5,100		0 0	
UU7J	м 2,	536,434			
UX4E		472,120		288	440
UR4EYN	"	33,936	232	71	112
Wales GW4SKA	S	636,928	777	467	512
MWOCRI		366,049		350	
Yugoslavia					
YU7AE	S		818	710	534
		815,952			
YU7AM	L	739,271	741	646	533
YU7AM YT7TY		739,271 87,912	296	646 0	533 297
YU7AM YT7TY YU1RP	L "	739,271 87,912 79,860	296 320	646 0 10	533 297 242
YU7AM YT7TY	L "	739,271 87,912	296 320	646 0 10	533 297 242
YU7AM YT7TY YU1RP 4N7TA	L "	739,271 87,912 79,860	296 320	646 0 10	533 297 242
YU7AM YT7TY YU1RP 4N7TA YU1BFG	L " "	739,271 87,912 79,860 55,250 38,948	296 320	646 0 10	533 297 242
YU7AM YT7TY YU1RP 4N7TA	L " "	739,271 87,912 79,860 55,250 38,948	296 320	646 0 10	533 297 242
YU7AM YT7TY YUIRP 4N7TA YU1BFG Outside F	L " "	739,271 87,912 79,860 55,250 38,948	296 320	646 0 10	533 297 242
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska	L " " "	739,271 87,912 79,860 55,250 38,948	296 320 171 182	646 0 10 50 0	533 297 242 250 214
YU7AM YT7TY YUIRP 4N7TA YU1BFG Outside F	L " " "	739,271 87,912 79,860 55,250 38,948	296 320 171 182	646 0 10 50 0	533 297 242 250 214
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria	L " " Curop	739,271 87,912 79,860 55,250 38,948	296 320 171 182 163	646 0 10 50 0	533 297 242 250 214 90
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria	L " " Curop	739,271 87,912 79,860 55,250 38,948	296 320 171 182 163	646 0 10 50 0	533 297 242 250 214 90
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY	L " " Curop	739,271 87,912 79,860 55,250 38,948	296 320 171 182 163	646 0 10 50 0	533 297 242 250 214 90
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina	L " " Curo L S 2,	739,271 87,912 79,860 55,250 38,948 9 e 19,170 071,380	296 320 171 182 163 1462	646 0 10 50 0 50 1540	533 297 242 250 214 90
YU7AM YT/TY YU1RP 4N7TA YU1BFG Outside E Alaska AL2F Algeria 7XORY Argentina LTOH	L " " Curop L S 2,	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232	296 320 171 182 163 1462 821	646 0 10 50 0 50 1540 1026	533 297 242 250 214 90 690
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D	L " " L S 2, M	739,271 87,912 79,860 55,250 38,948 0 e 19,170 071,380 842,232 252,192	296 320 171 182 163 1462 821	646 0 10 50 0 50 1540 1026	533 297 242 250 214 90 690
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C	L " " L S 2, M all A	739,271 87,912 79,860 55,250 38,948 9e 19,170 071,380 842,232 252,192 rea 2	296 320 171 182 163 1462 821 430	646 0 10 50 0 50 1540 1026 422	533 297 242 250 214 90 690 456 296
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska Al2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM	L " " L S 2, S M all A S	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996	296 320 171 182 163 1462 821 430 121	646 0 10 50 0 50 1540 1026 422 156	533 297 242 250 214 90 690 456 296 148
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C	L " " L S 2, M all A	739,271 87,912 79,860 55,250 38,948 9e 19,170 071,380 842,232 252,192 rea 2	296 320 171 182 163 1462 821 430 121	646 0 10 50 0 50 1540 1026 422 156	533 297 242 250 214 90 690 456 296 148
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA	L " " L S 2, S M all A S	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996	296 320 171 182 163 1462 821 430 121	646 0 10 50 0 50 1540 1026 422 156	533 297 242 250 214 90 690 456 296 148
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska Al2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM	L " " L S 2, M S M all A S "	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996	296 320 171 182 163 1462 821 430 121 79	646 0 10 50 50 1540 1026 422 156 0	533 297 242 250 214 90 690 456 296 148 76
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI	L " " L S 2, M S M all A S "	739,271 87,912 79,860 55,250 38,948 96 19,170 071,380 842,232 252,192 rea 2 40,996 6,004	296 320 171 182 163 1462 821 430 121 79	646 0 10 50 50 1540 1026 422 156 0	533 297 242 250 214 90 690 456 296 148 76
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KA VK2BAA Azerbaijan 4K6DI Barbados	L " " L S 2, M S M L L	739,271 87,912 79,860 55,250 19,170 071,380 071,380 842,232 252,192 rea 2 40,996 6,004 20,988	296 320 171 182 163 1462 821 430 121 79 104	646 0 10 50 50 1540 1026 422 156 0 55	533 297 242 250 214 90 690 456 296 148 76 132
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI	L " " L S 2, M S M L L	739,271 87,912 79,860 55,250 38,948 96 19,170 071,380 842,232 252,192 rea 2 40,996 6,004	296 320 171 182 163 1462 821 430 121 79 104	646 0 10 50 50 1540 1026 422 156 0 55	533 297 242 250 214 90 690 456 296 148 76 132
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K	L "" " L S 2, M all A S " L L	739,271 87,912 79,860 55,250 38,948 9 e 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030	296 320 171 182 163 1462 821 430 121 79 104	646 0 10 50 50 1540 1026 422 156 0 55	533 297 242 250 214 90 690 456 296 148 76 132
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KA VK2BAA Azerbaijan 4K6DI Barbados	L "" " L S 2, M all A S " L L	739,271 87,912 79,860 55,250 38,948 9e 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030	296 320 171 182 163 1462 821 430 121 79 104	646 0 10 50 0 1540 1026 422 156 0 55 718	533 297 242 250 214 90 690 456 296 148 76 132 541
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTID Nustralia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call	L " " L S 2, M all A S " L L L Area L	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475	296 320 171 182 163 1462 821 430 121 79 104 1112	646 0 10 50 0 1540 1026 422 156 0 55 718	533 297 242 250 214 90 690 456 296 148 76 132 541
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call	L "" L S 2, M all A S " L L L Area L	739,271 87,912 79,860 55,250 38,948 9 9 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 0 1540 1026 422 156 0 55 718 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call 7X2R	L S S S L L L L L L Area S 2, M	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 7ea 2 40,996 6,004 20,988 990,030 1 475 2 371,068	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call 7X2R	L S S S L L L L L L Area S 2, M	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 7ea 2 40,996 6,004 20,988 990,030 1 475 2 371,068	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call 7X2R	L S S S L L L L L L Area S 2, M	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 7ea 2 40,996 6,004 20,988 990,030 1 475 2 371,068	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call 7X2R	L S S S L L L L L L Area S 2, M	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 7ea 2 40,996 6,004 20,988 990,030 1 475 2 371,068	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call ZX2B PY2NY PY2RL PY2RZ PY2IQ	L "" L S 2, S M all A S " L L L Area L Area " "	739,271 87,912 79,860 55,250 19,170 071,380 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 20,988 990,030 1 2371,068 779,856 33,345 3,588 1,504	296 320 171 182 163 1462 821 430 121 79 104 1112 19	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679
YU7AM YTTYY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTID Australia C VK2KA VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call PY2CMT PY2RZ PY2IQ Brazil Call	L S S M L S S M L L L Area S 2, M Area S 2, M Area Area	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 371,068 3,345 3,588 1,504 7	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23	646 0 10 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32
YU7AM YT7TY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call ZX2B PY2NY PY2RL PY2RZ PY2IQ	L S S M L S S M L L L Area S 2, M Area S 2, M Area Area	739,271 87,912 79,860 55,250 19,170 071,380 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 20,988 990,030 1 2371,068 779,856 33,345 3,588 1,504	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23	646 0 10 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32
YU7AM YT7TY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LT0H LT1D Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call PY1CMT Brazil Call PY2RZ PY2IQ Brazil Call PT7AZ	L "" " L S 2, M S " L L L Area S 2, L L Area L L Area L	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 33,345 3,568	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23	646 0 10 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32
YU7AM YTTYY YU1RP 4M7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTID Australia C VK2KA VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call PY2CMT PY2RZ PY2IQ Brazil Call	L " " " L S S M Area L Area L Area L Area	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 33,345 3,568	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23 288	646 0 10 50 0 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32 186
YU7AM YYTYY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTHD Nustralia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call ZZ2B PY2NY PY2RH PY2RZ PY2IQ Brazil Call PT7AZ Brazil Call	L " " " L S S M all A S S L L Area L Area L Area L Area	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 3,345 3,588 1,504 7 53,568 8 2,162	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23 288	646 0 10 50 0 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32 186
YU7AM YYTTY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTID Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call PY1CMT Brazil Call PY2RA PY2 PY2RA PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2	L "" L S 2, S M L L Area L Area L Area L Area L Area L Area	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 33,345 3,588 1,504 7 53,568 8 2,162 1	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23 288 47	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32 186 46
YU7AM YYTYY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTHD Nustralia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call ZZ2B PY2NY PY2RH PY2RZ PY2IQ Brazil Call PT7AZ Brazil Call	L "" L S 2, S M L L Area L Area L Area L Area L Area L Area	739,271 87,912 79,860 55,250 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 3,345 3,588 1,504 7 53,568 8 2,162	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23 288 47	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32 186 46
YU7AM YYTTY YU1RP 4N7TA YU1BFG Outside F Alaska AL2F Algeria 7X0RY Argentina LTOH LTID Australia C VK2KM VK2BAA Azerbaijan 4K6DI Barbados 8P2K Brazil Call PY1CMT Brazil Call PY2RA PY2 PY2RA PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2 PY2	L "" L S 2, S M L L Area L Area L Area L Area L Area L Area	739,271 87,912 79,860 55,250 38,948 Pe 19,170 071,380 842,232 252,192 rea 2 40,996 6,004 20,988 990,030 1 475 2 371,068 779,856 33,345 3,588 1,504 7 53,568 8 2,162 1	296 320 171 182 163 1462 821 430 121 79 104 1112 19 1252 630 123 52 23 288 47	646 0 10 50 50 1540 1026 422 156 0 55 718 0 2240 1058 162 0 24 0	533 297 242 250 214 90 690 456 296 148 76 132 541 25 679 462 117 69 32 186 46

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TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia	ia S L S S L	130,290 24,486 97,812 8,600 57,865 268,128 18	100 418 100 355 501 3	59 154 0 234 0 86 0 163 183 392 0 6	1 5 3 2 5
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TI2KAC East Malays 9M6XRO Georgia 4L1FP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG	ia S L " S S L S "L	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376	100 418 100 355 501 3 294 148 210	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158	
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TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP W22BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP	ia S L "SSLS"L"W L	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770	100 418 100 355 501 3 294 148 210 56 35 841	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406	1 1 5 3 3 5 5 0 5 3 1 1 5 5
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TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP W22BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP	ia S L "SSLS"L"W L	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770	100 418 100 355 501 3 294 148 210 56 35 841	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406	1 1 5 3 2 5 3 1 1 1 5 3
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YCOMJY YB-INS-99 Israel 4Z5CP 4X6UU	ias L "S L S "L "W L ""	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1	100 418 100 355 501 3 294 148 210 56 35 841 292	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273	1 1 5 3 2 5 3 1 1 1 5 3
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call	ia S L S S L S "L " W L " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64	1 1 3 2 5 3 1 1 5 3 1 1 5 5 3 1 1 5 5 3 1 1 5 5 5 3 1 1 5 5 5 3 1 1 5 5 5 5
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JM1XCW JO1WKO	ia S L S S L S L "W L " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64 513 326 162 248	1 1 1 5 3 2 5 3 1 1 5 3 1 1 5 3 1 1 5 5 3 1 1 5 5 5 5
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call	ia S L S L S L W L " " area S "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64	1 1 5 3 2 5 3 1 1 5 3 1 5 3 1 5 3 1
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC2MM YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JM1XCW JOLWKO JR1MHD JALALE	ia S L S S L S L W L " " " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 6 163 100 21	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42	$ \frac{1}{1} $ $ \frac{1}{5} $ $ \frac{3}{5} $ $ \frac{2}{5} $ $ \frac{5}{3} $ $ \frac{1}{1} $ $ \frac{5}{3} $ $ \frac{1}{2} $ $ \frac{2}{2} $
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TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JM1XCW JOUKKO JR1BAS JR1NHD JA1ALE JA1XRH JA12KH JA12KH JA12WA	ia S L S S L S L W L " " Area S " " " L " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,246 29,036 882 113,970 41,022 35,500 34,216	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 6 163 100 21 218 125 116 109	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42 217 262 133 159 168 125 79 182	1 1 1 1 5 3 5 3 1 5 3 2 5 3 1 5 3 1 5 3 1 5 3 1 2 2 3 2
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YCOMJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JALE JALXRH JALBHK JALOVD JALBWA JALXUY	ia S L S S L S L U U U U U S S L S U U S S L S S L S S L S S L S S L S S L S S L S S S S S L S	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 300 21 218 125 116 109 105	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 156 0 64 15 34 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42 217 262 133 159 168 125 79 182 76 155	
TI2KAC East Malays 9M6XRO Georgia 4L1FP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JM1XCW JOHKO JR1BAS JR1NHD JA1ALE JA1XRH JA1BHK JA1OVD JA1BWA JA1KYU JA1XPU	ia S L S S L S L W L " " Area S " " " L " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055 16,851	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 100 218 125 116 109 105 88	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 344 0 6 527 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42 17 262 133 159 168 125 76 155 35 137	
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YCOMJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JALE JALXRH JALBHK JALOVD JALBWA JALXUY	ia S S L S L W L " " a ArS " " " L " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 300 21 218 125 116 109 105	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 156 0 64 15 34 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42 217 262 133 159 168 125 79 182 76 155	
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JINXCW JOUKKO JR1NHD JA1ALE JA1XRH JA1ALE JA1XRH JA1KH JA1CPZ JA1ZZ JA1ZZ JA1ZZ JA1RQT	ia S L S S L S L U U U U U U U U U U U U U	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055 16,851 6,956 2,870 2,418	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 100 21 218 125 116 109 105 88 64 41 39	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 156 362 156 362 156 365 273 70 64 513 326 162 248 227 214 15 34 954 406 335 273 70 64 513 326 162 248 227 214 183 122 0 42 217 262 133 159 168 125 79 182 76 155 35 137 10 94 0 70 0 70 0 62	
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JM1XCW JO1WKO JRINHD JA1ALE JA1XRH JA1BHK JA1VD JA1ZPZ JA1ZZ JA1ZZ JA1ZZ JJ1WWL/1	ia S L S S L S L N U L " " " L " " " L " " " " "	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055 16,851 6,956 2,870 2,418 1,372	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 100 21 218 125 116 163 100 21 218 125 88 64 41 39 28	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 158 0 64 15 34 954 406 335 273 70 64 513 326 162 248 227 214 138 122 0 42 76 155 35 137 10 94 0 70 0 62 0 76 35 137 10 94 0 70 0 62 0 76 15 35 10 94 0 70 0 62 0 49	
TI2KAC East Malays 9M6XRO Georgia 4LIFP 4L4CH Hawaii KH6GMP Hong Kong VR2BG India VU2PTT Indonesia YC3MM YB5AQB YB2ECG YC0MJY YB-INS-99 Israel 4Z5CP 4X6UU 4X6UO Japan Call JINXCW JOUKKO JR1NHD JA1ALE JA1XRH JA1ALE JA1XRH JA1KH JA1CPZ JA1ZZ JA1ZZ JA1ZZ JA1RQT	ia S L S L W L	130,290 24,486 97,812 8,600 57,865 268,128 18 172,410 42,900 90,376 3,584 1,700 728,770 171,171 10,944 1 277,100 83,824 83,460 29,036 882 113,970 41,022 35,500 34,216 28,055 16,851 6,956 2,870 2,418	100 418 100 355 501 3 294 148 210 56 35 841 292 101 337 176 163 100 21 218 125 116 109 105 88 64 41 39	59 154 0 234 0 86 0 163 183 392 0 6 527 210 127 156 362 156 362 156 362 156 365 273 70 64 513 326 162 248 227 214 15 34 954 406 335 273 70 64 513 326 162 248 227 214 183 122 0 42 217 262 133 159 168 125 79 182 76 155 35 137 10 94 0 70 0 70 0 62	

Japan Call A	Area	2			
JA2BQX	S	94,954			
JH2BTM	"	720		0	30
7N2UQC	L "	74,860			
JA2KCY	"	38,070	94	188	135
Japan Call A	Area	3			
JH3CUL	L	109,809	215	226	249
JK3GWT	"	16,872		70	111
Japan Call A	Area	4			
7L4IOU	S				258
JH1GUO/4	L	6,300	65	5	90
		_			
Japan Call			60	0.5	100
JG5DHX/5 JA5FNX	L "	16,524 4,180		85 0	108 76
UASPINA		4,100	55	0	70
Japan Call 2	Area	6			
JAGOLZ	S	109,173	214	239	241
JH6QFJ	L	56,871			
JQ1AHZ/6	"	868		10	28
Japan Call i					
JA7IC	S	245,490	370	465	294
Japan Call 3	Aros	9			
JH9BWC	L	112	: 8	0	14
UIIJBWC	ш	112	. 0	0	11
Kazakhstan					
UN6G	S	44,238	109	194	146
UN7PBY	L 1,	,251,648	985		
UN8P	"	129,360	272	344	210
Kyrgyzstan					
EX2M	S 1,	,233,628	1143	TT88	529
Madeira Is.					
CT3EN	g 1	,460,796	1052	1779	516
CT3HF	L	46,197		0	
010111	-	10/10/	201	0	
Mexico					
4A7L	L	169,061	535	42	293
Micronesia					
V6BL ·	142	17	0 26		
Morocco	T 1		1450		
CN8KD	ц т,	,392,882	1452	1137	538
				1137	538
New Zealand ZL2AMI	Call	l Area 2	:	1137 562	
New Zealand			:		
New Zealand ZL2AMI New Zealand	Call S Call	l Area 2 357,744 l Area 4	466	562	348
New Zealand ZL2AMI	Call S	1 Area 2 357,744	466		348
New Zealand ZL2AMI New Zealand ZL4BR	Call S Call	l Area 2 357,744 l Area 4	466	562	348
New Zealand ZL2AMI New Zealand ZL4BR Oman	Call S Call S	l Area 2 357,744 l Area 4 179,676	466 311	562 402	348 252
New Zealand ZL2AMI New Zealand ZL4BR	Call S Call S	l Area 2 357,744 l Area 4	466 311	562 402	348 252
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD	Call S Call S	l Area 2 357,744 l Area 4 179,676	466 311	562 402	348 252
New Zealand ZL2AMI New Zealand ZL4BR Oman	Call S Call S	l Area 2 357,744 l Area 4 179,676	466 311 419	562 402 517	348 252 377
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines	Call S Call S L	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872</pre>	466 311 419	562 402 517	348 252 377
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines	Call S Call S L	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872</pre>	466 311 419	562 402 517	348 252 377
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM	Call S Call S L	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872</pre>	466 311 419 132	562 402 517 32	348 252 377
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM	Call S Call S L L	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928	466 311 419 132	562 402 517 32	348 252 377 152
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RA0	Call S Call S L L L	<pre>l Area 2 357,744 l Area 4 179,676 352,872 24,928 251,472</pre>	466 311 419 132 488	562 402 517 32 318	348 252 377 152 312
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM	Call S Call S L L L S	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486	466 311 419 132 488 298	562 402 517 32 318 368	 348 252 377 152 312 271
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOWL	call s call s L L L	I Area 2 357,744 I Area 4 179,676 352,872 24,928 251,472 180,486 89,240	466 311 419 132 488 298 229	562 402 517 32 318 368 256	 348 252 377 152 312 271 184
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOWL UAOWL	Call S Call S L L L S "	I Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292	466 311 419 132 488 298 229 147	562 402 517 32 318 368 256 169	 348 252 377 152 312 271 184 137
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOWL UAOQBR UAOZAM	Call S Call S L L L S ""	I Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550	466 311 419 132 488 298 229 147 105	562 402 517 32 318 368 256 169 0	348 252 377 152 312 271 184 137 110
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOWL UAOQBR UAOZAM UAOAGI	Call S Call S L L L S "	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892	2 466 311 419 132 488 229 147 105 2 730	562 402 517 32 318 368 256 169 0 834	348 252 377 152 312 271 184 137 110 553
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOWL UAOQBR UAOZAM	Call S Call S L L L L L L L	I Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550	2 466 311 419 132 488 229 147 105 2 730	562 402 517 32 318 368 256 169 0 834	348 252 377 152 312 271 184 137 110
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOVL UAOQBR UAOZAM UAOAGI	Call S Call S L L L L L L L	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892	2 466 311 419 132 488 229 147 105 2 730	562 402 517 32 318 368 256 169 0 834	348 252 377 152 312 271 184 137 110 553
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOVL UAOQBR UAOQBR UAOAGI RAOANO	Call S Call S L L L L L L L S " "	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892	466 311 419 132 488 229 2488 229 147 105 730 129	562 402 517 32 318 368 256 169 0 834 165	348 252 377 152 312 271 184 137 110 553
New Zealand ZL22MI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAOALM UAOWL UAOVL UAOQBR UAOZAM UAOAGI RAOANO	Call S Call S L L L L L L L S " "	I Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568	466 311 419 132 488 229 147 105 730 129	562 402 517 32 318 368 256 169 0 834 165	348 252 377 152 312 271 184 137 10 553 172
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAOALM UAOVE UAOQBR UAOQBR UAOQGI RAOANO RA9 RG9A UA9OG UA9CDC	Call S Call S L L L L S S " " " " " " " " "	I Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 ,439,060 646,708 240,768	466 311 419 132 488 298 229 147 175 705 129 1082 774 319	562 402 517 32 318 368 256 169 0 4 834 165 1578 737 473	348 252 377 152 312 271 184 137 100 553 172 541 428 304
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DVIJM Puerto Rico NP4EM RAOALM UAOVL UAOVL UAOVE UAOZAM UAOQBR UAOZAM UAOAGI RAOANO RAS RASA RASA RASA RASA RASA RASA RASA	Call S Call S L L L L S " " " " " " "	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,558 86,9240 43,292 1,558 86,568 439,060 646,708 240,768 232,426	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 378	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOZAM UAOZAM UAOZAM UAOAGI RAOANO RG9A UA9OG UA9CDC RX9TX RV9AZ	Call S Call S L L L S S 1, " " " " " "	1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 ,439,060 646,708 240,768 232,422 672	466 311 419 132 419 132 488 229 147 105 730 129 1082 774 378 378 21	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0	348 252 377 152 312 271 184 137 172 541 428 304 251 32
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOVL UAOQBR UAOZAM UAOQBR UAOZAM UAOASI RAOANO RAP RG9A UA9OG UA9CDC RX97X RV9AZ RX9SR	Call S Call S L L L S S 1, "" " " " " " " L	1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 439,060 646,708 240,768 232,426 642,142	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 378 218 298 2598	562 402 517 32 318 368 256 169 0 0 834 165 1578 737 473 548 0 1083	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 32 382
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD DV1JM Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOUBR UAOUBR UAOUBR UAOUBR UAOUBR UAOUGI RAOANO RA9 RG9A UU90G UA90CC RX9TX RV9AZ RX9SR RW9UU	Call S Call S L L L L S S " " " " " " " " " " " " "	1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,924 50,568 439,060 646,708 240,768 232,426 672 642,142 453,108	466 311 419 132 488 298 229 147 132 298 299 147 105 730 129 1082 774 319 378 21 598 494	562 402 517 32 318 368 256 169 04 8 256 169 0 0 473 548 00 0 0 1083 744	348 252 377 152 312 271 184 137 110 553 172 541 428 304 251 322 382 386
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOUL UAOUR UAOZAM UAOQBR UAOZAM UAOAGI RAOANO RA9 RG9A UA9CDC RX9TX RY9AZ RX9SR RX9SR RX9SR RX9SR RX9SR	Call S Call S L L L S S 1, "" " " " " " " "	I Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,92 50,568 ,439,060 646,708 240,768 232,426 642,142 453,108 347,800	466 311 419 132 488 298 229 147 175 730 129 1082 774 319 378 21 598 494 433	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 03 744 742	348 252 377 152 312 271 184 137 150 553 172 541 428 304 251 32 382 366 296
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD DV1JM Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOZAM UAOZAM UAOZAM UAOAGI RAOANO RG9A UA9OG UA9CDC RX9TX RV9AZ RX9SR RW9UU RA9CB UA9APA	Call S Call S L L L S S " " " " " " " " " " " " " "	1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 240,768 232,426 642,142 453,108 347,800 125,786	466 311 419 132 488 298 298 298 299 147 105 730 129 1082 74 319 378 21 598 21 598 443 319 378 218 598	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 2394	348 252 377 152 312 271 184 137 172 541 428 304 251 32 382 236 6 228
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOUL UAOUL UAOUR UAOQBR UAOZAM UAOAGI RAOANO RG9A UA9OG UA9CDC RX97X RY9AZ RX9SR RW9UU RA9CB UUA9AD	Call S Call S L L L S S 1, " " " " " " " " "	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,555 864,892 50,568 ,439,060 646,708 232,426 642,142 453,108 347,800 125,786 89,958	466 311 419 132 488 229 132 488 229 147 105 730 129 1082 774 319 129 1082 774 319 378 211 598 494 433 183 183 19	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 742 394 0	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 322 382 366 296 218 282
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD DV1JM Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOZAM UAOZAM UAOZAM UAOAGI RAOANO RG9A UA9OG UA9CDC RX9TX RV9AZ RX9SR RW9UU RA9CB UA9APA	Call S Call S L L L S " " " " " " " " " " " " " " "	1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 240,768 232,426 642,142 453,108 347,800 125,786	466 311 419 132 488 229 147 378 274 319 378 2174 319 378 2174 319 378 21598 494 433 139 598	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 2394	348 252 377 152 312 271 184 137 172 541 428 304 251 32 382 236 6 228
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4BM RAOALM UAOVE UAOQBR UAOQANO RAJ RAJ RAJ RAJ RAJ RAJ RAJ RAJ RAJ RAJ	Call S Call S L L L L S S 1, " " " " " " " " " " " " " " " " "	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,552 50,568 ,439,060 646,708 240,768 240,768 240,768 240,768 240,768 242,453,108 347,800 125,786 89,958 76,896</pre>	466 311 419 132 488 298 229 147 132 2488 229 147 175 70 129 1082 774 319 378 21 598 494 433 183 319 558 494	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 01083 744 742 394 0375	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 322 366 296 218 282 2144
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DVIJM Puerto Rico NP4BM RAOALM UAOVE UAOQBR UAOQBR UAOQBR UAOQBR UAOQBR UAOQGI RAOANO RA9 RG9A UUAOQGI RAOANO RA9 RG9A UUAOQG UA9CDC RX9TX RV9AZ RX9SR RW9UU RA9CB UUA9APA UA9YAD RA9UN RA9UN RA9UN	Call S Call S L L L S " " " " " " " " " " " " " " "	I Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,924 50,568 240,768 232,426 232,426 240,768 232,426 240,768 232,426 646,708 240,768 232,426 672 642,142 453,108 347,800 125,786 89,958 76,896 17,922	466 311 419 132 488 298 299 147 105 730 129 1082 730 129 1082 74 319 378 212 598 494 433 319 159 78 62	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 003 744 742 394 00375 231	348 252 377 152 312 271 184 137 110 553 172 541 428 304 251 32 382 296 218 282 296 218 282 284 296 218 212 211 212 212 211 212 212 212 212
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOZAM UAOZAM UAOZAM UAOAGI RAOANO RA9 RG9A UA9CDC RX9TX RV9AZ RX9SR RW9UU RA9CB UA9ZD CR35R RW9UU RA9CB UA9APA UA9YAD RA9UN RA92N RA	Call S Call S L L L S S 1, "" "" "" "" "" "" "" "" "" "" ""	<pre>1 Area 2 357,744 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 240,768 232,426 646,708 240,768 232,426 642,142 453,108 347,800 125,786 89,958 76,896 17,922 6,758</pre>	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 378 298 494 433 319 1598 494 433 319 1598 494 433 189 189 189 189 189 189 189 189	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 01083 744 742 394 01083 75 231 00 0	348 252 377 152 312 271 184 137 153 172 541 428 304 251 32 382 366 296 218 282 2144 58 109 98 36
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD DUIJM Puerto Rico NP4BM RAO RAOALM UAOQBR UAO	Call S Call S L L L S S 1, " " " " " " " " " " " " " " " " " "	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,89,240 43,292 11,550 864,708 240,768 232,426 50,568 240,768 232,426 347,800 125,786 89,958 125,786 89,958 1,008 800</pre>	466 311 419 312 488 229 488 229 147 132 2488 229 147 1082 274 319 378 21 598 494 433 183 319 558 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 578 494 433 159 159 159 159 159 159 159 159	562 402 517 32 318 368 256 169 03 834 165 1578 737 473 548 737 473 548 737 473 548 00 00 8375 231 00 0375 231 00 00 100 00	348 252 377 152 312 271 184 137 110 551 172 541 428 304 251 322 366 296 218 282 2144 58 109 98 82 2144 58
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAOALM UAOUA UAO2AM UAO2AM UAO2AM UAO2AM UAO2AM UAO2AM UAO2G UA9CC RX9TX RV9AZ RX9SR RW9UU RA9CB UA9ZAD RX9SR RW9UU RA9CB UA9ZAD RA9AN RA0	Call S Call S L L L S S 1, " " " " " " " " " " " " " " " " " "	<pre>1 Area 2 357,744 179,676 352,872 24,928 251,472 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 ,439,060 646,708 240,768 240,768 240,768 240,768 240,768 644,92 50,568 1,008 347,800 125,786 89,958 76,896 1,008 80,958 1,008 1,</pre>	466 311 419 312 419 3132 488 298 298 298 299 147 105 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 74 319 378 298 244 132 1082 74 319 378 298 244 132 108	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 2394 0 375 231 0 0 10 0 0 10 0 0	348 252 377 152 312 271 184 4137 100 553 172 541 428 304 251 322 382 254 218 282 214 4 58 109 98 36 6 52 296
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD DUIJM Puerto Rico NP4BM RAO RAOALM UAOQBR UAO	Call S Call S L L L S S 1, " " " " " " " " " " " " " " " " " "	<pre>1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,89,240 43,292 11,550 864,708 240,768 232,426 50,568 240,768 232,426 347,800 125,786 89,958 125,786 89,958 1,008 800</pre>	466 311 419 312 419 3132 488 298 298 298 299 147 105 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 74 319 378 298 244 132 1082 74 319 378 298 244 132 108	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 2394 0 375 231 0 0 10 0 0 10 0 0	348 252 377 152 312 271 184 4137 100 553 172 541 428 304 251 322 382 254 218 282 214 4 58 109 98 36 6 52 296
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOKL UAOQBR UAOQBR UAOQBR UAOQBR UAOQBR UAOGI RAOANO RAO RAOANO RAO RAOANO RAS RGSA UASCDC RX9JX RV9AZ RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RWSUU RASCD RX9SR RMSUU RASCD RX9SR RMSUU RASCD RX9SN RASCD	Call S Call S L L L S S 1, "" "" "" "" "" "" "" "" "" "" "" "" ""	<pre>1 Area 2 357,744 179,676 352,872 24,928 251,472 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 ,439,060 646,708 240,768 240,768 240,768 240,768 240,768 644,92 50,568 1,008 347,800 125,786 89,958 76,896 1,008 80,958 1,008 1,</pre>	466 311 419 312 419 3132 488 298 298 298 299 147 105 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 730 129 1082 74 319 378 298 244 132 1082 74 319 378 298 244 132 108	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 2394 0 375 231 0 0 10 0 0 10 0 0	348 252 377 152 312 271 184 4137 100 553 172 541 428 304 251 322 382 254 218 282 214 4 58 109 98 36 6 52 296
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAOALM UAOUA UAO2AM UAO2AM UAO2AM UAO2AM UAO2AM UAO2AM UAO2G UA9CC RX9TX RV9AZ RX9SR RW9UU RA9CB UA9ZAD RX9SR RW9UU RA9CB UA9ZAD RA9AN RA0	Call S Call S L L L S S 1, "" "" "" "" "" "" "" "" "" "" "" "" ""	<pre>1 Area 2 357,744 179,676 352,872 24,928 251,472 24,928 251,472 180,486 89,240 43,292 11,550 864,892 50,568 ,439,060 646,708 240,768 240,768 240,768 240,768 240,768 644,92 50,568 1,008 347,800 125,786 89,958 76,896 1,008 80,958 1,008 1,</pre>	466 311 419 132 488 298 229 147 132 488 229 147 105 730 129 1082 774 319 378 21 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 159 159 159 159 159 159 159	562 402 517 32 318 368 256 169 03 473 548 737 473 548 737 473 548 737 473 548 010 0375 231 010 0 10 0 852	348 252 377 152 312 271 184 137 110 53 172 541 428 304 254 2382 2366 218 2382 2366 218 2382 2366 218 2366 214 458 109 9366 32 596 3346
New Zealand ZL2AMI New Zealand ZL4BR Oman A45WD Philippines DVIJM Puerto Rico NP4BM RAO RAOALM UAOQBR C C RAOQBR C C RAOBR UAOQBR C C RAOBR C RAOBR C RAOBR UAOQBR C C RAOBR UAOQBR C C RAOBR C RAOBR UAOQBR C C RAOBR C RAOBR UAOQC RAOBR C RAOBR C RAOBR C RAOBR C RAOBR UAOQC RAOBR C C RAOBR C C RAOBR C C C C C C C C C C C C C C C C C C C	Call S Call S L L L L S S 1, "" "" "" "" "" "" "" "" "" "" "" "" ""	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,829 50,568 240,768 240,768 240,768 240,768 244,740 642,142 453,108 347,800 125,786 89,958 76,896 17,922 6,758 4,998 1,008 800 728,908 508,274	466 311 419 132 488 298 229 147 132 488 229 147 105 730 129 1082 774 319 378 21 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 598 494 433 159 159 159 159 159 159 159 159	562 402 517 32 318 368 256 169 03 473 548 737 473 548 737 473 548 737 473 548 010 0375 231 010 0 10 0 852	348 252 377 152 312 271 184 137 110 53 172 541 428 304 254 2382 2366 218 2382 2366 218 2382 2366 218 2366 214 458 109 9366 32 596 3346
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOKI UAOQBR UAOZAM UAOGI RAOANO RAO RAOALM UAOGI RAOANO RAO RAOALM UAOKI UAOZAM UAOGI RAOANO RAO RAOANO RAS RG9A UAOCO RAS RAOANO RAS RUAS ROS RAS RUAS ROS RUAS RUAS RUAS ROS RUAS RUAS RUAS RUAS RUAS RUAS RUAS RUA	Call S Call S L L L S " " " " " " " " " " " " " " "	1 Area 2 357,744 1 79,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 2645,708 240,928 251,472 180,486 89,240 43,292 11,550 646,708 240,768 642,142 453,108 347,800 125,786 89,958 76,896 17,922 64,998 1,008 80,728,908 508,274 114,390	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 129 129 129 1082 774 319 129 129 129 129 129 129 129 1	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 742 394 0 0 375 231 0 0 10 0 0 10 0 0 852 208	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 428 304 251 428 304 251 428 304 251 32 382 382 366 218 219 219 219 219 219 219 219 219 219 219
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4EM RAO RAOALM UAOVL UAOQBR UAOZAM UAOQBR UAOZAM UAOQBR UAOZAM UAOQBR UAOQCR RAOANO	Call S Call S L L L L S S 1, "" "" "" "" "" "" "" "" "" "" "" "" ""	1 Area 2 357,744 1 Area 4 179,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 864,829 50,568 240,768 240,768 240,768 240,768 244,740 642,142 453,108 347,800 125,786 89,958 76,896 17,922 6,758 4,998 1,008 800 728,908 508,274	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 129 1082 774 319 129 129 1082 774 319 129 1082 774 319 1598 494 433 1598 494 433 1598 494 412 598 494 433 1598 494 433 1598 494 412 598 494 412 598 404 412 598 404 412 508 404 412 508 404 412 508 404 412 508 404 412 508 404 412 412 418 419 417 417 419 419 419 417 419 419 419 419 419 419 419 419	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 742 394 0 0 375 231 0 0 10 0 0 10 0 0 852 208	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 428 304 251 428 304 251 428 304 253 346 218 219 219 346 296 32 2596 346 205
New Zealand ZL2AMI New Zealand ZL4BR Cman A45WD Philippines DV1JM Puerto Rico NP4BM RAO RAOALM UAOKI UAOQBR UAOZAM UAOGI RAOANO RAO RAOALM UAOGI RAOANO RAO RAOALM UAOKI UAOZAM UAOGI RAOANO RAO RAOANO RAS RG9A UAOCO RAS RAOANO RAS RUAS ROS RAS RUAS ROS RUAS RUAS RUAS ROS RUAS RUAS RUAS RUAS RUAS RUAS RUAS RUA	Call S Call S L L L S " " " " " " " " " " " " " " "	1 Area 2 357,744 1 79,676 352,872 24,928 251,472 180,486 89,240 43,292 11,550 2645,708 240,928 251,472 180,486 89,240 43,292 11,550 646,708 240,768 642,142 453,108 347,800 125,786 89,958 76,896 17,922 64,998 1,008 80,728,908 508,274 114,390	466 311 419 132 488 298 229 147 105 730 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 1082 774 319 129 129 129 129 1082 774 319 129 129 129 129 129 129 129 1	562 402 517 32 318 368 256 169 0 834 165 1578 737 473 548 0 1083 744 742 394 0 0 375 231 0 0 10 0 0 10 0 0 852 208	348 252 377 152 312 271 184 137 100 553 172 541 428 304 251 428 304 251 428 304 251 428 304 253 346 218 219 219 346 296 32 2596 346 205

E21YDP I	192,725	593	0	325
III Dener on C				
UK Bases on C ZC4LI S	1,753,738	1467	1060	694
United States W1BCD S		1 939	829	589
NB1B "		673		461
K1KO "	00,404	268	0	
WA1ZYX "	50,250	159		168
N1MGO " KO1H "	10,000	153 97		$114 \\ 117$
N1NQX I		168	192	
KA1C "	55,202	187		198
NJ1H "	12,771	80 74	19 40	
KB1CJ " KT1I "	8,892 6,095	59		53
United States				402
NO2T S WA2ETU "		667 583	754 425	
W2YE "	346,724	485	369	
N2BJ "	166,278	518	0	321
NA2M "	70,081	228		253
KA2D " NP3D/W2 L	43,520 567,240	119 648		160 435
N2FF "		217		243
N2UM "	10,266	87	0	118
United States	Call Area	3		
W3FV S	373,644	604		428
AA3B "	101,250	373		278
W3WKR " WA3AAN "	100,252	221 193		263 190
W4ZE/3 "	05,270	123		126
KA3EAJ "	15,851	131	0	121
K3KO "	0,100	94	0	90
W3LL I K3SV "				420 210
W3DQN "	61,226	223		242
N3XL "	54,873	188		201
WA3KYY " K3WI "	44,712 32,922	173 177		216
K3DI M	52,522	596	0 229	
United States KM4M S		4 1105	1168	595
K4GMH "	1,405,985	1195 902	974	
AD4EB "	792,500	743	842	
K9MUG/4 " W4GKM "	,52,050	822	731	510
W4GKM " W6IHG/4 "	403,696 375,200	609 380	488 692	
W4CU "	222,080	464		320
K4WW "	136,915	244	451	197
K4YKZ " W4RK "	136,806	220	233	302
W4RK " K4CZ "	74,296 70,485	296 204	0 177	251 185
K4GM "	52,332			196
NJ4F "	5,011		0	83
WD4GBW I WB2RHM/4 "		428 372	855 374	305 324
W4LC "	211,701	353	244	
K3IXD/4 "	80,264	316	0	254
N4WO "	12,272	118		104
AD4YQ " W4BCG "	7,488 5,185	72 61	0	104 85
WA4OSD "	2,730	32		
AI4QB "	120	10	0	12
United States	Call Area	5		
K5ZD S		106	88	180
AA5AU "	1,222	19	28	26
KE5OG I		122	30	146 120
AD5VJ " N5PU "	21,000	160 144	20 30	120 115
КК5ЈҮ "	9,700	100	0	97
W5CTV M	40,970	143	98	170
United States	Call Area	6		
AD6WL S	334,323	618	303	
K6HGF "	252,551	523	368	
W6OQI " NC6P I	113,220	346 145		222 117
K6XT "		104		
KN6OZ "	12,426	109	0	114
WA6BOB " N6KW "	2,684 1,824	44 38	0 0	61 48
140104	1,024	20	U	10
United States				0.5.5
W7SYJ S W7WHY "		299	115	209
W7WHY " KJ7NO L	25,010	130 162		144 147
W7MRC "	7,520	94	0	80
W7BCC "		25	0	28
United States	Call Area	8		
AA8LL S	264,084	396	350	354
WB8UJB "	212	27	0	36
N8NOE " KD5LNO/8 L	512	16 181	0 28	32 197

United States Call Area 9 W9VQ L 4,346 53 0 82 N9LF н 3,216 39 9 67 ... K90SH 864 24 0 36 United States Call Area Ø KI6DY/0 S 196,540 504 130 310 KOFJ 55,872 248 40 194 " K 0 J J R 210 40,077 9 183 23,944 ... WORAA 157 7 146 ... 7,656 59 косор 57 66 WOTY ... 2,744 49 0 56 ... AB00X 1,440 25 20 32 KOHW L 109,512 340 128 234 KOTG 37,264 233 39 137 ... KOALT 21,120 110 18 165 K0RC ... 18,207 119 0 153 KS0M ... 17,536 118 10 137 NOTET 12,744 118 0 108 77 71 KOYQ 10,266 10 118 KOFG 10,000 29 100 ... K0LDS 4,346 53 0 82 558,465 774 427 465 WOLSD М Uruguay 287,035 CX7BF S 665 308 295 CX2AO 82 90 L 10,440 34 Uzbekistan UK7F L 2,552 58 0 44 Venezuela 375,088 127,568 957 272 YV5AAX 422 L YV1RDX 476 0 268 ... 26,219 YV1FM 157 0 167

Disqualification

-none-

Checklogs

Many thanks to the following stations submitting checklogs:

DF1IAQ, DJ4IC, DL7UGO, EB1DMQ, ER3MM, G3URA, GI8HXY, HAISN, HAIYI, IK2SND, OH8GZN, OO9O, PAØWRS, PA3EBP, RA1QN, RA3FD, RA9AFZ, RUGYY, RW4UW, RW4WZ, RX3AGD, SN1SN, SP3DSC, SP5ECC, SP6CZ, SP6NVK, SP9UOP, UA4NJ, UT1IA, UX1IL, VE2FFE, YO2CMI, YO6DN.

Station Operators

DF5A: DL5CG, DL9GWD, DL9GMN; DKØIU: dg5hfs dj4kw dklip dk9he dl2sww; DKØWK: DL3ARK DL5ASE; DN1JC: DL7VBJ D03JC; DP9A: DG1HWM DJ6TF DJ7TO DK4WA DL6JZ DL8ULF DL9NDV; IQ1AO: IK1PMR IZ1KGK IZ1KIM K2LEO; K3DI: W3UL K3DI; LT1D: LU4DJC LU3DYU; OH2K: OH2GFY OH2LNH OH2LRE; OK1KSL: OK1AHG OK1AHJ OK1FAK OK1IVE OK1MCV; RK9JWR: RA9JR RV9JR; S5ØG: S56M S57AW S58M S58P S58V; S55T: S56M S57AW S58M S58P S58V; S55T: S56M S57AW S58M S58P S58V; S59KRT: SP9ADU SP9EVU; UA9UZZ: RZ9UN RK9UE UA9UX RK9UM UA9UOO; UU7J: ER3AU UR5FEO UR5FEL US5FEO US8IX UTØFF UTØFT UUØJM UU1AZ UU8JK; UX4E: UT5EOX UR7EC; WØLSD: WØLSD NØKE

All Time World Records

The records below are up to date and show the highest score ever achieved in a particular category over the whole period of the WAE DX-Contest back to 1974. Numbers in [brackets] denote the year when the record was established. The figure block separated by slashes list QSOs/QTCs/Multiplier. The final score is shown to the right.

These records are up to date with respect to results. If you find any errors, please notify me at df7zs@dxhf.darc.de. Thanks to DL1MGB for digitizing the old results.

World Records CW - Region EU Single Operator YL8M(LY2TA)[2002] 1101/1902/655 1,966,965 QSOs:55/210/358/442/36 Mults: 112/183/144/164/52 Single Operator/LP CT11LT[2004 904/1584/476 1,184,288 QSOs: 36/163/317/332/56 Mults: 76/126/104/118/52 Multi Operator UK2BAS[1982] 1394/2232/796 2,886,296 QSOs:24/238/430/658/44 Mults: 96/222/204/200/74 SWL Category LYR-794[2004] 1215/980/862 1,892,090 QSOs:157/293/413/327/51 Mults: 212/222/198/186/54 High Band YT3AA[1988] 826/1387/210 464,730 QSOs: 0/0/431/355/40 Mults: 0/0/64/92/54 Multi Multi LY2ZO[1991] 1223/2111/406 1,353,604 QSOs: 68/206/504/368/77 Mults: 84/102/86/70/64 Top QSOs UK6LEZ[1982] 1823 TOD OTCS UK2BAS[1981] 2538 Top Mult UK2PCR[1983] 881 World Records CW - Region DX Single Operator D4B(4L5A)[2004] 2704/2530/573 2,999,082 QSOs:188/478/745/916/377 Mults: 144/135/100/98/96 Single Operator/LP H2G(5B4AGC)[2003] 1926/1954/539 2,091,320 QSOs:251/363/581/602/129 Mults: 156/129/96/90/68 Multi Operator A61AJ[2005] 2746/2819/586 3,261,090 QSOs:334/553/907/736/216 Mults: 164/150/104/96/72 SWL Category RZ3BY/Ø[2003] 1280/710/544 1 082 560 QSOs: 12/190/838/240/0 Mults: 36/168/210/130/0 High Band CX8BBH[1989] 1391/1313/222 600,288 QSOs: 0/0/455/390/546 Mults: 0/0/68/78/76 Multi Multi 1795/1713/298 1,045,384 JE2YRD[1989] QSOs: 7/193/483/786/326 Mults: 16/84/62/80/56 Top QSOs JY8TE[2001] 3049 Top QTCs A61AJ[2005] 2819 Top Mult A61AJ[2005] 586 World Records SSB - Region EU Single Operator YU3MY[1982] 1808/1533/821 2.742.961 QSOs: 38/193/535/468/576 Mults: 80/195/190/156/200 Single Operator/LP YZ7AA(YZ7DM)[2002] 1254/1693/533 1,570,751

QSOs: 10/53/295/488/408 Mults: 36/75/134/154/134 Multi Operator Y24UK[1982] 3079/2489/915 5,094,720

QSOs: 17/99/878/1384/701 Mults: 60/153/248/244/210

SWL Category

R3A-847[2004]	2759/310/7	71 2,366,199
QSOs: 232/540/103	7/945/5 Mult	s: 216/249/150/148/8
High Band		
YT3AA[1988]	1338/1649/	252 752,724
QSOs: 0/0/531/612	/195 Multa	s: 0/0/90/86/76

Multi Multi LZ9A[1990]	2010/2	211/598	2,524,158
QSOs: 28/74/7	23/1014/171	Mults:	104/120/134/128/112
Top QSOs	Y24UK[19	81]	3109
Top QTCs	UP1BZZ[1	989]	2654
Top Mult	DFØHQ[20	04]	1044

World Records SSB - Region DX

Single Operator 3749/2578/654 4.137.858 D4B(4L5A)[2004] QSOs:252/542/1056/1130/769 Mults:180/156/106/108/104 Single Operator/LP 2407/2332/352 1,668,128 20 Mults: 28/60/72/100/92 ST2T(S57CQ)[2004] 240 QSOs: 7/42/406/1232/720 1.668.128 Multi Operator 3936/3923/622 4.888.298 CN8WW[1999] QSOs:415/637/1102/1081/701 Mults: 184/144/104/102/88 SWL Category UA9-165-55[1998] 867/199/532 567.112 QSOs: 114/159/348/210/36 Mults: 120/138/122/108/4 High Band 2026/2025/262 1,061,362 K4XS[1989] QSOs: 0/0/498/781/747 Mults: 0/0/90/86/86 Multi Multi

JE2YRD[1990]	2139	/1378/371	1,304,807
QSOs: 16/169/62	9/652/673	Mults:	48/87/80/78/78
Top QSOs	CN8WW[]	999]	3936
Top QTCs	CN8WW[]	999]	3923
Top Mult	D4B[200)4]	654

World Records RTTY - Region EU

Single Operator

RD3A[2005]	1551/6	596/855	1,921,185
QSOs:	225/492/459/307	/68	Mults:	188/231/196/162/78

Single Operator/LP

UT9FJ [2007] 1076/851/696 1,341,192 QSOs: 175/385/418/96/7 Mults: 184/234/168/98/12

Multi Operator			
UU7J[2005]	1732/	1353/912	2,813,520
QSOs: 238/580/390/409	/115	Mults:	212/276/164/174/86

SWL Category

LYR-794[2003]	830/268/648	711,504
QSOs: 171/222/166/207/	64 Mults:	160/186/108/128/66

High Band

Top Mult

YU2W[1989]	516/5	506/178	181,916
QSOs: 0/0/2	85/129/102	Mults:	0/0/68/62/48
Top QSOs	UU7J[20	05]	1732
Top QTCs	UU7J[20	05]	1353
Top Mult	UU7J[20	05]	912

World Records RTTY - Region DX

Single Operator ZX2B [2007] QSOs: 20/197/371/52		2,371,068 68/189/158/172/92
Single Operator/LP 7xØRY[2005] QSOs: 272/461/435/2		1,775,956 180/195/118/92/52
Multi Operator RY9C[1999] QSOs: 125/185/288/1		
SWL Category VE3UWC/W6[2002] QSOs: 3/34/83/125/4		127,224 8/42/44/78/44
High Band 4M5RY[1989] QSOs: 0/0/73/75/50	Mults:	0/0/62/62/46
Top QSOs Top QTCs		1616 2352
10b X100	21222[2003]	2002

RW9C[2002]

Continental Records Africa CW

Single Operator		
D4B(4L5A)[2004]	2704/2530/573 =>	2,999,082
Single Operator/LP		
CN2PM(G3WQU)[2002]	842/808/378 =>	623,700
Multi Operator		
IG9/IR2Y[1997]	2372/2363/518 =>	2,452,730
High Band		
5H1HK[1988]	1561/1469/194 =>	587,820

Continental Records Africa SSB

Single Operator		
D4B(4L5A)[2004]	3749/2578/654 =>	4,137,858
Single Operator/LP		
ST2T(S57CQ)[2004]	2407/2332/352 =>	1,668,128
Multi Operator		
CN8WW[1999]	3936/3923/622 =>	4,888,298
SWL Category		
EA8-1883-URE[2002]	368/0/505 =>	185,840
High Band		
5H1HK[1988]	1116/875/220 =>	438,020

Continental Records Africa RTTY

Single Operator		
7X0RY [2007]	1462/1192/466 =>	2,071,380
Single Operator/LP		
7XØRY[2005]	1616/1172/637 =>	1,775,956
Multi Operator		
3XY7C[2002]	1236/310/475 =>	734,350
SWL Category		
ELUDWIG[1990]	27/0/87 =>	2,349
High Band		
EA8RA[1989]	72/0/50 =>	3,600

Continental Records Asia CW

Single Operator		
JY8WA[1997]	2399/2399/506 =>	2,427,788
Single Operator/LP		
H2G(5B4AGC)[2003]	1926/1954/539 =>	2,091,320
Multi Operator		
A61AJ[2005]	2746/2819/586 =>	3,261,090
SWL Category		
RZ3BY/Ø[2003]	1280/710/544 =>	1,082,560
High Band		
UJ8JCM[1989]	1076/1076/188 =>	404,576
Multi Multi		
JE2YRD[1989]	1795/1713/298 =>	1,045,384

Continental Records Asia SSB

Single Operator		
C4A(9A3A)[1999]	2804/2800/609 =>	3,412,836
Single Operator/LP		
UP6P[2002]	1564/1430/447 =>	1,338,318
Multi Operator		
5B4/R3CC[2002]	2835/2664/624 =>	3,431,376
SWL Category		
UA9-165-55[1998]	867/199/532 =>	567,112
High Band		
H25MF[1987]	1483/1383/214 =>	613,324
Multi Multi		
JE2YRD[1990]	2139/1378/371 =>	1,304,807

Continental Records Asia RTTY

Single Operator		
ZC4LI [2007]	1467/1060/694 =>	1,753,738
Single Operator/LP		
UN7PBY [2007]	985/1188/576 =>	1,251,648
Multi Operator		
RY9C[1999]	943/1886/641 =>	1,813,389
SWL Category		
UI8-Ø53-693[1988]	174/0/144 =>	25,056
High Band		
4x6s0[1988]	208/269/132 =>	62,964

Continental Records Europe CW

	eren rerete eu	
Single Operator		
YL8M(LY2TA)[2002]	1101/1902/655 =>	1,966,965
Single Operator/LP		
CT11LT[2004]	904/1584/476 =>	1,184,288
Multi Operator		
UK2BAS[1982]	1394/2232/796 =>	2,886,296
SWL Category		
LYR-794[2004]	1215/980/862 =>	1,892,090
High Band		
YT3AA[1988]	826/1387/210 =>	464,730
Multi Multi		
LY2ZO[1991]	1223/2111/406 =>	1,353,604

Continental Records Europe SSB

Single Operator		
YU3MY[1982]	1808/1533/821 =>	2,742,961
Single Operator/LP		
YZ7AA(YZ7DM)[2002]	1254/1693/533 =>	1,570,751
Multi Operator		
Y24UK[1982]	3079/2489/915 =>	5,094,720

SWL Category R3A-847[2004]	2759/310/771 =>	2 366 199
High Band		
YT3AA[1988] Multi Multi	1338/1649/252 =>	752,724
LZ9A[1990]	2010/2211/598 =>	2,524,158
	1	
Continental Re Single Operator	cords Europe RI	TY
RD3A[2005]	1551/696/855 =>	1,921,185
Single Operator/LP UT9FJ [2007]	1076/851/696 =>	1 241 102
Multi Operator	10/0/051/090 =>	1,341,192
UU7J[2005] SWL Category	1732/1353/912 =>	2,813,520
LYR-794[2003]	830/268/648 =>	711,504
High Band		101 016
YU2W[1989]	516/506/178 =>	181,916
Continental Re	cords North Ame	erica CW
Single Operator V21AS[1992]	2077/2070/522 =>	2 164 724
Single Operator/LP		2,104,/34
VE3DZ[2004] Multi Operator	1001/1013/348 =>	700,872
KC1XX[2001]	2294/2236/533 =>	2,414,490
High Band	1002/1002/100	204 070
K1RM[1989]	1003/1003/162 =>	324,972
Continental Re	cords North Ame	erica SSB
Single Operator VE3AT[2004]	2226/2260/416 ->	1 052 526
Single Operator/LP	2336/2360/416 =>	1,955,550
VE3DZ[2004] Multi Operator	1076/1082/343 =>	740,194
K2NG[2000]	2137/2030/539 =>	2,246,013
SWL Category VO1001SWL [2007]	629/75/496 =>	240 194
High Band	029/73/490 ->	349,104
K4XS[1989] Multi Multi	2026/2025/262 =>	1,061,362
W3FV[1991]	503/501/167 =>	167,668
Continental Re	cords North Ame	rias PTTV
Single Operator	COLUB MOLUI AME	LICA KIII
ZF2NT[2003]	1429/1415/655 =>	1,862,820
Single Operator/LP VE1OP[2005]	1063/1195/601 =>	1,357,058
Multi Operator VE3NZ[2003]	1020/1055/605	1 261 425
SWL Category	1030/1055/605 =>	1,201,425
	293/296/216 =>	127,224
High Band WF5E[1989]	219/149/158 =>	58,144
-		
Continental Re	cords Oceania (W
Single Operator	celup cocuma (
ZL3GQ[1989]	1011/982/299 =>	595,907
Single Operator/LP YBØECT[2002]	894/549/296 =>	427,128
Multi Operator		
9M6AAC[1999] SWL Category	1551/1435/381 =>	1,137,666
YB-INS-99[2001]	132/92/97 =>	21,728
High Band		
VK8XX[1989]	745/744/168 =>	250,152

Continental Records Oceania SSB

Single Operator		
ZL6QH(DK1II)[2001]	899/771/249 =	-> 415,830
Single Operator/LP		
YBØECT[2002]	355/320/175 =	=> 118,125
Multi Operator		
ZL6QH[2002]	1338/1110/331 =	=> 810,288
SWL Category		
YB-INS-99[2000]	628/350/192 =	=> 187,776
High Band		
VK2APK[1989]	393/389/142 =	=> 111,044
Multi Multi		
DX1DBT[1992]	557/455/141 =	=> 142,692

Continental Records Oceania RTTY

Single Operator			
ZL2AMI[2004]	514/1036/359	=>	556,450
Single Operator	/LP		
YBØDPO[2004]	444/891/345	=>	460,575
Multi Operator			
VK6GOM[2002]	227/125/186	=>	65,472
SWL Category			
YB-INS-99[2004]	21/180/35	=>	7,035
High Band			
VK2BQQ[1989]	45/30/58	=>	4,350

Continental Records South America CW

Single Operator			
LT1F(LU5CW)[1998]	2011/1860/429	=>	1,660,659
Single Operator/LP			
PY7IQ[2002]	927/938/380	=>	708,700
Multi Operator			
ZW5B[2001]	2164/2101/538	=>	2,294,570
High Band			
CX8BBH[1989]	1391/1313/222 :	=>	600,288

Single Operator 9Y4TBG(DL1MGB)[2003] Single Operator/LP	2519/2522/450	=>	2,268,450
ZX2B(PY2MNL)[2004]	1068/1084/337	=>	725,224
Multi Operator			
ZW5B[2000]	2569/2503/509	=>	2,581,648
SWL Category			
CX-NØ2Ø[2002]	187/207/394	=>	155,236
High Band			
LU6ETB[1989]	1675/1637/234	=>	775,008
Multi Multi			
LU1CF[1989]	303/301/160	=>	96,640

Continental Records South America SSB

252/2240/6	579 =>	2,371,068
252/2240/6	579 =>	2,371,068
802/910/5	>26 =>	900,512
772/779/2	292 =>	452,892
		802/910/526 => 772/779/292 =>

DX Club Competition

Listing shows club, club score and number of entries in brackets.

Europe			
Bavarian Contest Club	(DL)	20,409,938	(72)
Rhein Ruhr DX Association	(DL)	9,733,494	(41)
Black Sea Contest Club	(UR)	4,465,578	(6)
Lithuanian Contest Group	(LY)	4,332,159	(6)
DL-DX RTTY Contest Group	(DL)	2,504,047	(5)
Ukranian Contest Club	(UR)	1,710,709	(13)
World Wide Young Contesters	(*)	1,693,006	(9)
Vrhnika Contesters	(S5)	1,568,488	(4)
Russian Contest Club	(UA3)	1,246,923	(12)
Slovenia Contest Club	(S5)	1,242,223	(5)
Moscow Contest Club	(UA3)	1,215,586	(3)
SP DX Club	(SP)	1,182,686	(10)
Latvian Contest Club	(YL)	309,148	(8)
Süddeutsche DX Gruppe	(DL)	308,944	(4)
Outside Europe	(-)		
Ural Contest Group	(UA9)	11,063,250	(17)
Potomac Valley Radio Club	(W3)	8,870,590	(31)
Yankee Clipper Contest Club	(W1)	7,926,487	(20)
Frankford Radio Club	(W3)	6,089,139	(13)
Contest Club Ontario	(VE3)	2,842,228	(18)
South Ural Contest Club	(UA9A)	2,462,482	(4)
South East Contest Club	(W4)	1,790,437	(8)
TuPY DX Group	(PY)	1,388,678	(4)
Florida Contest Group	(W4)	1,228,725	(9)
Tennessee Contest Group	(W4)	911,735	(10)
Guara DX Group	(PY7)	253,261	(9)
Society of Midwest Contesters	(W9)	207,046	(4)
North Texas Contest Club	(₩5)	109,394	(3)
Western Washington DX Club	(W7)	62,523	(5)
Northern California Contest Club	(W6)	58,767	(7)

WAEDC – WAE – DCL – Certificates

WAEDC - WAE - DCL

Hunters and collectors, that is the human being by nature. Contesters hunt for victory, and the diploma collectors laboriously collect first their QSOs, then QSLs and then the paper or metallic honors for their achievement. It may be that one or the other hunter also collects. Surely there is the collector that goes on the hunt in order to admire his trophy afterwards.

Now we are already on the topic which concerns most contesters on the periphery. With the WAE: "Worked all Europe". Already the "all" sounds like "a lot". And indeed, already the effort for the trivial version of this diploma, i.e. the WAE III in the mixed mode class, requires proof of QSLs from 40 European areas and 100 band points. Mathematically, this means that every area must be confirmed on 2 ½ bands.



WAE CW, WAE PHONE, WAE Classic

From the usage of this Roman three, it can be derived that there will probably also be a two and a one. Correct! The requirements are inversely proportional to these numbers. WAE II is awarded for 50 areas and 150 band points and the WAE I for 60 areas and 200 band points. This diploma program has been in principle available for over 50 years, and is considered to be one of the world-wide most difficult to achieve. However, additional mode possibilities, as well as mixed modes, have been added to the old modes CW and phone in this millenium.



WAE mixed modes, WAE RTTY

That was not enough. During the golden 90's (with the present 73 European areas) the desire came up to make the rules more difficult. 70 countries and 300 points can easily be reached when each all are worked

on five bands. The "Top-Plaque" was born, and enjoys considerable popularity with collectors.

WAE-TOP for a full house

In order to provide the "top, top people" a new game, the "Trophy" was created. This is a "full house", which means that one must have confirmed all 73 areas on five bands each.



Beyond this, whoever has a "full house" on six or even more bands, plays in the sticker league. The fact that there is also a Classic variant of the diploma program for only CW or Phone is noted on the side. These awards are given only for those that have collected their points exclusively on the classic amateur radio bands, i.e. 160/80/40/20/15 and 10m.

For many contesters, sending QSLs is an annoyance, or they remove themselves from this responsibility by rejection. To help the collectors to achieve their desired points, our American friends egoistically, and nearly only for its DXCC applicably, created the "Logbook Of The World".

DARC Contest Logbook	9494 Os: 9596 Ls: 6154 J DXCCs: 49 Ws: 324
DCL is an Initiative of the DARC Committee for DX and HFContesting	
DARC Awards - Web Application Wizard	
The following steps guide you to a DARC DX Award Application for DJ9MH	
🕦 Update the head data for your application form (DJ9MH)	Update
3 Select a DARC DX Award	WAE-Award
3 Select a Mode	CW only
Select a Year for EU-DX or start Year for Europa-Award	2006
3 Show Application form for printing	Apply
Complete your Application with Excel or outside the computer and send it to the Baward Manager	

Now, we Europeans do not want to see things too narrowly, and we are still tinkering on DCL. This instrument, which modestly means "DARC Contest Log", is a collection of DARC contest QSOs.

The data base already contains over 8 million entries, of which about half are cross-checked contest contacts. This means the logs were available for both QSO partners, or one later verified the QSO. Although the vision of the DCL seems to have been achieved only partially so far the DCL already can do some more things. It can e.g. provide diploma points for the WAE, if the candidate was quite active in contests. Admittedly for Europeans, entries in the DCL resulting from the WAEDC are naturally only for RTTY.

But there is still WAG, the Field Days, XMAS and in principle also the 10m Contest.

Just take a look at <u>http://www.dxhf.darc.de/waeaw</u>, or send your question by email to the WAE specialist at dj9mh@darc.de. (translation: Mitch, DJ0QN).

Worked All Germany Contest (WAG) 2007

The Deutscher Amateur-Radio-Club (DARC) has the honour to invite amateurs all over the world to participate in the annual Worked All Germany Contest, Klaus Voigt, DL1DTL

1. Contest periods:

October, third full weekend, 1500 UTC Saturday to 1459 UTC Sunday 2007: 20./21. October 2008: 18./19. October

2. Modes and bands:

SSB, CW: 3,5 - 7 - 14 - 21 - 28 MHz

According to IARU Region I regulations and from experience in 2006 to reduce interference with the participants of JOTA contest operation is not allowed in the following contest-free sections:

 $\begin{array}{l} 80m: CW & - 3560 - 3800 \text{ kHz}, \\ SSB - 3650 - 3700 \text{ kHz} \\ 40m: SSB - 7080 - 71400 \text{ kHz} \\ 20m: CW & - 14060 - 14350 \text{ kHz}, \\ SSB - 14100 - 14125 \text{ kHz} \text{ und } 14280 - 14350 \text{ kHz} \\ 15m: SSB - 21350 - 21450 \text{ kHz} \\ 10m: SSB - 28225 - 28400 \text{ kHz} \end{array}$

3. Categories:

- Single operator, CW, low power
- Single operator, CW, high power
- Single operator, mixed, low power - Single operator, mixed, high power
- Single operator, mixed, QRP
- Multi operator
- SWL, single operator

Output power: QRP = up to 5 watts, low power = up to 100 watts, high power = more than 100 watts

For Multi operator band changes are allowed every ten minutes; Exception: working of new multiplier (other transmitters may be used in parallel to the main station to work multipliers on other bands, this means, several signals may be on the air on different bands at the same time).

Note: DX cluster support is allowed for all categories. Note: Only one signal permitted at any time (exception: multi operator).

4. Exchange:

A contest QSO can only be established between non-German and German stations and also between German stations. Non-German stations give the usual RS/RST + serial number. German stations give RS/RST + DOK (local area code). If the station worked does not send a serial number, log the contact with number 000. A station may be worked once per band per mode.

5. Multipliers:

The multiplier for Non-German stations is determined by the number of German districts worked on each band regardless of mode. The German district is indicated by the first letter of the DOK. From special DOKs (two or more letter/figure or figure/letter

combinations) only the first letter counts. Thus a maximum of

26 multipliers per band is possible (letters A ...Z). German stations use the current DXCC-entity-/WAE-

country-list. Each entity/country counts one multiplier per band

regardless of mode.

6. Scoring:

Each complete exchange counts 3 points for non-German stations. German stations get one point for QSO with an other German station, 3 points for an European station and 5 points for a DX-station. The final score is computed by multiplying the total number of QSO points by the sum of multipliers from all bands.

7. Contest awards:

Certificates will be awarded to every participant as PDF-file for self-printing.

8. Disqualification:

Violation of the rules of the contest or unsportsmanlike conduct will be deemed sufficient cause for disqualification.

9. Logs: Logs need to be sent in STF or Cabrillo-Format to the following E-Mail-Address: wao@dxhf.darc.de

Be sure to put the station callsign in the subject of each message.

By submitting an electronic log, the participant claims to fully accept the rules of the contest. A written declaration is not necessary.

10. Special regulations for SWLs:

All SWLs get one point (SSB) or three points (CW) for logging each new German station with the sent RS/RST + DOK and the call of the station working with the German station. The multiplier is determined by the sum of German districts (first letter of DOK - see point 5) heard on each band. Each German station may be counted once in SSB and once in CW on each band.

11. Deadline for log entries:

November 20th

12. Addresses:

for log: for questions: wag@dxhf.darc.de wag-info@dxhf.darc.de

WAG ALL TIME RECORDS

ENTRY	DL/EU/	DX CALL	SCORE	YEAR
Single OP CW <100 W	DL	DK3WW	877.716	2006
Single OP CW <100 W	EU	9H3L	377.625	2006
Single OP CW <100 W	DX	UN7MO	208.980	2004
Single OP CW >100 W	DL	DL1IAO	1.487.234	2006
Single OP CW >100 W	EU	SM5INC	318.420	2006
Single OP CW >100 W	DX	UA9SP	235.170	2005
Single OP Mixed <100 W	DL	DL3AMA	829.250	2006
Single OP Mixed <100 W	EU	IZ7EDQ	282.138	2006
Single OP Mixed <100 W	DX	4J5A	248.820	2005
Single OP Mixed >100 W	DL	DL3TD	2.158.441	2002
Single OP Mixed >100 W	EU	RK4FF	500.214	2002
Single OP Mixed >100 W	DX	RU9WX	395.370	2003
Single OP QRP	DL	DJ1YFK	327.327	2005
Single OP QRP	EU	US6EX	162.381	2000
Single OP QRP	DX	RA9SO	122.412	2002
Multi OP	DL	DQ4W	2.156.583	2006
Multi OP	EU	LA3ANA	463.500	2006
Multi OP	DX	RT9W	458.784	2004

Worked All Germany Contest (WAG) 2006 Results and Report by Klaus Voigt, DL1DTL

Top Scores

Single Opera	ator CW Low	v Power	Germany	,				
Call	Score	Multi	QSO	80m	40m	20m	15m	10m
DK3WW	877716	252	1163	313	314	329	151	55
DL4MCF	859195	227	1274	349	353	343	174	55
DP5T	627096	204	1116	322	285	349	140	20
DL1DSW	569400	219	956	333	238	240	98	47
DJ6BQ	515592	189	1004	358	325	207	93	21
DD5M	513540	180	1029	216	329	268	166	50
DL1DTL	479180	190	931	266	261	276	86	42
DL2LRT	469476	189	860	286	244	193	101	36
DL1EKC/P	459368	182	879	113	267	343	112	44
DL4ME	451935	165	1070	362	385	230	91	2
Foreign								
9H3L	377625	125	1028	125	172	238	228	265
UT2UB	214185	109	699	125	162	174	170	68
SV1ENG	177600	100	614	60	65	239	141	109
UN3M	171600	100	591	83	104	176	183	45
Y05KUC	165564	108	517	86	121	111	155	44
UA6LCN	164430	105	579	76	182	200	70	51
-								
Single OP C								
DL1IAO	1487234	287	1698	331	510	523	223	111
DP7A	193000	250	1425	323	499	387	172	44
DL5WW	140256	258	1342	364	433	272	191	82
DM1TT	757464	222	1246	329	416	280	147	74
DM3C	637749	191	1200	370	414	261	115	40
DL2MDU	628792	212	1019	228	277	302	156	56
Foreign								
SM5INC	318420	122	914	199	226	192	180	117
9A3B	247266	114	740	126	169	267	129	49
YL2PQ	200304	104	658	191	188	189	67	23
RT3T	190368	96	682	128	193	210	149	2
EW8DX	181365	107	586	116	180	200	62	28
EA3KU	174291	109	563	25	140	113	152	133
	ined the D							
Single-OP m				400	274	200	1 4 1	65
DL3AMA	829250	214	1371	422	374	369	141	65
DK3W	665878	223	1035	359	259	277	87	53
DL5FU	483160	188	910	191	356	227	96	40
DL9ABM	473564	182	932	385	272	167	74	34
DR3R	404622	177	842	365	163	168	106	40
DK5DQ	392922	166	804	196	215	247	110 40	36
DL7UMK DL1NKS	341481	161 159	828 883	308 363	270 345	187 84	40 69	23 22
DLINKS DL7DZ	337875 287210	159	677	265	196	120	63	33
DD1LD	287210	154	651	205 147	214	154	102	34
Foreign	212109	137	0.01	14/	214	104	102	54
IZ7EDQ	282138	118	824	27	144	144	275	234
YO3CZW	252396	114	755	37	156			
EA3IM	243756	111	780	17	264	307	95	97
IK6CAC	236925	117	697	74	122	273	166	62
SV1BJW	185136	112	567	64	100	196	119	88
IM0/DL2JRM/1		112	565	48	69	104	199	145
	1000000	110	500	10	0.5	101	100	110
Single-OP m	ixed High H	Power Ge	ermany					
Germany								
DL9EE	973140	245	1351	416	353	391	138	53
DJ80G	911729	233	1308	294	229	550	168	67
DF1IAQ	708310	193	1378	291	548	405	84	50
DL3EBX	470160	180	970	281	345	225	90	29
DJ3WE	450300	190	1022	398	433	98	59	34
DL2MWB	415524	186	888	262	239	254	104	29
Foreign								
4N6FZ	372000	124	1052	297	137	306	113	199
UA3QDX	365970	110	1136	159	301	464	156	56
S53EO	349392	116	1035	231	342	232	142	88
RA1AGL	313920	120	919	118	218	312	160	111
YO2RR	265176	116	774	107	113	199	243	112
HA3NU	230208	109	730	125	153	257	160	35
Single-OP Q	RP Germanv							
DL1ARJ	311049	153	831	416	184	125	63	43
DL3KVR	245784	147	603	175	200	175	38	15
DL6IAK	194916	148	498	196	47	133	80	42
DL6AWJ	90525	85	459	177	179	88	10	5
DL1HTX	67239	93	284	70	95	72	39	8
DB6F0	42336	84	212	92	39	42	32	7
Foreign								
UA4FER	105522	86	413	64	86	178	83	2
UA6LCJ	78351	91	290	58	50	89	57	36

F5VBT	76080	80	322	90	94	88	39	11
OE8NTK	58032	78	256	64	115	52	18	7
G3VGR	56322	63	302	85	176	41	0	0
SP4GFG	48348	68	237	70	97	63	7	0
Multi Ope	erator Germ	any						
DQ4W	2156583	363	1913	396	485	553	357	122
DL1WA	1866933	311	1919	326	395	701	329	168
DM1A	1740480	294	1951	358	431	730	320	112
DP9A	1684540	310	1917	433	634	560	181	109
DLOXM	1345707	297	1506	418	348	464	182	94
DQ4T	1320700	281	1629	374	350	610	205	90
Foreign								
LA3ANA	463500	125	1268	222	257	292	287	210
rf3a	325248	112	1024	108	258	397	220	41
ES1A	295845	121	840	166	250	170	180	74
RK3MWD	257088	104	888	109	222	429	115	13
RK3DXZ	236412	99	843	44	247	437	102	13
CT9L	208794	89	819	10	9	217	505	78



Two young WAG 2006 Operators. Fabian and Felix (10 years) as DN4SB.

Results by countries

(Call/DOK (only DL), QSOs/ QSO-points/ Multiplier/ Final Score/ Reduction in % (only DL) Single Operator CW Low Power

4K - Azerb 4K9W	-	291	47	1367	77			
5H - Tanza 5H3EE		510	69	3519	90			
9A - Croat 9A3TU	168							
9A5V 9H - Malta		450	50	2520	10			
9H3L A6 - Unite				37762	25			
AU - UNICE								
A61M	27	57	16	91	12			
A61M CT - Portu		57	16	91	12			
	ıgal							
CT - Portu	gal 206							
CT - Portu CT/UA4WEC	206	588	47	2763	36			
CT - Portu CT/UA4WEC DL - Germa	gal 206 my Y24	588	47 3483	2763	36 877716			
CT - Portu CT/UA4WEC DL - Germa DK3WW	gal 206 ny Y24 C26	588 1163 1274	47 3483 3785	2763 252 227	877716 859195			
CT - Portu CT/UA4WEC DL - Germa DK3WW DL4MCF DP5T DL1DSW	206 206 My Y24 C26 L11 S04	588 1163 1274 1116 956	47 3483 3785 3074 2600	2763 252 227 204 219	877716 859195 627096 569400			
CT - Portu CT/UA4WEC DL - Germa DK3WW DL4MCF DP5T DL1DSW DJ6BQ	206 206 my Y24 C26 L11 S04 I18	588 1163 1274 1116 956 1004	47 3483 3785 3074 2600 2728	2763 252 227 204 219 189	877716 859195 627096 569400 515592			
CT - Portu CT/UA4WEC DL - Germa DK3WW DL4MCF DP5T DL1DSW	gal 206 ny Y24 C26 L11 S04 I18 C01	588 1163 1274 1116 956 1004 1029	47 3483 3785 3074 2600 2728 2853	2763 252 227 204 219 189 180	877716 859195 627096 569400 515592 513540			

DL1EKC/P	Z59	879	2524	182	459368	П	H7AMF	Y18	106	263	52	1
DL1ME	X30	1070	2739	165	451935		L8UIL	Y24	104	279	46	1
DL7BY	D26	852	2248	199	447352		F4PD	G23	137	328	37	1
			2439									1
DL9CW	S01	888		175	426825		M2CEH	X07	105	259	46	
DL9ZP	V14	815	2257	173	390461		L3UKH	Y43	117	260	45	1
DL1BUG	Y18	885	2358	165	389070		F5LW	M0 3	160	314	37	1
DL1DQW	S24	796	2039	179	364981		L5WB	X09	100	306	37	1
DK1QO	Z65	853	2190	164	359160	D	L4NT	в08	66	202	48	
DA3T	22	840	2074	173	358802	D	L2BWM	Y22	112	294	31	
DL3DTH	S07	851	2223	159	353457	D	L1RLB	Y06	81	238	38	
DL6AG	S44	730	2058	171	351918	D	L9GWA	V04	109	352	25	
DL4HRM	W35	849	2255	139	313445		L7UPN	C11	71	195	44	
DH8VV	B25	716	2081	149	310069		L2IAN	K23	69	225	37	
DL8DWW	S04	717	1862	166	309092		L1DXL		71	194	39	
								S06				
DL7JV	D11	751	2000	146	292000		L1THB	V11	71	197	38	
DL5KUD	Z89	697	1838	157	288566		L5FCO	F39	73	202	35	
DK5XG	E22	661	1842	156	287352	D	M3XI	X10	45	152	39	
DL4UL	E01	786	2033	139	282587	D	L8DZV	S27	55	153	37	
DL3KUM	V12	628	1761	157	276477	D	L7AXM	Y22	53	160	35	
DL1PE	¥37	680	1730	154	266420	D	L7YS	D06	59	157	33	
DL3BRA	Y16	725	1883	127	239141	D	J10J	C25	51	154	32	
DL4JYT	S54	605	1591	140	222740		L3JRA	S44	63	179	26	
DL9SUB	V14	643	1730	128	221440		L3TF	Y24	47	118	33	
DL9SXX	V14 V28	655	1686	131	221440		L9GUN		68	124	24	
								V11				
DL3YM	A24	571	1451	147	213297		M3LHN	S60	50	126	21	
DL2AXA	X24	552	1405	142	199510		J5GG	B13	37	88	23	
DJ4EY	Z92	488	1335	144	192240	D	L2KWW	V11	23	63	21	
DL9URZ	A10	465	1582	115	181930	D	L2MIH	C18	21	65	19	
DJ3XD	H56	536	1416	123	174168	D	L1EV	R04	20	59	19	
DL4JU	R09	502	1229	136	167144	D	K1EAW/P	Z03	21	55	17	
DL3KWR	V11	483	1302	124	161448		J3TD	V11	35	54	16	
DL2NBY	B01	498	1277	126	160902		L4FDM	F02	24	58	9	
DL6KVA	V01	392	1198	125	149750		L2KUA	V01	14	35	11	
DJ2IA	Y25	503	1227	122	149694	D	K7NB	B20	62	54	6	
DD1IM	K27	454	1211	112	135632	F	A - Spain					
DK5IM	W37	430	1197	109	130473		-	1 0 0		60	25406	_
DK4PL	S05	349	1040	119	123760		A7CA	190	522	68	35496	
DH5JG	L15	324	965	126	121590		AlCS	180	516	59	30444	
DL1HAA	N22	437	1155	99	114345	E	А5ВАН	138	390	47	18330)
DF6MU	C12	343	1044	100	104400	E	A4CJI	151	315	58	18270)
DL7JOM	Y07	329	911	110	100210	E	A4BF	59	138	19	2622	2
DJ9MH	B10	374	930	107	99510	E	AlCRL	40	99	24	2376	5
DL1SCH	P06	375	890	111	98790	E	AlWX	24	69	16	1104	1
DL1ANT	S42	395	873	108	94284	E	A6 - Balea	areg				
DJ2SX	P42	505	929	94	87326		A6/DL5DSM	250	726	76	55176	5
DJ7YT	M11	303	801	96	76896	Б	A0/DL5D5M	250	/20	70	55170)
dl3zai	F58	302	749	102	76398	_						
DL7UXG	D21	302	764	96	73344		A8 - Canai	-				
DL4UCS	X04	260	670	108	72360	E	A8MQ	300	750	91	68250)
DL1RTS	Y07	278	648	98	63504	E	A8/DL8LAS	220	582	72	41904	Ŧ
DL5IAH	к09	315	952	66	62832	E	A8BEX	104	285	45	12825	5
DL4XU	E02	282	656	92	60352							
DL7ACN	A22	266	596	93	55428	Е	I - Irelan	nd				
DL2VRL	S27	233	575	93	53475	E	I9ES	71	207	42	8694	1
DF1SZ	P40	276	610	83	50630	F	U - Beları	10				
DL7BW	D20	226	532	91	48412		W8UN	450	1278	92	1E+05	-
DL9LM	V14	179	608	73	44384							
DL9AWI	X11	168	518	85	44030		V6Z	231	684		43092	
DL5ASK	X29	183	593	74	43882		W6EW	221	651	56	36456	
DL5SVB	V17	206	535	82	43870		W6MM	181	534		29904	
DL6UEF	¥27	190	570	73	41610	Ε	UGAA	128	372	52	19344	ŧ
DL6AT	V14	180	491	83	40753	E	W2EG	40	114	25	2850)
DL9SEV	P51	184	536	69	36984							
DL3HSC	W23	185	489	75	36675	F	- France					
							5UKL	356	993	100	99300)
DJ3XK	E31	127	414	88	36432		5ICC	166	498		28884	
DL6DSA	S20	246	638	55	35090		5QF	50	144		2736	
DL8YR	G01	213	527	65	34255	г	SQF	50	144	19	2/30)
DJ4EJ	A14	198	441	77	33957		_	_				
DL1RTL	Y34	170	446	76	33896		- England					
DF3IS	A36	181	455	72	32760	G	3GLL	148	438		23652	
DK9BW	I38	131	426	74	31524	G	40GB	152	432	44	19008	3
DF1RL	M35	184	457	66	30162	G	3URA	88	246	39	9594	1
DJ3XA	V01	185	472	63	29736	G	OMRH	76	201	36	7236	5
DL5CD	S60	120	365	71	25915	М	0AJT	52	150	26	3900)
DF1HF	E21	175	410	63	25830	G	U - Guerns	sev				
DL2ANM	X39	161	401	53	21253		UOFAL	75	207	28	5796	5
DL9GMC	V06	129	357	59	21063	141	JUL AL	ر ،	201	20	5/90	'
DL1KWK	V01	170	336	62	20832							
DL3DD	R10	122	360	56	20160		A - Hungar					
DL8EKI	I09	115	341	58	19778	Н	A8TP	515		101		
DL5JAN	S53	100	301	65	19565	Н	A2MN	275	807	61	49227	1
DL2AXM	X39	113	272	58	15776	Н	A5LZ	214	636	67	42612	2
DK5ZX	V22	100	265	59	15635	Н	A7LW	159	468	54		
DJ5QE	v22 N20	142	205	59	15198		AODW	83	240	32	7680	
DL8ZAJ	F09	100	279	54	15066	U	B9 - Swit:	zerlan	a			
DL5ZB	S19	98	244	60	14640					21	10200	1
DL5SWB	V14	109	291	47	13677	Н	B9SVT	115	300	54	10200	'

HS - Thaila	nd			
HS0AC	212	606	45	27270
I - Italy				
IZ3DBA	366	1020	86	87720
I2AZ	219	624	53	33072
I6FDJ	190	537	47	25239
IK2CZQ	145	399	53	21147
I1FLC	155	450	41	18450
IZ5GRS	100	276	54	14904
IZ8GCB	48	135	18	2430
IK2IKW	11	27	- 0	243
INZIN		27		215
IS - Sardin:	ia			
TSOXDA	148	441	57	25137
ISOUWX	45	105	17	1785
TROOMY	40	105	1/	1/05
IT - Sicily				
		1110	0.5	04250
IT9RZU	382	1110	85	94350
IT9ORA	262	771	79	
IT9ZAU	14	30	9	270
JA - Japan				
JA1CPZ	27	69	14	966
JA2KKA	15	45	11	495
JE1RRK	18	48	9	432
JA1AAT	б	15	5	75
JH9AMJ	2	6	2	12
JN70JA	2	б	2	12
K - USA				
WB2AA	182	534	72	38448
NJUA	159	465	62	28830
K1BV	123	324	54	17496
W1END	84	246	32	7872
K9QVB	79	204	30	6120
KR2AA	95	273	22	6006
WOQQG	73	177	30	5310
W9QQG W9ILY	48	135	19	2565
	25	69	21	1449
KU8E				
AB1FY	17	48	10	480
LA - Norway				
LA6DW	181	528	67	35376
LA3BO	144	432	51	22032
LA1YE	29	87	23	2001
LU - Argent:	ina			
LW1E	115	342		16416
LU5BE	36	96	22	2112
LU4MHQ	26	72	13	936
LY - Lithuan	nia			
LY4G	242	720	73	52560
LY1BX	226	588	67	39396
LY2LF	76			6660
	. •	227	30	0000
		222	30	0000
LZ - Bulgar	ia	222	30	0000
LZ - Bulgar : LZ5X0				
LZ5XQ	414	1221	99	1E+05
LZ5XQ LZ1KP	414 110	1221 279	99 41	1E+05 11439
LZ5XQ LZ1KP LZ2JR	414 110 151	1221 279 417	99 41 25	1E+05 11439 10425
LZ5XQ LZ1KP	414 110	1221 279	99 41	1E+05 11439
LZ5XQ LZ1KP LZ2JR LZ2UZ	414 110 151	1221 279 417	99 41 25	1E+05 11439 10425
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru	414 110 151 9	1221 279 417 24	99 41 25 6	1E+05 11439 10425 144
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru	414 110 151 9	1221 279 417	99 41 25 6	1E+05 11439 10425 144
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW	414 110 151 9 56	1221 279 417 24 126	99 41 25 6	1E+05 11439 10425 144
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech I	414 110 151 9 56 Repub	1221 279 417 24 126	99 41 25 6 24	1E+05 11439 10425 144 3024
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP	414 110 151 9 56 Repub: 483	1221 279 417 24 126 lic 1443	99 41 25 6 24 87	1E+05 11439 10425 144 3024 1E+05
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX	414 110 151 9 56 Repub 396	1221 279 417 24 126 lic 1443 1179	99 41 25 6 24 87 76	1E+05 11439 10425 144 3024 1E+05 89604
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX	414 110 151 9 56 Repub 396 300	1221 279 417 24 126 lic 1443 1179 882	99 41 25 6 24 87 76 82	1E+05 11439 10425 144 3024 1E+05 89604 72324
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC	414 110 151 9 56 Repub 396 300 259	1221 279 417 24 126 11c 1443 1179 882 762	99 41 25 6 24 87 76 82 67	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ	414 110 151 9 56 Repub 396 300 259 245	1221 279 417 24 126 11c 1443 1179 882 762 729	99 41 25 6 24 87 76 82 67 59	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC	414 110 151 9 56 Repub 396 300 259	1221 279 417 24 126 11c 1443 1179 882 762	99 41 25 6 24 87 76 82 67	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ	414 110 151 9 56 Repub 396 300 259 245	1221 279 417 24 126 11c 1443 1179 882 762 729	999 41 25 6 24 87 76 82 67 59 56 44	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088
L25XQ L21KP L22JR L22UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU	414 110 151 9 56 Repub 300 259 245 201	1221 279 417 24 126 142 1443 1179 882 762 729 573	999 41 25 6 24 87 76 82 67 59 56 44	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088
L25XQ L21KP L22JR L22UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU OK5A	414 110 151 9 56 Repub 300 259 245 201 207	1221 279 417 24 126 1443 1179 882 762 729 573 591	999 41 25 6 24 87 76 82 67 59 56	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU OK2ABU OK5A OL5DIG	414 110 151 9 56 Repub 300 259 245 201 207 144	1221 279 417 24 126 1443 1179 882 762 729 573 591 429	99 41 25 6 24 87 76 82 67 59 56 44 55	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1AY	414 110 151 9 56 483 396 300 259 245 201 207 144 184 180	1221 279 417 24 126 11c 1443 1179 882 762 729 573 591 429 528 492	99 41 25 6 24 87 76 82 67 59 56 44 55 44 40	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595 23232 19680
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1AY OK1DKR	414 110 151 9 56 Repub: 483 396 300 259 245 201 207 144 184 180 137	1221 279 417 24 126 11c 1443 1179 882 762 729 573 591 429 528 492 402	999 41 25 6 24 87 76 82 67 59 56 44 55 44 40 47	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595 23232 19680 18894
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2ABU OK2ABU OK5A OL5DIG OK1DAM OK1AY OK1DKR OK2BND	414 110 151 9 56 Repub: 483 396 300 259 245 201 207 144 184 184 184 137 107	1221 279 417 24 126 142 1443 1179 882 762 729 573 591 429 528 492 402 321	999 41 25 6 24 87 76 82 67 59 56 44 55 44 40 47 44	1E+05 11439 10425 144 3024 1E+05 89604 73224 51054 43011 32088 26004 23595 23232 23232 19680 18894 14124
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech J OK2MBP OK1HX OK2QX OK2C OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1DKR OK2BND OK1NE	414 110 151 9 56 Cepub: 483 396 300 259 245 201 207 144 184 180 137 107 107	1221 279 417 24 126 1443 1179 882 762 729 573 591 429 528 492 402 321 315	999 41 25 6 24 87 76 82 67 59 56 44 55 44 40 47 44 36	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595 23232 19680 18894 14124 11340
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech D OK2MBP OK1HX OK2QX OK2C OK2KJ OK2ABU OK2ABU OK5A OL5DIG OK1DAM OK1DKR OK2BND OK1NE OK2SJ	414 110 151 9 56 Cepub: 483 396 300 259 245 201 207 144 180 137 107 107 86	1221 279 417 24 126 1443 1179 882 762 729 573 591 429 528 492 402 321 315 243	999 41 25 6 24 87 76 82 67 59 56 44 55 44 40 47 44 36 35	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595 23222 19680 18894 14124 11340 8505
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1DKR OK1DKR OK1DKR OK2SJ OK1GS	414 110 151 9 56 Repub: 483 396 300 259 245 201 207 144 184 180 137 107 107 86 53	1221 279 417 24 126 1443 1179 882 762 729 573 591 429 528 492 402 321 315 243 153	999 41 25 6 24 87 76 82 67 59 56 44 55 44 40 47 44 36 35 15	1E+05 11439 10425 144 3024 1E+05 89604 72324 51054 43011 32088 26004 23595 23232 19680 18894 14124 11340 8505 2295
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1AY OK1DAM OK1AY OK1DKR OK2BND OK1BK OK2BND OK1GS OK6DJ	414 110 151 9 56 Republ 483 396 300 259 245 201 207 144 180 137 107 86 53 32	1221 279 417 24 126 1443 1179 882 762 729 573 591 429 528 492 402 321 315 243 153 75	999 41 25 6 24 87 76 82 67 9 56 44 55 44 40 47 44 40 47 44 35 51 5 21	1E+05 11439 10425 144 3024 1E+05 89604 72324 43011 32088 26004 23595 23232 19680 18894 14124 8505 2295 1575
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1DKR OK1DKR OK1DKR OK2SJ OK1GS	414 110 151 9 56 Repub: 483 396 300 259 245 201 207 144 184 180 137 107 107 86 53	1221 279 417 24 126 1443 1179 882 729 573 591 429 528 492 402 321 315 243 153 75	999 41 25 6 24 87 76 82 67 9 56 44 55 44 40 47 44 40 47 44 35 51 5 21	1E+05 11439 10425 144 3024 1E+05 89604 72324 43011 32088 26004 23595 23232 19680 18894 14124 8505 2295 1575
LZ5XQ LZ1KP LZ2JR LZ2UZ OA - Peru OA7/DL1CW OK - Czech 1 OK2MBP OK1HX OK2QX OK2EC OK2KJ OK2EC OK2KJ OK2ABU OK5A OL5DIG OK1DAM OK1AY OK1DAM OK1AY OK1DKR OK2BND OK1BK OK2BND OK1GS OK6DJ	414 110 151 9 56 Republ 483 396 300 259 245 201 207 144 180 137 107 86 53 32	1221 279 417 24 126 1443 1179 882 762 729 573 591 429 528 492 402 321 315 243 153 75	999 41 25 6 24 87 76 82 67 9 56 44 55 44 40 47 44 40 47 44 35 51 5 21	1E+05 11439 10425 144 3024 1E+05 89604 72324 43011 32088 26004 23595 23232 19680 18894 14124 8505 2295 1575

OM - Slovak				
OM7DX	535		86	
OM1AF OM3BA	186 200	549 591	58 51	31842 30141
OM7YC	35	90	23	2070
ON - Belgiu				
OR7Y	265	747	54	40338
OS5N ON4TTT	244 106	630 249	56 32	35280 7968
OR6C	55	165	28	4620
000A	23	60	10	600
OY - Faröer OY4M	29	78	19	1482
01414	29	70	19	1402
OZ - Denmar	k			
OZ5UR	76	228	33	7524
D. Nother	1			
PA - Nether PA2W	232	690	49	33810
PAOKHS	132	375	44	
PAOWKI	102	303	32	9696
PA3GLH	47	96	20	1920
PY - Brazil PY8MGB	85	237	33	7821
PY70J	18	45	12	540
PY4FQ	14	39	10	390
PY7GK	15	27	5	135
RA-AS - Asi				
UA9FGJ	306	915	80	73200
UA9BX	330	942	77	72534
RV9CP	303	843	62	52266
RX9FB	205	612	70	42840
UA9CBR	215	639	62	39618
RA9KM RA9HTO	248 157	690 453	55 39	37950 17667
RA9JG	125	357	41	
UA90A	63	186	34	6324
UA90MT	61	174	25	4350
RV9YK RW0AJ	63	180	24	4320
	65	192	21	4032 1248
RW9TA	27	78	16	
RW9TA	27	78	16	1240
RW9TA RA-EU - Eur	opean	Russia		1240
RA-EU - Eur UA6LCN	opean 579	Russia 1566	1 05	2E+05
RA-EU - Eur UA6LCN RK3XWO	opean 579 578	Russia 1566 1623	105 92	2E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO UA3LID	opean 579 578 532	Russia 1566 1623 1587	105 92 94	2E+05 1E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO	opean 579 578	Russia 1566 1623	105 92	2E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC	opean 579 578 532 437 476 435	Russia 1566 1623 1587 1290 1320 1290	105 92 94 95 89 90	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY	opean 579 578 532 437 476 435 401	Russia 1566 1623 1587 1290 1320 1290 1173	105 92 94 95 89 90 95	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX	579 578 532 437 476 435 401 381	Russia 1566 1623 1587 1290 1320 1290 1173 1137	105 92 94 95 89 90 95 87	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY	579 578 532 437 476 435 401 381 362	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032	105 92 94 95 89 90 95 87 88	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 1E+05
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM	579 578 532 437 476 435 401 381	Russia 1566 1623 1587 1290 1320 1290 1173 1137	105 92 94 95 89 90 95 87	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID	579 578 532 437 476 435 401 381 362 287 302 222	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648	105 92 94 95 89 90 95 87 88 77 66 62	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI	579 578 532 437 476 435 401 381 362 287 302 222 193	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567	105 92 94 95 89 90 95 87 88 77 66 62 63	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RM3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF	579 578 532 437 476 435 401 381 362 287 302 222 193 160	Russia 1566 1623 1587 1290 1320 1290 1133 1137 1032 765 825 648 567 471	105 92 94 95 89 90 95 87 88 77 66 62 63 70	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR	579 578 532 437 476 435 401 381 362 287 302 222 193	Russia 1566 1623 1587 1290 1220 1290 1173 1137 1032 765 825 648 567 471 564	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 35721 32970 32148
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RM3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193	Russia 1566 1623 1587 1290 1320 1290 1133 1137 1032 765 825 648 567 471	105 92 94 95 89 90 95 87 88 77 66 62 63 70	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ZLI RZ6HF RV3MR UA6HFI RK6CM RA3ZC	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441	a 105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ZI RA3ID UA4ZLI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161	Russia 1566 1623 1587 1290 1290 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426	a 105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4PJM	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122	Russia 1566 1623 1587 1290 1290 1290 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345	105 92 94 95 89 95 87 88 77 66 62 63 70 57 65 88 64 59 53	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RR5FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RX3ID UA4ALI RZ6HF RV3MR UA6HFI RK5CM RA3ZC RM6AMP UA4PJM UA3XAC	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 193 165 161 122 173	Russia 1566 1623 1587 1290 1290 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426	105 92 94 95 89 95 87 88 87 66 62 63 70 57 65 58 64 59 53 36	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 28224 28224 28134 18285 17820
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4PJM	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122	Russia 1566 1623 1587 1290 1320 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495	105 92 94 95 89 95 87 88 77 66 62 63 70 57 65 88 64 59 53	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4FJM UA3XAC UA3XAC UA3AKI RA3UAG	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 53 36 64 59 53 347	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4FJM UA3XAC UA3XAC UA3XAC UA3AKI RA3UAG RX3VF	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 58 64 59 53 366 41 53 47 46	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4AC UA4ZI RX3ID UA4ALI RX6CM RA3ZC RW6AMP UA6HFI RK6CM RA3ZC RW6AMP UA4PJM UA3XAC UA3XAC UA3AKI RA3UAG UA4AGO RX3VF UA6AK	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 53 366 41 53 36 41 53 46 45	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4FJM UA3XAC UA3XAC UA3XAC UA3AKI RA3UAG RX3VF	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 58 64 59 53 366 41 53 47 46	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422
RA-EUEurUA6LCNRK3XWOUA3LIDUA3LIDRK3IDRAGYYRAGYYRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNRAGYNUA1ZZRAGNUA4ALIRCGMRA3ZCRW6AMPUA4PJMUA3XACUA4AGORX3VFUA6AKRW4AD	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 321	105 92 94 95 89 90 95 87 88 77 66 62 63 70 65 58 64 59 53 36 41 53 36 41 53 47 46 45 47	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 282640 29232 28224 25134 18285 17820 17712 17490 16497 16497 16497 11130
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RX4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4FI UA4FI UA4FI UA3XAC UA3X	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132 132 130 115 146	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 456 504 441 426 345 495 432 330 351 357 357 357 321 381 318 432	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 53 36 41 53 36 41 53 47 36 457 37 37 35 23 30	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 17820 17712 17490 16497 16497 16497 16497 16497 16497 11130 9936
RA-EU Eur UA6LCN RK3XWO UA3LID RX3LID UA1CEC RM3QP RK4HD RAGYY RD3FX RM4AO RAGYY I RX3IM I RX4D I RAGYY I RAGYY I RAGYY I RX3IM I UA4LI I RK6CM I RW6AMP I UA3XAC I UA3XAC I UA4LI I RK6CM I RW6AMP I UA4JAGO I RX3VF I UA4AGO I IUA4AGO I IUA1PAC/1 I RX3QM I IUA1CE I	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132 133 130 115 146 109	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 321 381 318 432 303	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 41 53 47 46 45 47 37 35 23 32	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 5490 5405 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065 15087 14097 11130 9936 9696
RA-EU Eur UA6LCN RK3XWO UA3LID RX3LID UA1CEC RM3QP RK4HD RAGYY RX3ID RAGYY RASID RAMAO UA1CZ RASID UA4LI RZGHF RV3MR UA6HFI RK6CM RA3ZC UUA3XAC UUA3XAC UJA4AGO RX3VF UA4AGO RX3VF UA6AK RW4AD UA1PAC/1 RX3AQN UA1CE RN1AO	579 578 532 437 476 435 401 381 362 287 302 222 193 160 173 160 173 165 161 122 173 148 111 120 122 132 148 111 120 122 132 146 109 77	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 321 381 318 432 303 225	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 53 36 41 53 47 46 45 47 35 23 32 38 32	2E+05 1E+05 1E+05 1E+05 1E+05 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 16497 16422 16065 15087 14097 16422 16065 15087
RA-EU Eur UA6LCN RK3XWO UA3LID RX3LID UA1CEC RM3QP RK4HD RAGYY RD3FX RM4AO RAGYY I RX3IM I RX4D I RAGYY I RAGYY I RAGYY I RX3IM I UA4LI I RK6CM I RW6AMP I UA3XAC I UA3XAC I UA4LI I RK6CM I RW6AMP I UA4JAGO I RX3VF I UA4AGO I IUA4AGO I IUA1PAC/1 I RX3QM I IUA1CE I	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132 133 130 115 146 109	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 321 381 318 432 303	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 41 53 47 46 45 47 37 35 23 32	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 5490 5405 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065 15087 14097 11130 9936 9696
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RN3QP RK4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RZ5HF RV3MR UA6HFI RK6CM RA3ZC RW6AMP UA4FJM UA3KAC UA3KI RA3UAG UA3AC UA3AKI RA3UAG RX3VF UA6AK RW4AD UA1PAC/1 RX3MM RV3AQN UA1CE RN1AO	579 578 532 437 476 435 401 381 362 287 302 222 193 160 173 160 173 165 161 122 173 148 111 120 122 132 148 111 120 122 132 148 111 120 122 132 146 109 77 61	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 321 381 318 432 303 225 183	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 58 64 59 53 36 41 53 47 46 45 47 37 35 23 32 38 27	2E+05 1E+05 1E+05 1E+05 1E+05 98919 90816 58905 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065 15087 14097 11130 9936 9696 8550 4941
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RX3QP RK4HD RA6YY RD3FX RX3IM RN4AO UA1ZZ RA3ID UA4AD UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RX6AMP UA6HFI RX3XC UA4HJM UA4FJM UA3XAC UA4AJM UA3XAC UA3XKI RA3UAG UA4AGO RX3VF UA6AK RX3VF UA6AK RX3VF UA6AK RX34Q UA1PAC/1 RX3MM RV3AQN UA1CE RN1AO UA4FCO RA3BQ UA3RAW RL3AF	579 578 532 437 476 435 401 381 362 287 302 222 193 160 173 160 173 160 173 160 173 165 161 122 173 148 111 120 122 132 133 130 115 146 109 77 61 72 43 38	Russia 1566 1623 1587 1290 1220 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 357 321 381 318 432 303 225 183 192 111	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 53 36 41 53 36 41 53 36 41 53 36 41 53 36 41 53 36 41 53 32 38 27 38 27 38 27 38 20 22 16	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 54450 40176 35721 32970 32148 29640 29222 28224 25134 282640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065 15087 14097 11130 9936 9696 8550 4941 3840 2442 1776
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RX4HD RX4HD RA6YY RD3FX RK3IM RN4AO UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RX6CM RA3ZC RW6AMP UA4FI RA6CM UA4FI RX3MR UA4HJM UA3XAC UA3XAC UA3XAC UA3XAC UA3XAC UA3XAC UA3XAC RX3UAG UA4AGO RX3VF UA4AGO UA4AGO RX3VF UA4AGO UA4AGO RX3VF UA4AGO RX3VF UA4AGO RX3VF UA4AGO UA1CE RN1AO UA1CE RN1AO UA3C RX3AQN UA3C	579 578 532 437 476 435 401 381 362 287 302 222 193 160 173 160 173 165 161 122 173 148 111 120 122 132 148 111 120 122 133 148 111 120 122 133 148 111 120 122 133 38 33	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 357 321 381 318 432 303 225 183 318 432 303	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 46 457 37 35 23 38 27 20 216 18	2E+05 1E+05 1E+05 1E+05 1E+05 54905 54405 298919 90816 58905 54450 20232 28224 25148 29640 29232 28224 25124 25234 25124 25234 25234 25234 25234 25234 2524 252
RA-EU - Eur UA6LCN RK3XWO UA3LID UA1CEC RX3QP RK4HD RA6YY RD3FX RX3IM RN4AO UA1ZZ RA3ID UA4AD UA1ZZ RA3ID UA4ALI RZ6HF RV3MR UA6HFI RX6AMP UA6HFI RX3XC UA4HJM UA4FJM UA3XAC UA4AJM UA3XAC UA3XKI RA3UAG UA4AGO RX3VF UA6AK RX3VF UA6AK RX3VF UA6AK RX34Q UA1PAC/1 RX3MM RV3AQN UA1CE RN1AO UA4FCO RA3BQ UA3RAW RL3AF	579 578 532 437 476 435 401 381 362 287 302 222 193 160 173 160 173 160 173 160 173 165 161 122 173 148 111 120 122 132 133 130 115 146 109 77 61 72 43 38	Russia 1566 1623 1587 1290 1220 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 357 321 381 318 432 303 225 183 192 111	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 41 53 36 41 53 36 41 53 36 41 53 36 457 37 35 23 38 27 20 21 18 14	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 5450 54450 40176 35721 32970 32148 29640 29232 28224 25148 29640 29232 28224 25136 17712 17490 16497 16422 16065 15087 14097 11130 9936 9696 8550 4941 3840 2442 21776 1674 714
RA-EUEurUA6LCNRK3XWOUA1CECRN3QPRK4HDRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGCMRAGCMRAGCMRAGCMRAGCMUA4HIRAGCMUA4AGORX3VFUA4AGORX3VFUA1PAC/1RX3QNUA1CERNIAOUA4FCORA3BQUA3AFRA3GFGUA6BUX	579 578 532 437 476 435 401 381 362 287 302 293 160 193 160 173 165 161 122 173 148 111 120 122 132 148 111 120 122 133 130 15 146 109 77 61 72 43 38 33 21	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 357 357 351 381 318 432 303 225 183 192 111 111 93 51	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 46 457 37 35 23 38 27 20 216 18	2E+05 1E+05 1E+05 1E+05 1E+05 54905 54405 298919 90816 58905 54450 20232 28224 25148 29640 29232 28224 25124 25234 25124 25234 25234 25234 25234 25234 2524 252
RA-EUEurUA6LCNRK3XWOUA1CECRN3QPRK4HDRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGYYRAGNRAGNUA4ALIRCCMRA3ZCRMGAMPUA4JJMUA3XACUA4AGORX3VFUA4AGORX3VFUA1CERN1AOUA4FCORA3QQUA3RAWRL3AFRA3GFGUA4FUW	579 578 532 437 476 435 401 381 362 287 302 222 193 160 193 160 173 165 161 122 173 148 111 120 122 132 133 130 115 146 109 77 61 72 433 38 33 21 20	Russia 1566 1623 1587 1290 1320 1290 1173 1137 1032 765 825 648 567 471 564 456 504 441 426 345 495 432 330 351 357 357 357 357 351 381 318 432 303 225 183 192 111 93 51 54	105 92 94 95 89 90 95 87 88 77 66 62 63 70 57 65 58 64 59 33 366 41 53 477 46 455 477 35 322 38 277 20 22 16 18 14 10 10	2E+05 1E+05 1E+05 1E+05 1E+05 1E+05 5450 54450 40176 35721 32970 32148 29640 29232 28224 25134 18285 17820 17712 17490 16497 16422 16065 15087 14097 16422 16065 15087 14097 11130 9936 9696 8550 4941 3840 2442 1776 1674 714 540

S5 - Sloveni				
S57NL	272	711	67	47637
S58MU S53AU	153 23	444 69	42 12	18648 828
553AU	23	69	12	828
SM - Sweden				
SM5AOG	375	1110	92	1E+05
SE2T	237	696	84	58464
SM7EH	173	489	55	26895
SMOBDS	103	303	47	14241
SA1A	50	144	17	2448
SM6NJK	45	120	18	2160
SP - Poland SP8BAB	328	963	91	87633
SP8KEA/8	285	834	77	64218
SP2HPD	212	612	53	32436
SPIAEN	243	720	44	31680
SP9DUX	150	447	55	24585
SP1DPA	137	405	45	18225
SP6BAA	122	330	41	13530
SP7BDS	67	195	40	7800
SP7FCX	110	318	21	6678
SP9KJU	51	141	26	3666
GV _ C~				
SV - Greece	614	1776	100	2E+05
SVIENG SV2FWV/1	286	816	75	2E+05 61200
SV5 - Dodeca				
SX5R	157	465	70	32550
UN - Kazakha	itar			
UN3M	591	1716	100	2E+05
UN7EX	76	222	21	4662
OIV/ EIX	, 0	222	21	1002
UR - Ukraine	9			
UT2UB	699	1965	109	2E+05
UW2F	425	1248	105	1E+05
UU5JIB	365	1059	87	92133
UY5LQ	384	1074	83	89142
UR5ZTH	326	936	91	85176
UY5ZI	289	837	83	69471
UT3N	305	834	81	67554
UR5QA	250	726	67	48642
UR3LTD UT8IO	183 110	537 324	39 52	20943 16848
UX7QD	206	609	24	14616
UT7HM	124	309	38	11742
UY2ZZ	65			
UT8LO	50	147	22	3234
USOQG		126		2268
VK - Austral		0.5		1044
VK4TT VK8AV	34 19	96 57	14 12	
VLOAV	19	57	12	004
VU - India				
VU2BGS	135	396	53	20988
YB - Indones		<i>c</i> ~ ~ ~	4.0	21 27 7
YBODPO	222	639	49	31311
YL - Latvia				
	482	1422	97	1E+05
YL2CV	427	1275		
YL2TB	437	1290	91	1E+05 1E+05
YL5M	470	1377	82	1E+05
YL3DX	283	843	69	58167
YL2HK	225	591	46	27186
YL2AQ	97	246	47	11562
YL2TD	112	309		11433
YL8M YL2GQT	73 101	210	44 23	9240 6417
TÂGATT	TOT	219	43	041/
YO - Romania	1			
Y05KUC		1533		2E+05
YO9CXE	120	315	46	14490 13095
YO6GCW	102	291		
YOJJV	90	225		8775
YO9HG	41	120	23	2760
YU - Yugosla	wie			
	303	888	87	77256
YU7DP	253	747	68	50796
4N1N	113	315		19845
YU7LS	55	144	21	3024
YT1YV	25		11	

YV - Vene	zuela				
YV7QP		21	3 34	7242	1
ZS - Repul ZS6C	blic S 36		frica 7 16	1202	
2500	50	0	/ 10	1392	
Single Op	erato	r CW I	High P	ower	
9A - Croat		21.0	0 114	070.05	
9A3B 9A3ST	740 314	216 92		2E+05 74160	
9A2VN	51				
DL - Germa		1 < 0.0	F100	207	1407004
DL1IAO DP7A	A24 B25	1698 1425			1487234 1093000
DL5WW	V22	1342			1040256
DM1TT	F27	1246	3412	222	757464
DM3C	V22	1200			637749
DL2MDU	C06	1019			628792
DL5JS DL2F	R01 F07	922 996			551348 532332
DL1DTC	N26	936			465276
DL6UNF	¥27	915			462855
DL3BUE	¥22	777			367200
DF9DM	Z38	750			356724
DL5SE DL5A	S54 E09	800 731			323694 319200
DL5A DL8UNF	109 124	595			220800
DF8AA	X37	639			219583
DH0GHU	A30	462	1396	129	180084
DL7BA	V12	451			152211
DL6UHA	¥27	388			126767
DL3AMI DK0MN	X04 C12	350 418			123546 111150
DL5DXF	S29	389			108192
DL5CF	W26	340			107730
DL5XX	I53	269	813	86	69918
DL3APO	S46	171			13857
DM2RN	W26	113			9996
DF2PN DL3YA	Z11 W28	100 100			9516 8695
DL6RCK	U08	120			8463
DJ4KW	E34	27	82		1804
DJ8BD	004	25	81	17	1377
DL6DQI	S01	48	74	16	1184
EA - Spain	n				
EA3KU	563	1599	109 1	74291	
EU - Bela		1 6 9 5	100 1	01065	
EW8DX	586	1695	107 1	81365	
EX - Kyrgl	hyzsta	n			
EX2A	180	528	62	32736	
F5 - Franc					
F5IN F5VHY	570 155	1683 441	103 1 57	.73349 25137	
F5VH1 F5YJ				8613	
1 5 1 0	22	201	55	0010	
G - Engla	nd				
G3UFY		339	35	11865	
MODSL	39	114	17	1938	
GM - Scot					
GM3JKS	106	285	42	11970	
HA - Hunga	2737				
		1500	96 1	44000	
HA1YI					
I - Italy					
IZ5BAM	78	189	35	6615	
JA - Japan	n				
JA9CWJ	77	219	26	5694	
JA5APU	34	90	14	1260	
JK1LUY	13	36 15	9	324	
J07KMB	5	15	5	75	

K - USA				
N4AF N4CW/1 K4BAI	421	1221	86	105006
N4CW/1	357	1047	83	86901
		345		
K1KI	103	309		
N9CK	113	336		
WA3AAN	88	246	39	
N3KR	74	219		
W9YQ	74	201	21	4221
KD2HE	43	114	23	2022
LX - Lux	embour	7		
LX1NO	2		2	12
LY - Lit	huania			
LY3M	62	177	21	3717
LZ - Bul	-			
LZ1MC	138		55	
LZ3FN	142	411	51	20961
OH - Fin	land			
он - гіп он6м		1070	01	115752
ОНОМ	405	12/2	91	113/32
OK - Cze	ch Rep	ublic		
OK1AYY			46	18492
ON - Bel	gium			
OT1A	100	267	22	5874
P4 - Aru				
P43JB	271	729	68	49572
PA - Net				
PAOLOU	152	426	51	21726
PY - Bra				
PI - BIA PY3AU		1/1	20	1220
FIJAU	49	141	30	4230
RA-AS -	Asiatio	Russ:	ia	
RA9SG	200			31104
UA9UCK		444	55	24420
RU9UC	67	192	37	7104
RA9FLW	51	147	25	3675
RA-EU -				
RT3T		1983		
RA6CZ			97	115236
RK3DK	432	1254	73	91542
RA3FD RA4NF	136	408	46	18768 1071
RA4NF	22	63	1/	10/1
SM - Swe	den			
SM5INC		2610	122	318420
	217	2010		510120
SP - Pol	and			
SP4KDX	271	798	61	48678
SP2LNW				
UN - Kaz				
UN9L				113520
UP1G	64	189	29	5481
UR - Ukr			a -	1010
UR7QC				104328
UT5UIA	340	978 654	79	
UT7EZ	230	654	80	52320
VQ9 - Ch	agog			
VQ9 - CH VQ9JC		370	45	16740
·2/0C	±20	212	-13	10/40
YL - Lat	via			
YL2PQ	658	1926	104	200304
~				
YO - Rom				
YO4NA		579	65	37635
Single (Operato	or Mix	ed Mo	ode Low
Power				
4K - Aze			-	
4J7WMF	62	174	38	6612
4¥ =-				
4X - Isr 4X6DK		123	01	2583
JAUDA	42	143	∠⊥	2003

BV - Taiwa	an	4	10	4	4.0	DC2ZL	H42	121	296	59	17464
BU2AO		4	12	4	48	DF8XC DG0CC	N01 S54	140 108	326 300	52 56	16952 16800
DL - Germa	any					DK6PW	¥06	118	313	53	16589
DL3AMA	X06	1371	3875	214	829250	DC8WPA	K46	181	317	52	16484
DK3W DL5FU	W37 K18	1035 910	2986 2570	223 188	665878 483160	DK6AY	H41	100	288	53	15264
DL9ABM	H07	932	2602	182	473564	DP5P DL7VX	WL2006 D14	185 118	317 281	48 53	15216 14893
DR3R	Y14	842	2286	177	404622	DF1MA	A24	101	270	54	14580
DK5DQ	032	804	2367	166	392922	DL1TPY	Y09	120	260	56	14560
DL7UMK	Y07	828	2121	161 159	341481 337875	DLOWZ	KT06	119	286	49	14014
DL1NKS DL7DZ	В24 I11	883 677	2125 1865	159	287210	DL2MLU DL7VRG	C12 C21	117 94	280 253	49 54	13720 13662
DD1LD	C12	651	1737	157	272709	DH4PSG	N20	130	261	51	13311
DL5X	X30	601	1634	145	236930	DO1BEN	G11	162	308	43	13244
DFODIG	DIG	508	1431	145	207495	DG80P	H42	112	261	50	13050
DL9NDS DL4AWA	DVB X06	495 673	1464 1452	138 139	202032 201828	DJ2FH DL1DBR	F42 017	104 98	264 243	48 52	12672 12636
DJ2AX	x20	590	1428	122	174216	DJ1DBK DJ2CK	033	116	256	48	12030
DL3AWB	X45	444	1084	137	148508	DL3AWI	X06	93	229	49	11221
DH2MA	A23	378	944	128	120832	DL2KWA	V06	130	272	40	10880
DL1ARD DB7TF	X23 F62	412 345	1065 882	105 116	111825 102312	DG5LAC DL80AZ	E38 H42	74 92	225 229	47 46	10575 10534
DL2DTL/P	S08	580	1064	87	92568	DISORZ	G06	88	240	43	10320
DJ3JD	Н03	421	888	104	92352	DO1YCL	N41	190	321	32	10272
DL5JRA	S56	351	914	99	90486	DK1TS	020	108	227	44	9988
DM9CM DL6OZ	A36 H24	288 340	743 840	119 104	88417 87360	DD8UD	S14	81	216	44	9504 8732
DH8WE	x23	344	958	90	86220	DC9AM DA0SR	E09 Q11	87 99	236 212	37 39	8732
DL1LKR	052	470	901	95	85595	DM6HB	R32	92	203	40	8120
DC3MH	L04	383	801	103	82503	DL6HBQ	E09	83	202	40	8080
DL8AAM DR4G	Н53 С22	333 346	760 804	105 99	79800 79596	DG5AAP	I15	90	206	39	8034
DL1DUO	S07	334	709	111	78699	DM5YY DL4KW	S07 G06	92 83	201 196	38 35	7638 6860
DK4DE	Н56	414	793	93	73749	DB1HGV	Н05	65	191	34	6494
DG1IU	A35	519	957	73	69861	DF7MR	W22	55	172	37	6364
DL3BBY DL4MA	E16 Z88	309 341	741 708	93 95	68913 67260	DM7YY	S07	72	246	25	6150
DL4MA DL1HSR	200 W22	264	708	90	65160	DL1DQF DD9DAG	S28 Y14	71 79	186 166	33 36	6138 5976
DC7NF	U09	363	756	82	61992	DL1HWH	W19	62	180	33	5940
DK3WJ	X22	244	639	93	59427	DL8ZVG	W37	62	157	35	5495
DM4DX DH5AO	N40 X14	187 314	573 652	102 88	58446 57376	DL7FA	D08	63	146	37	5402
DH5A0 DM5A	S27	305	614	85	52190	DL1VTL DK9VA	S14 Q11	74 99	160 165	32 30	5120 4950
DL8UVG	¥30	229	594	87	51678	DK5TX	N01	46	157	31	4867
DL3AZI	X06	226	511	92	47012	DL2EF	R06	84	183	26	4758
DG1XO/P DM3HZN	W13 S53	273 202	578 587	80 76	46240 44612	DL9HCO	E09	79	153	30	4590
DM3HZN DL7APK	D14	202	548	81	44388	DL2DRG DF2KD	S24 G22	53 51	146 137	30 29	4380 3973
DM3XD	052	220	496	86	42656	DL2FJK	F29	47	140	27	3780
DL7VPO	Y21	462	673	61	41053	DC2VE	Q05	84	160	23	3680
DL0AU DK4JM	60T01 L18	225 196	532 478	74 75	39368 35850	DK6BT	Z02	59	126	28	3528
DL5BAW	153	186	519	68	35292	DG1DRS DL1AZK	S24 X23	56 31	133 111	26 26	3458 2886
DL6UYA	¥27	200	469	74	34706	DL8SDI	P26	55	115	25	2875
DF2PH	F20	185	458	73	33434	DO1AYJ	X22	42	107	24	2568
DL7GH DL1CWI	D27 L30	184 170	445 479	72 66	32040 31614	DH5NBK	B38	38	108	23	2484
DL1CW1 DL4PF	¥25	214	461	68	31348	DO1KUB DM2AJK	F27 X32	72 35	120 103	20 22	2400 2266
DM3KTO	D27	170	429	73	31317	DK8RE	¥43	35	87	25	2175
DL4CW	т10	136	445	68	30260	DG5SM	A07	34	90	24	2160
DH6DAO DM2BPG	017 W33	195 151	423 414	70 69	29610 28566	DGOOM	X23	52	107	20	2140
DM2BPG DL4AUE	w33 X35	179	414	69 62	28500	DL8UER DK7MCX	¥27 C10	34 38	103 87	19 22	1957 1914
DJ4TS	F20	166	427	66	28182	DL4ANI	X06	44	85	21	1785
DJ9MT	M11	148	406	67	27202	DL2YOU	F27	32	87	20	1740
DL4MNG DF6WE	L11 L14	207 178	458 405	59 65	27022 26325	DG6LAU	M35	51	89	18	1602
DFOWE	N43	164	399	65	25935	DO3ASE DG6LAR	X45 M26	72 24	112 80	14 18	1568 1440
DL4NN	B08	131	368	70	25760	DL1NPG	V22	27	79	15	1185
DG0DG	S27	150	382	67	25594	DG2LO	M35	24	82	14	1148
DL60AK	H56	140	395	64	25280	DO3PKE	¥25	64	85	11	935
DL2BIS DM5JF	I05 S42	116 142	341 375	74 63	25234 23625	DM4TI DO1UZ	X06 S27	33 45	63 61	14 13	882 793
DL4MHA	C06	115	348	67	23316	DOISSB	P=1	49	66	11	726
DG60AG	Н62	154	392	59	23128	DO1CS	S49	39	72	10	720
DLOGRH	S18	107	329	69	22701	DL9XW	I33	16	45	14	630
DK8PX DM3BJ	K07 X20	143 158	360 338	63 67	22680 22646	DK7AS/P	X20	55 47	66 71	9	594 568
DL1SEC	P15	116	342	66	22572	DL8BTE DF2AP	Y14 X10	47 20	71 38	8 11	568 418
DL1AWC	X31	138	357	60	21420	DKOLA	U07	46	58	7	406
DF1HE	I12	129	349	58	20242	DC2IP	A53	10	28	8	224
DJ2RG DK2FPU	W12 Y09	257 102	663 311	30 63	19890 19593	DK6EL	W09	8 14	19 20	7	133
DL2RZG	¥09 W36	130	311 327	63 59	19593	DL8DXL DL0ELB	S22 800ELB	14 5	20 12	4 3	80 36
DF900	H01	139	329	58	19082	DL6UD	¥28	4	4	1	4
DL3YEE	N43	100	300	61	18300						
DO4ZN	Т09	117	354	50	17700				ł	aye 3.	1 of 37

EA - Spain				
EA3IM				243756
EA1WS EA3AGB	204 142	552 378	60 51	33120 19278
EA3GHZ	45	129	24	3096
EA3FHP	40	114	18	2052
EB1EWE	27	81	23	1863
EI - Ireland				
EI4CF EI9FVB				161040
ETALAR	19	57	17	969
ER - Moldavia				
ER3CT	183	510	65	33150
ES - Estonia				
ES5RIM	31	87 54	16 14	
ES6RMR	19	54	14	756
EU - Belarus				
EU1AI			94	141846
EW6AF	492	1416	86	121776
EW8DA	50	150	29	4350
F - France F6HIA	478	1329	00	116952
FITRE	50	144	26	3744
F4EMN	24	63	13	819
G - England				
GOCKV		1251		
2EOPLA	149 67	312	50	15600
GOMTN G7RTI	27	192 75	30 24	5760 1800
G/III	27	15	21	1000
GI - Northern	Ire	land		
GI4NKB	347	1008	79	79632
GI4AAM	87	249	51	12699
and and low l				
GM - Scotland MM0GOR		60	16	960
MMOGOR	22	00	10	900
GU - Guernsey				
-		186	44	8184
MU0GSY		186	44	8184
MUOGSY GW - Wales	65			
MUOGSY GW - Wales GWOTKX	65 44	123	24	2952
MUOGSY GW - Wales	65			
MUOGSY GW - Wales GWOTKX	65 44	123	24	2952
MUOGSY GW - Wales GWOTKX MWOCWJ	65 44 19	123	24 14	2952
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF	65 44 19 190	123 54	24 14	2952 756
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand	65 44 19 190	123 54 507	24 14 44	2952 756 22308
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF	65 44 19 190	123 54	24 14	2952 756
MUOGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF HS - Thailand E21EIC	65 44 19 190 12	123 54 507	24 14 44	2952 756 22308
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand	65 44 19 190 12 abia	123 54 507	24 14 44	2952 756 22308
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA50AF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK	65 44 19 190 12 abia	123 54 507 36	24 14 44 11	2952 756 22308 396
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA50AF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy	65 44 19 190 12 abia 127	123 54 507 36 354	24 14 44 11 47	2952 756 22308 396 16638
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ	65 44 19 190 12 12 127 824	123 54 507 36 354 2391	24 14 44 11 47 118	2952 756 22308 396 16638 282138
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC	 65 44 19 190 12 abia 127 824 697 	123 54 507 36 354 2391 2025	24 14 44 11 47 118 117	2952 756 22308 396 16638 282138 236925
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ	65 44 19 190 12 12 127 824	123 54 507 36 354 2391	24 14 44 11 47 118	2952 756 22308 396 16638 282138
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF	65 44 19 190 12 abia 127 824 697 234	123 54 507 36 354 2391 2025 690	24 14 44 11 47 118 117 86	2952 756 22308 396 16638 282138 236925 59340
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG	65 44 19 190 12 abia 127 824 697 234 136	123 54 507 36 354 2391 2025 690 390	24 14 44 11 47 118 117 86 74	2952 756 22308 396 16638 282138 236925 59340 28860
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA50AF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF	65 44 19 190 12 127 824 697 234 136 120 90 75	123 54 507 36 354 2391 2025 690 390 336 234 219	24 14 44 11 47 118 117 86 74 46 35 37	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC	65 44 19 120 12 127 824 697 234 136 697 234 120 90 75 35	123 54 507 36 354 2391 2025 690 390 390 390 3234 219 78	24 14 44 11 47 118 117 86 74 46 35 37 17	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO	65 44 19 120 12 abia 127 824 697 234 136 697 234 120 90 75 35 23	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66	24 14 44 11 47 118 117 86 74 46 35 37 17 16	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8103 1326 1056
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC	65 44 19 120 12 127 824 697 234 136 697 234 120 90 75 35	123 54 507 36 354 2391 2025 690 390 390 390 3234 219 78	24 14 44 11 47 118 117 86 74 46 35 37 17	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR	65 44 19 190 12 127 824 697 234 136 120 90 75 35 23 11	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297
MUUGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA50AF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0ENR IZ0FVD IS - Sardinia	65 44 19 190 12 abia 127 824 697 234 136 120 90 75 35 23 11 18	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33	24 14 44 11 47 118 47 117 86 74 46 35 37 17 16 9 8	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF HS - Thailand E21EIC HZ - Saudi Ar HZIIK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2ETO IZ0BNR IZ0FVD	65 44 19 190 12 abia 127 824 697 234 136 120 90 75 35 23 11 18	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33	24 14 44 11 47 118 47 117 86 74 46 35 37 17 16 9 8	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IWOHLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P	65 44 19 190 12 abia 127 824 697 234 136 120 90 75 35 23 11 18	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33	24 14 44 11 47 118 47 117 86 74 46 35 37 17 16 9 8	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P	65 44 19 12 abia 127 824 697 234 136 697 234 120 90 75 35 23 11 18 565	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IWOHLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P	65 44 19 190 12 abia 127 824 697 234 136 120 90 75 35 23 11 18	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P	65 44 19 12 abia 127 824 697 234 136 697 234 120 90 75 35 23 11 18 565	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZIIK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3CNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV	65 44 19 12 abia 127 824 697 234 136 697 234 120 90 75 35 23 11 18 565	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399 1890
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HA5OAF HS - Thailand E21EIC HZ - Saudi Ar HZIIK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV K - USA K2MFY AK1Q	65 44 19 190 12 abia 127 824 697 234 136 120 90 75 35 5 23 11 18 565 36 105 70	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623 105 279 189	24 14 44 11 47 118 117 86 74 46 35 377 17 16 9 8 113 18 18 46 36	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399 1890 12834 6804
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV K - USA K2MFY AK1Q AB2TC	65 44 19 12 12 abia 127 824 697 234 136 697 234 136 20 90 75 35 23 11 18 565 36 105 70 52	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623 105 279 189 153	24 14 44 11 47 118 47 117 16 35 37 17 16 9 8 113 18 18 46 36 30	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399 1890 1890
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV K - USA K2MFY AK1Q AB2TC WB8JUI	65 44 19 12 abia 127 824 697 234 136 697 234 120 90 75 35 23 11 18 565 36	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623 105 279 189 153 99	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113 18 18 18 46 30 20	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399 1890 1890
MUUGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK40JF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD S - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV K - USA K2MFY AK1Q AB2TC WB8JUI K4IU	65 44 19 12 abia 127 824 697 234 136 90 75 35 23 11 18 565 36 105 70 52 36 19	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623 105 279 189 153 99 54	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113 18 18 18 46 30 20 13	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8103 1326 1056 297 264 183399 1890 183399 1890 12834 6804 4590 1980 702
MUJGSY GW - Wales GWOTKX MWOCWJ HA - Hungary HASOAF HS - Thailand E21EIC HZ - Saudi Ar HZ1IK I - Italy IZ7EDQ IK6CAC IK4QJF IZ3GNG IK2QLX IW0HLZ IZ5DKF IK2VUC IZ2GTO IZ0BNR IZ0FVD IS - Sardinia IM0/DL2JRM/P JA - Japan JM2RUV K - USA K2MFY AK1Q AB2TC WB8JUI	65 44 19 12 abia 127 824 697 234 136 697 234 120 90 75 35 23 11 18 565 36	123 54 507 36 354 2391 2025 690 390 336 234 219 78 66 33 33 1623 105 279 189 153 99	24 14 44 11 47 118 117 86 74 46 35 37 17 16 9 8 113 18 18 18 46 30 20	2952 756 22308 396 16638 282138 236925 59340 28860 15456 8190 8103 1326 1056 297 264 183399 1890 1890

LA - Norway		010	41	0722
LA2GN	75	213	41	8733
LB1LF	7	21	6	126
LY - Lithuania				
LY2FN	46	138	23	3174
LZ - Bulgaria				
LZ9Z	341	978	86	84108
LZ2PEP	178	531	66	35046
LZ1ZC	10	24	7	168
OE - Austria		1566		1 4 5 0 0 4
OE4VIE	525		94	147204
OE4NKB	68	195	34	6630
OH - Finland				
OHGIU	210	588	25	14700
OK - Czech Rep	publi	lc		
OK1DOL	550	1635	84	137340
OK1KZ	168	483	39	18837
OK5MM	143	396	45	17820
OK2BV	121	330	37	12210
OM - Slovak R	epubl	lic		
OM5NL	364	1047	88	92136
OM6AL	244	648	60	38880
ON - Belgium				
ON4AST	38	114	25	2850
OZ - Denmark				
OZ4NA	117	336	62	20832
PA - Netherla	nds			
PAOMIR	259	747	49	36603
PF9A	107	303	37	11211
PG2D	13	33	7	231
RA-AS - Asiat	ic Ru	ıssia		
RX9WN	329	957	74	70818
UA9ACJ	150	447	68	30396
RK9CR	165	471	59	27789
RA9XU	120	342	49	16758
RX9FW	88	237	39	9243
RZ9OW	101	291	31	9021
RX9FR	84	243	37	8991
RX9CCJ	46	138	32	4416
UA9TQ		174		3306
RX9TL	41	120		2520
RAOAY	29	84	17	1428
RA-EU - Europ				
		936		79560
UA3QG	371	1056	66	69696
RL3AB	305	885	77	68145
UA3LHL	55	165	40	6600
UA3DUJ	50	129	26	3354
RW1CW	36	96	27	2592
RX3QDF	39	108	24	2592
UA3DLD	28	72	13	936
UA4PAQ	10	24	6	144
S5 - Slovenia				
S51DX	343	948	86	81528
SM - Sweden				
SKOHS/0		465	77 23	35805
SM4FYX				1863
SM5OSZ	11	24	8	192
SP - Poland			_	
				29100
SP3GHK	193	501	45	22545
		603	26	15678
SQ6CU	166	444	25	11100
SP4ICD	77	216		9072
SP3NYR	23	51	15	765
SP5DRE	Τ8	54	13	702
au a				
SV - Greece	E C 77	1650	110	105126
		1653 600		185136
SV1MF	⊿⊥4	000	/ ⊥	42600

SV5 - Dode	cane	es				
SV5/DL3DRN			1050	81	850	050
T9 - Bosni T92M		_	945	85	803	325
TA - Turke	v					
TA3BN	1	23	69	13	ε	397
UN - Kazak	hsta	an				
UN7MMM			1221	50	610	50
UN20		167	468	75	351	00
UR - Ukrai	ne					
UY5TE		238	702			
UT5PY UT8EU		139 140	399 396	57 48	227 190	
UY1U		141	393	46	180	
UR7M		127	327	25	81	75
UR4UGL		46	138	18	24	184
V3 - Beliz	е					
V31HK		71	213	35	74	155
VE - Canad	а					
VE - Canad VE2AWR		171	504	56	282	224
VA3PL		71	177	34	60	18
VA2SG		28	81	16		296
VA2RIO VA7MJR		22 14	57 36	15 12		355 132
111/11010			50			
VU - India						
ATOD		4	12	4		48
YB - Indon	esia	a				
YE1AA			492	38	186	
YCONFL		31	87	16	13	392
YI - Iraqu	e					
YI9QJ		26	69	18	12	242
YL - Latvi	2					
YL2PP		192	561	62	347	82
YO - Roman		755	0014	1 1 4	0 - 0 -	
YO3CZW YO9DBP		282	2214 : 798		638	
YO2LXW		60	165	26		290
YO3JW			168	22		596
YO2LPC YO2BPZ		47 4	138 12	21 3	28	398 36
102012		-	12	5		50
YU - Yugos						
YU1EQ		118	342	45	153	390
				Vede		- h
Single Ope Power	erat	ors I	lixed	Mode	, HI	gn
4X - Israe	1	105	201	0.5	1.0	
4X1VF		135	381	27	10	287
DL - Germa		1251	3970	24	15	973140
	F62	1308			33	911729
DF1IAQ 1	P05	1378			93	708310
	R09	970	2612		30	470160
	CO1 F07	1022 888	2370 2234		90 36	450300 415524
	R11		2458		13	351494
DK7AN	W35	738	2030		50	324800
		570	1581		55	245055
	R33 787	647 561	1620 1321		12 37	230040 180977
	IDW		1303		23	160269
		400	1223		L2	136976
	TDW		1031		8	111348
	Y05 H20	570 334	1026 776	94 98		96444 76048
			721	95		68495

DL8DAZ	039	204	662	72	47664
DK5IR	A22	224	544	74	40256
DL1PT	F37	180	425	64	27200
DF5BX	I37	163	381	62	23622
DH7YAX	R01	131	348	49	17052
DJ5OW	S29	133	430	33	14190
DL6RB0	U09	111	277	50	13850
DD4JC	I09	101	282	43	12126
DH1PAL	G22	88	216	46	9936
DF3TE	G22	94	226	42	9492
DG1RZD	Y02	98	213	43	9159
DL20BO	H16	67	217	29	6293
DL2FK	P15	56	162	31	5022
DJ6OZ	E18	44	143	33	4719
DG1ATN	X30	60	150	24	3600
			121		
DL2AMD	X22	85		18	2178
DL2RMC	C15	21	81	21	1701
DK3UO	K23	32	72	19	1368
DB9EX	R11	17	51	12	612
EA- Spain	L				
EC1DX		457	1311	91	119301
201211		107	1011	21	110001
EK - Arme	nia				
EK3SA		637	1881	95	178695
F - Franc	e				
F4CPF		15	45	14	630
HA - Hung	ary				
HA3NU		730	2112	109	230208
HA3AUI		168	486	62	30132
HK - Colu	mbia				
нкзаху		50	141	31	4371
		00		51	1071
	_				
I - Italy					
IK3SCB		502	1470	81	119070
IV3UHL		307	849	71	60279
I4YUG		32	96	25	2400
JA - Japa	n				
JG2REJ		10	27	8	216
JH2BTM		8	24	6	144
K - USA					
K3ZO		306	864	84	72576
K4YT		443	1260	49	61740
W2LE		250	729	53	38637
1200		250	, 20	55	50057
LA - Norw	ay				
LA1BNA		158	471	78	36738
LY - Lith	uania	a			
LY3CY		276	828	69	57132
LY1CM		253	672	65	43680
LY6M		28			
BION		20	01	22	1/02
LZ - Bulg	aria				
LZ5AZ		262	753	52	39156
OK - Czec	h Rep	public			
OK2BEN		77	222	34	7548
OM - Slov	ak Re	i Iduae	c		
OM4JD		-	1830	98	179340
PA - Neth			1050	20	175510
	ler tai				
PA3AJW			864	45	
PAOIJM		283	795	42	33390
RA-AS - A	siat	ic Rus	sia		
UA9JLL		534	1554	85	132090
RAOAA		103	303	25	7575
RK9KWI		104		23	
UA9CGL		38	111	23	2553
		-			
RA-EU - E	urope				
UA3QDX		1136	3327	110	365970
RA1AGL		919	2616	120	313920
RD4WA		771	2139	97	207483
RW6AN		602	1725	99	170775
		252		57	
		434		57 49	
UA4LU		1 2 0			
UA4LU RA3LZ		130	360		
UA4LU RA3LZ RZ3DH		141	387	41	15867
UA4LU RA3LZ			387		
UA4LU RA3LZ RZ3DH		141	387	41 45	15867 15255
UA4LU RA3LZ RZ3DH UA4NCI		141 114	387 339	41 45	15867 15255
UA4LU RA3LZ RZ3DH UA4NCI	renia	141 114	387 339	41 45	15867 15255

S53EO		1035	3012	116	349392
S56DX		68			7020
000011		00	195	50	1020
SM - Swe	don				
	den	21.0	015	0.0	01425
7S2AT		310	915	89	81435
UN - Kaz	akhsta				
UN7QF		158	432	23	9936
UR - Ukr	aine				
UU2JG		100	282	35	9870
VE - Can	ada				
	aua	110	200	38	11740
VE1MC		110			11742
VA3IX		14	33	7	231
YB - Ind	onesia				
YC1TJ		28	78	15	1170
YL - Lat	via				
YL2BJ		221	624	70	43680
YL7X		178			29880
10/21		1/0	190	00	29000
YO - Rom	anic				
	anra		000-	110	000100
YO2RR				116	265176
YO3AK		38	111	19	2109
Z7 - Mon	tenegi	ro			
4N6FZ		1052	3000	124	372000
ZS - Rep	ublic	South	Afri	ca	
ZS5ZZ				24	2160
45544		55	90	24	2100
Single (operat	ors (QRP		
9A - Cro	atia				
9A2EY		77	225	22	4950
9A2EY		77	225	22	4950
9A2EY DL - Ger	many	77	225	22	4950
	_				4950 311049
DL - Ger	_	831			
DL - Ger DL1ARJ DL3KVR	X28 V02	831 603	2033 1672	153	311049 245784
DL - Ger DL1ARJ DL3KVR DL6IAK	X28 V02 A36	831 603 498	2033 1672 1317	153 147 148	311049 245784 194916
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ	X28 V02 A36 X23	831 603 498 459	2033 1672 1317 1065	153 147 148 85	311049 245784 194916 90525
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX	X28 V02 A36 X23 W23	831 603 498 459 284	2033 1672 1317 1065 723	153 147 148 85 93	311049 245784 194916 90525 67239
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO	X28 V02 A36 X23 W23 Z25	831 603 498 459 284 212	2033 1672 1317 1065 723 504	153 147 148 85 93 84	311049 245784 194916 90525 67239 42336
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG	X28 V02 A36 X23 W23 Z25 E38	831 603 498 459 284 212 228	2033 1672 1317 1065 723 504 650	153 147 148 85 93 84 64	311049 245784 194916 90525 67239 42336 41600
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK	X28 V02 A36 X23 W23 Z25 E38 X31	831 603 498 459 284 212 228 182	2033 1672 1317 1065 723 504 650 466	153 147 148 85 93 84 64 77	311049 245784 194916 90525 67239 42336 41600 35882
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX	X28 V02 A36 X23 W23 Z25 E38 X31 O16	831 603 498 459 284 212 228 182 125	2033 1672 1317 1065 723 504 650 466 410	153 147 148 85 93 84 64 77 75	311049 245784 194916 90525 67239 42336 41600 35882 30750
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK	X28 V02 A36 X23 W23 Z25 E38 X31	831 603 498 459 284 212 228 182	2033 1672 1317 1065 723 504 650 466	153 147 148 85 93 84 64 77	311049 245784 194916 90525 67239 42336 41600 35882
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX	X28 V02 A36 X23 W23 Z25 E38 X31 O16	831 603 498 459 284 212 228 182 125	2033 1672 1317 1065 723 504 650 466 410	153 147 148 85 93 84 64 77 75	311049 245784 194916 90525 67239 42336 41600 35882 30750
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08	831 603 498 459 284 212 228 182 125 127	2033 1672 1317 1065 723 504 650 466 410 369	153 147 148 85 93 84 64 77 75 76	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL4HG DL4AWK DF1DX DG8VE DL7FBG	x28 V02 A36 x23 W23 Z25 E38 X31 O16 Q08 V11	831 603 498 459 284 212 228 182 125 127 194 114	2033 1672 1317 1065 723 504 650 466 410 369 406	153 147 148 85 93 84 64 77 75 76 63	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU	x28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12	 831 603 498 459 284 212 228 182 125 127 194 114 157 	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343	153 147 148 85 93 84 64 77 75 76 63 69 64	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AKJ DL1HTX DB6FO DL4HG DL3AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW	x28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29	831 603 498 459 284 212 228 182 125 127 194 114 157 114	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289	153 147 148 85 93 84 64 77 75 76 63 69 64 56	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AKJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS	X28 V02 A36 X23 V23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06	831 603 498 459 284 212 228 182 125 127 194 114 157 114 111	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI	X28 V02 A36 X23 V23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03	831 603 498 459 284 212 228 182 125 127 194 114 157 114 111 119	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85	 831 603 498 459 284 212 228 182 125 127 194 114 157 114 111 119 133 	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22	831 603 498 284 212 228 182 125 127 194 114 111 119 133 92	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL3AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24	831 603 498 459 284 212 228 182 125 127 194 114 157 114 111 119 133 92 75	2033 1672 1317 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22	831 603 498 284 212 228 182 125 127 194 114 111 119 133 92	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL4HG DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL9CL DL9CL DL9CL DL9CL	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24	831 603 498 459 284 212 228 182 125 127 194 114 157 114 111 119 133 92 75	2033 1672 1317 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL DJ3GE	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70	2033 1672 1317 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550
DL - Ger DL1ARJ DL3KVR DL6AKJ DL6AKJ DL6AWJ DL4HG DL4HG DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL9GTI DL4EAX DF3OL DF3OL DF3OL DJ3GE DL4FDI	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08 V11 Q08 V11 Q08 O12 B29 X06 V03 Z829 X06 V03 Z822 H24 G25 Z54 H03	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70 79 63	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550 8360 5452
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL3GE DL4FDI DL4FDI DL6ABB DJ5QK	X28 V02 A36 X23 W23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70 79 63 87	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550 8360 5452 4860
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL9GTI DL9GTI DL5CL DL4EAX DF30L DJ3GE DL4FDI DL6ABB DJ5QK DF7LS	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 V11 Q08 V11 Q08 V11 Q08 C129 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09	831 603 498 459 284 212 228 182 125 127 194 157 114 111 119 133 92 75 70 79 63 87 42	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8360 5452 4860 2775
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DC8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03	831 603 498 284 212 228 182 125 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78	153 147 148 85 93 84 64 77 75 76 63 69 64 51 38 52 41 455 442 29 27 25 13	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550 8360 5452 4860 2775 1014
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16	831 603 498 459 284 212 228 182 125 127 194 157 114 111 119 133 92 75 70 79 63 87 42 41 18	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550 8360 5452 4860 2775 1014 952
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK4CU DL1LAW DL8MES DL9GTI DL5CL DL4EAX DF3OL DL9GTI DL5CL DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN	X28 V02 A36 X23 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16 H24	831 603 498 459 284 212 228 182 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16	831 603 498 459 284 212 228 182 125 127 194 157 114 111 119 133 92 75 70 79 63 87 42 41 18	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 11856 10920 9266 8550 8360 5452 4860 2775 1014 952
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK4CU DL1LAW DL4EAX DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL4EAX DF3OL DL4FDI DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN	X28 V02 A36 X23 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16 H24	831 603 498 459 284 212 228 182 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK4CU DL1LAW DL4EAX DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN	X28 V02 A36 X23 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16 H24	831 603 498 459 284 212 228 182 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6AKJ DL6AKJ DL6AKJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL1LAW DL9GTI DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN DJ6TK	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M03 Y16 H24 M03	831 603 498 459 284 212 228 182 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AKJ DL6AKJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF30L DL3GE DL4FDI DL6ABB DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN DJ6TK EA - Spai	x28 V02 A36 x23 W23 Z25 E38 X31 Q08 V11 Q08 V11 Q08 V11 Q08 V12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M03 Y16 H24 M03	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70 79 63 87 42 41 18 22 17	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56 31	153 147 148 85 93 84 64 77 75 63 69 64 56 44 51 38 52 41 45 429 27 25 13 17 14 9	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6AKJ DL6AKJ DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL3RNN DJ6TK	X28 V02 A36 X23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M03 Y16 H24 M03	831 603 498 459 284 212 228 182 127 194 114 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DL4FDI DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL9GTI DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN DJ6TK EA - Spai EA3FF	x28 V02 A36 x23 V23 Z25 E38 X31 O16 Q08 V11 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 X06 V03 Z85 R22 H24 G25 4 H03 A06 M09 M03 Y16 H24 M03 Y16 H24 M03	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70 79 63 87 42 41 18 22 17	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56 31	153 147 148 85 93 84 64 77 75 63 69 64 56 44 51 38 52 41 45 429 27 25 13 17 14 9	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3RVR DL6IAK DL6AWJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DK4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3EVA DL1RNN DJ6TK EA - Spai EA3FF F - France	x28 V02 A36 x23 W23 Z25 E38 X31 O16 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 Z54 H03 A06 M09 M03 Y16 H24 M03 Y16 H24 M03	831 603 498 228 122 228 182 125 127 194 157 114 111 119 133 92 75 70 79 63 87 42 41 18 22 17	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56 31	153 147 148 85 93 84 64 77 75 76 63 69 64 56 44 51 38 52 41 45 44 29 27 25 13 17 14 9	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784
DL - Ger DL1ARJ DL3KVR DL6IAK DL6AKJ DL1HTX DB6FO DL4HG DL8AWK DF1DX DG8VE DL7FBG DK5VD DL4FG DL7FBG DK5VD DL4CU DL1LAW DL8MBS DL9GTI DL5CL DL4EAX DF3OL DJ3GE DL4FDI DL6ABB DJ5QK DF7LS DC1GN DL3BVA DL1RNN DJ6TK EA - Spai EA3FF	x28 V02 A36 x23 V23 Z25 E38 X31 O16 Q08 V11 Q08 V11 Q08 O12 B29 X06 V03 Z85 R22 H24 G25 X06 V03 Z85 R22 H24 G25 4 H03 A06 M09 M03 Y16 H24 M03 Y16 H24 M03	831 603 498 459 284 212 228 182 125 127 194 114 157 114 119 133 92 75 70 79 63 87 42 41 18 22 17	2033 1672 1317 1065 723 504 650 466 410 369 406 350 343 289 320 246 312 210 226 190 190 188 180 111 78 56 56 31	153 147 148 85 93 84 64 77 75 63 69 64 56 44 51 38 52 41 45 429 27 25 13 17 14 9	311049 245784 194916 90525 67239 42336 41600 35882 30750 28044 25578 24150 21952 16184 14080 12546 10920 9266 8550 8360 5452 4860 2775 1014 952 784

G - Engla	and			
G3VGR	302	894	63	56322
G4DBW	178	507	46	23322
G4FDC	92	270	41	11070
G6CSY	47	135	29	3915

HB9 - Switzerland HB9AYZ 51 138 23 3174 HB9QA 40 108 23 2484

IIDJQA	10	100	25	2101
I - Italy				
IZIANK	219	516	55	28380
IZ1DGG	25	66	18	1188

K - USA				
K3TW	120	360 111	46	16560
AE 3A	38	111	40 16	1776
LA - Norw	ay 185			
LA3ZA	185	543	77	41811
LY - Lith				
LY3BY			53	26712
BISDI	170	501	55	20712
LZ - Bulg	aria			
LZ2LE	154	438	59	25842
LZ7H	163	441	54	23814
LZ1MG	150	402	45	18090
OE - Aust				
OE8NTK	256	744	78	58032
OH - Finla	and			
OH - FINIS		369	58	21402
OH2LNH	58	168	20	3360
OH6NPV		108	17	1836
OK - Czec				
OK2BWJ	236	693	59	40887
OL4W	226	669	48	32112
OK5TFC OK1CZ	194	576	45	25920
OK1CZ	33	99	22	2178
PA - Neth		4.4		
			17	1173
PE2KP PG2AA	16	48	12	576
1 02121	10	10		570
RA-AS - A	siati	c Russ	ia	
RA9SO	109	324	61	19764
UA9SAW	60	177 78	32	5664
RK9DO	32	78	14	1092
RA-AS - A RA9SO UA9SAW RK9DO				1092
RA-EU - E	urope	an Rus	sia	
RA-EU - E UA4FER	uropea 413	an Rus 1227	sia 86	105522
RA-EU - E UA4FER UA6LCJ	urope 413 290	an Rus 1227 861	sia 86 91	105522 78351
RA-EU - E UA4FER UA6LCJ RW3AT	urope 413 290 222	an Rus 1227 861 651	86 86 91 58	105522 78351 37758
RA-EU - E UA4FER UA6LCJ	urope 413 290 222 130	an Rus 1227 861	85 ia 86 91 58 49	105522 78351 37758
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK	urope 413 290 222	an Rus 1227 861 651 378	86 86 91 58	105522 78351 37758 18522
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK	413 290 222 130 111	an Rus 1227 861 651 378	85ia 86 91 58 49 51	105522 78351 37758 18522
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swed SM6CRM	413 290 222 130 111 en 200	an Rus 1227 861 651 378 324 591	ssia 86 91 58 49 51 78	105522 78351 37758 18522 16524 46098
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swed	413 290 222 130 111 en 200	an Rus 1227 861 651 378 324 591	ssia 86 91 58 49 51 78	105522 78351 37758 18522 16524 46098
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swed SM6CRM SM5EFX	413 290 222 130 111 en 200 52	an Rus 1227 861 651 378 324 591	ssia 86 91 58 49 51 78	105522 78351 37758 18522 16524 46098
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swed SM6CRM SM5EFX SP - Pola:	413 290 222 130 111 en 200 52 nd	an Rus 1227 861 651 378 324 591 156	ssia 86 91 58 49 51 78 23	105522 78351 37758 18522 16524 46098 3588
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swed SM6CRM SM5EFX SP - Pola: SP4GFG	413 290 222 130 111 en 200 52 nd 237	an Rus 1227 861 651 378 324 591 156 711	sia 86 91 58 49 51 78 23 68	105522 78351 37758 18522 16524 46098 3588 48348
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Pola: SP4GFG SP2DNI	413 290 222 130 111 en 200 52 nd 237 183	an Rus 1227 861 651 378 324 591 156 711 540	ssia 86 91 58 49 51 78 23 68 48	105522 78351 37758 18522 16524 46098 3588 48348 25920
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ	413 290 222 130 111 en 200 52 nd 237 183 65	an Rus 1227 861 651 378 324 591 156 711 540 171	ssia 86 91 58 49 51 78 23 68 48 30	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Pola: SP4GFG SP2DNI	413 290 222 130 111 en 200 52 nd 237 183 65	an Rus 1227 861 651 378 324 591 156 711 540 171	ssia 86 91 58 49 51 78 23 68 48 30	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM6CRM SM5EFX SP - Pola SP4GFG SP2DNI SP9FWQ SP6LV	413 290 222 130 111 en 200 52 nd 237 183 65	an Rus 1227 861 651 378 324 591 156 711 540	ssia 86 91 58 49 51 78 23 68 48	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Pola SP4GFG SP2DNI SP9FWQ SP6LV	413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93	86 91 58 49 51 78 23 68 48 30 19 15	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM6CRM SM5EFX SP - Pola: SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN	413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce	an Rus 1227 861 651 378 324 591 156 711 540 171	86 91 58 49 51 78 23 68 48 30 19 15	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB	413 290 222 130 111 200 52 nd 237 183 65 35 31 ce 42	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93	86 91 58 49 51 78 23 68 48 30 19 15	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Pola SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Gree SV1JSB UR - Ukra	uropea 413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 ine	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120	86 91 58 49 51 78 78 23 68 48 30 19 15 27	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Pola SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Gree SV1JSB UR - Ukra	uropea 413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 42 ine 147	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120	86 91 58 49 51 78 78 23 68 48 30 19 15 27	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Gree SV1JSB UR - Ukra UX3IB UX8IXX	uropea 413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 42 ine 147 60	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381	86 91 58 49 51 78 78 23 68 48 30 19 15 27	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB UR - Ukra UX3IB UX8IXX VU - Indit	413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 ine 147 60 a	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381 123	sia 86 91 58 49 51 78 23 68 48 30 19 15 27 56 21 566 21 2	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Gree SV1JSB UR - Ukra UX3IB UX8IXX	413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 ine 147 60 a	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120	sia 86 91 58 49 51 78 23 68 48 30 19 15 27 56 21 566 21 2	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB UR - Ukra UX3IB UX8IXX VU - Indi.	413 290 222 130 111 en 200 52 nd 237 183 65 35 31 ce 42 ine 147 60 a 24	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381 123	sia 86 91 58 49 51 78 23 68 48 30 19 15 27 56 21 566 21 2	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB UR - Ukra UX3IB UX8IXX VU - Indi VU2UR	uropes 413 290 222 130 111 en 200 52 nd 237 183 65 31 ce 42 ine 147 60 a 24 nia 196	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381 123 60 546	Bit Bit 86 91 58 49 51 78 78 23 68 48 30 19 15 27 56 21 13 69	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583 780 37674
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB UR - Ukra UX3IB UX8IXX VU - Indit VU2UR	uropes 413 290 222 130 111 en 200 52 nd 237 183 65 31 ce 42 ine 147 60 a 24 nia 196	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381 123 60 546	Bit Bit 86 91 58 49 51 78 78 23 68 48 30 19 15 27 56 21 13 69	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583 780 37674
RA-EU - E UA4FER UA6LCJ RW3AI RV3DBK UA1CUR SM - Swedd SM6CRM SM5EFX SP - Polat SP4GFG SP2DNI SP9FWQ SP6LV SP3JUN SV - Greet SV1JSB UR - Ukra UX3IB UX8IXX VU - Indi VU2UR	uropes 413 290 222 130 111 en 200 52 nd 237 183 65 31 ce 42 ine 147 60 a 24 nia 196	an Rus 1227 861 651 378 324 591 156 711 540 171 105 93 120 381 123 60 546	Bit Bit 86 91 58 49 51 78 78 23 68 48 30 19 15 27 56 21 13 69	105522 78351 37758 18522 16524 46098 3588 48348 25920 5130 1995 1395 3240 21336 2583 780 37674

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Multi Operators

СТЗ - Ма	adeira	1			
CT9L		819	2346	89	208794
DI Co					
DL - Gen DO4W	rmany Z06	1913	5941	363	2156583
DL1WA	X28	1919	6003	311	1866933
DM1A	M05	1951	5920	294	1740480
DP9A	¥37	1917	5434	310	1684540
DLOXM	S41	1506	4531	297	1345707
DQ4T	F27	1629	4700	281	1320700
DD5A DM7A	V10 S07	1582 1404	4795 3920	239	1146005 964320
DM7A DL0KC	B21	1242	3620	246 238	964320 861560
DR6J	X22	1251	3602	236	850072
DLOGL	L03	1258	3917	200	783400
DR7T	E03	1357	3563	217	773171
DF5A	V11	1127	3274	223	730102
DF0SX	P51	1174	3289	209	687401
DA0CCC DL0MBG	D23 X16	1192 1095	3229 3288	202 194	652258 637872
DECMBG	H32	1093	3181	195	620295
DK2A	B13	1125	3011	188	566068
DKOWK	X36	1094	2966	181	536846
DK5A	X33	893	2487	190	472530
DLOVV	V07	1020	2658	164	435912
DLOSM	B14	885	2429	173	420217
DQ1V DL0KB	V19	839 753	2109	164	345876 301950
DLOKB DR5S	A01 010	753	1830 1923	165 155	298065
DFORW	Q10 R17	674	1591	160	254560
DL0BLG	A52	693	1671	143	238953
DP8P	G54	665	1621	137	222077
DKOED	C25	544	1531	133	203623
DM3B	Y14	579	1443	130	187590
DL0HOF	B09	731	1521	114	173394
DL4A DL0C	P55 Y13	536 436	1307 1176	106 117	138542 137592
DAOCA	N41	462	1642	83	136286
DFORM	C15	601	1148	114	130872
DK1F	L11	377	904	105	94920
DLOLSW	Y28	262	768	102	78336
DLOERZ	S14	339	801	75	60075
DLOVX	N49	202	487	79	38473
DL0DG DN4SB	L02 R33	258 70	444 180	55 41	24420 7380
DL0HFC	HFC	19	49	41 14	686
220111 0			10		000
ES - Est	tonia				
ES1A		840	2445	121	295845
HI - DOI	minica	n Rep	ublic		
DL2AQI/H				59	37524
~ `					
LA - Nor	rway				
LA3ANA		1268	3708	125	463500
T.7 D.	1				
LZ - Bu LZ4UU	Igaria		1707	100	170700
100		500	1707	100	110100
OK - Cze	ech Re	epubli	c		
OK8DF		689	1944	81	157464
RA2 - Ka	alinir	-			
RK2FXG		203	570	61	34770
RA-AS -	Aniet	ia Pr	aaia		
RA-AS - RL9AA	ASIA		1038	84	87192
rlyaa RK9CYA		46		28	
RA-EU -	Europ	ean R	ussia		
RF3A		1024			
RK3MWD		888			257088
RK3DXZ		843	2388		
RK4HYT RK3AWK		258 190	720 543		
RK3AWK RK3YWT		190	543 486		
SP - Po	land				
SP9KRT		359	1002		69138
SP9PZU		264	735	69	
SPERCM		51	147	20	2940

DH5ABC;

DL9NDW; DL0KB

UR - Ukrai					
UR4EYN	73	216	40	8640	
UR7IYI	118	273	24	6552	
UR4PWC	42	120	30	3600	
YB - Indor	nesia				
YE1ZAT	85	243	29	7047	
YL - Latvi	а				
		1395	94	131130	
TTTVN	502	1393	94	131130	
GUT					
SWL					
DL - Germa	iny				
DE2ZSA	340	799	97	77503	
DEOHCS	224	498	91	45318	
DH2URF	158	474	44	20856	
DE 3MKM	85		27	2295	
DE2SAT	7		7	49	
2220111			,		
LY - Lithu	ania				
		1.65	~ ~	10000	
LY4B	146	105	66	10890	
OK - Czech					
OK1-11861	182	546	56	30576	
ON - Belgi	um				
ONL 4638	381	380	90	34200	
ONL 383	17	51			
		Durada			
RA-EU - Eu					
R3A-847	551	1159	110	127490	
SP - Polar	nd				
SP3-1058	620	620	97	60140	
SP-0142-JG	3 270	266	64	17024	
UR - Ukrai	ne				
US-Q-2115		45	22	990	
03-Q-2113	/	40	22	990	
THE December					
VK - Austr					
VK5-398738	3 46	46	36	1656	
Check Log	S				
DC3HB, I DK4WF, I DL1DXF,	DG1BQC	, DH	2PL,	DH5N	ſΜ,
DK4WF,	DK7NKR	, DL	OHAN	I, DL1AT	rr,
	DL1KUF	R, DI	lrw:	S, DL2DF	RΖ,
DLIDXF,			T.4CF	.440	
DL3SEM,	DL3TD), D			ΝI,
DL3SEM,	DL3TD), D	6001	I. DLGUA	ΝI,
DL3SEM,	DL3TD), D	6DQV	V, DL6UZ	ΝI,
DL3SEM,	DL3TD), D	6DQV 17VM	, DL6UA M, DL6UA M, DL9CI	ΝI,
DL3SEM,	DL3TD), D	6DQV 7VM , K	, DLIN N, DL6UA M, DL9CI 9GY, OK5C	ΝI,
DL3SEM, DL5MG, DL6UOF, DM7DX, G(PA3AFF,	DL3TD DL5MHR DL6YRM DIVZ, RA2FI <i>B</i>	0, D , DL 4, DI G3WKS A, R2	6DQV 770 , K9 43XD	N, DL6UA M, DL9C1 9GY, OK50 X, RA6YI	VI, AM, IA, DK, DX,
DL3SEM, DL5MG, DL6UOF, DM7DX, G(PA3AFF,	DL3TD DL5MHR DL6YRM DIVZ, RA2FI <i>B</i>	0, D , DL 4, DI G3WKS A, R2	6DQV 770 , K9 43XD	N, DL6UA M, DL9C1 9GY, OK50 X, RA6YI	VI, AM, IA, DK, DX,
DL3SEM, DL5MG, 1 DL6UOF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S	DL3TD DL5MHR DL6YRN DIVZ, RA2FI (9AX, 1 SP1DMD,	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP	6DQV 57VM , K9 43XD 5, R 1GZT	N, DL6UA M, DL9C1 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS	NI, AM, IA, DK, DX, 5W, SN,
DL3SEM, DL5MG, 1 DL6UOF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S	DL3TD DL5MHR DL6YRN DIVZ, RA2FI (9AX, 1 SP1DMD,	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP	6DQV 57VM , K9 43XD 5, R 1GZT	N, DL6UA M, DL9C1 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS	NI, AM, IA, DK, DX, 5W, SN,
DL3SEM, DL5MG, DL6UOF, DM7DX, G(PA3AFF,	DL3TD DL5MHR DL6YRN DIVZ, RA2FI (9AX, 1 SP1DMD,	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP	6DQV 57VM , K9 43XD 5, R 1GZT	N, DL6UA M, DL9C1 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS	NI, AM, IA, DK, DX, 5W, SN,
DL3SEM, DL5MG, DL6UOF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D P1DMD, TA9QQ, Z1AU,	0, D , DL 4, DI G3WKS A, R4 RW9HZZ SP YL3FT Z35G	6DQV .7VM , K9 .3XD .3XD . R 1GZT , YO	M, DL6UA M, DL9C1 9GY, OK5C X, RA6YI W9RF, SA6 C, SP3A5 4MM, YO51	VI, AM, DA, DK, DX, SW, SN, IR,
DL3SEM, DL5MG, DL6UOF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D P1DMD, TA9QQ, Z1AU,	0, D , DL 4, DI G3WKS A, R4 RW9HZZ SP YL3FT Z35G	6DQV .7VM , K9 .3XD .3XD . R 1GZT , YO	M, DL6UA M, DL9C1 9GY, OK5C X, RA6YI W9RF, SA6 C, SP3A5 4MM, YO51	VI, AM, DA, DK, DX, SW, SN, IR,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, I P1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K9 A3XD , R 1GZT , YC Sta	M, DL6UZ M, DL9CI 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, DK, DK, DX, SN, IR,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,
DL3SEM, DL5MG, DL5UGF, DM7DX, G(PA3AFF, RK6MY, RK SN4L, S UA3DEE, U YO7KYA, Y OP of Mul	DL3TD DL5MHR DL6YRN DIVZ, RA2FIA C9AX, D EP1DMD, TA9QQ, Z1AU, ti Ope	0, D , DL 4, DI G3WKS A, RA RW9HZZ SP YL3FT Z35G rator	6DQV 7VMI , K 33XD ; R 1GZT , YC Sta	M, DL6UZ M, DL9CJ 9GY, OK5C X, RA6YI W9RF, SA6 7, SP3AS 4MM, YO5J	VI, AM, EA, DK, DK, DX, SW, SN, ER,

DL5AZZ, DLINUA, DKJKNA, DLOLC DK7DR, DF2GN, DJ7PM; DL0C - DL4SL, DL6UXL, DL8UKE; DL0DG - DG5YHZ, DL1EIC; DL0ERZ -DL2DRM, DJ5AA,

DLOGL - DK3OZ,

DL3QQ, DL4YR; DL0HFC -DG3BAR, SWL ELMAR; DL0HOF - DL2GX, DL8NBO,

- DJ7GS,

DL2GBB; DL0KC - DG7RO, DL2YL,
DL2GBB; DL0KC - DG7RO, DL2YL, DL4NER, DL5NDX; DL0LSW - DM3ZF,
DG6MIK; DL0MBG - DG5AA, DL8AKA,
DG6MIK; DL0MBG - DG5AA, DL8AKA, DL5AOL, DL1AOQ, DL1AOB, DL8AUA, DO5UWE, DL8ALU; DL0SM - DG3NEC,
DO5UWE, DL8ALU; DL0SM - DG3NEC,
DJ2OV, DM3PKK; DL0VV - DL5CC,
DL6KWN, DL4KWA, DL5CO; DL0VX -
DF6VU, DL4YBR; DL0XM - DG0LFG,
DL6KWN, DL4KWA, DL5CO; DL0VX - DF6VU, DL4YBR; DL0XM - DG0LFG, DH3WW, DL1LRM, DL3XM, DL4LQM, DL5LYM, DL7URH, DL8WBB; DL1WA -
DL5LYM, DL7URH, DL8WBB; DL1WA -
DL4WA, DH1DX, DL2ARD, DG0OKW,
DL1WA; DL4A - DL4MP, DG1SFJ, DJ8KI,
DL7ASL, DG2SBT, DL4ML; DM1A -
DK1MM, DK1NO, DJ5MW; DM3B - DD9DAG,
DK80M DI.1BWII DI.2BWO DI.5.TBW
DK80M, DL1BWU, DL2BWO, DL5JBW, DL7UDL, DL7VAF, DL7VRS, DM7VPM,
DOLTON, DETVAR, DETVICS, DETVICE,
DO2JBK; DN4SB - DG1EA, Fabian, Felix; DP8P - DB1KU, DF8SP, DJ5KP,
DJ8RR, DK7KR, DL6KAC, DO1DRN; DP9A
DOORR, DRAR, DLORAC, DOIDRN, DP9A
- DG1HWM, DJ7TO, DK4WA, DL5YYM, DL8DYL, DL9DRA; DQ1V - DH0BRO,
DL8DYL, DL9DRA, DQIV - DH0BRO,
DL1SWT, DL4ZZ; DQ4T - DF7ZS, DC8QT,
DC8SG, DF7EME, DK9VZ; DQ4W - DK4YJ,
DK9TN, DL1MGB, DL6RAI; DR5C -
DO5FL, DL2NC, DL7ZZ; DR5S - DK7VW,
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ,
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY,
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36;
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HTT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HTT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR,
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ES1A - ES1GE, ES1GF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR,
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ESIA - ESIGE, ESIGF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR, SQ9ZM, SP9-29020; UR4EYN - UR4EN, UR7EU; UR7IYI - Dima, Roman; UR4PWC
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ESIA - ESIGE, ESIGF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR, SQ9ZM, SP9-29020; UR4EYN - UR4EN, UR7EU; UR7IYI - Dima, Roman; UR4PWC
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ESIA - ESIGE, ESIGF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR, SQ9ZM, SP9-29020; UR4EYN - UR4EN, UR7EU; UR7IYI - Dima, Roman; UR4PWC - US-P-296, US-P-361; YE1ZAT -
DL7CS, DL8GT; DR6J - DF5AU, DL5AVJ, DL6ATM, DL9NDV, DJ9AO; DR7T - DL8HCO, DJ9RR, DL1HCM, DK7LKW; ESIA - ESIGE, ESIGF; DL2AQI/HI9 - DK8YY, DL4JS, DL2AQI, DL8AKI; LA3ANA - LA3ANA, DL2OE, DL8CMM; LZ4UU - LZ4UU, LZ2-002, LZ2-003; OK8DF - DL2HWI, DL9UJF, OK2PAE; RK9CYA - Dan, Toly, Pit; RF3A - RK3AW, RK3FT; RK3DXZ - RV3FD, RX3FS, RZ3FQ; RK3MWD - RW3MR, UA3MQH; RK4HYT - RA4HBS, R4H-33, R4H-36; RK3AWK - RU3BH, RZ3AFH; RK3YWT - UA3YCC, UA3YFA, RW3YW; SP9KRT - SP9ADU, SP3PL; SP9PZU - SP9WR, SQ9ZM, SP9-29020; UR4EYN - UR4EN, UR7EU; UR7IYI - Dima, Roman; UR4PWC

Soapbox

DL2VB,

DK6MB,

DJ6BQ Very nice contest! TNX and hope cuagn in 2007! 73! DJ6BQ ex UN7RX...DK5A Bad condx on the lowbands made CQing on 40m an 80m in the night lonely. Also on the higher bands DX was rare. But the good conds on 10m made us again happy, so we could collect some multis there. We hope to break the 1000 QSO barrier next EA6/DL5DSM Tnx for the nice Contest, was a great pleasure to take part from this area. Happy abt the fb condx on 10 and 15m this weekend. Helmut ISOXDA First time for WAG. Operate with a simple dipole for 40 meters with a old vertical key ! 73' Gianni

Worked All Germany Contest 2006 – A summary by Klaus Voigt DL1DTL

The WAG Contest 2006 is history now, congratulations to the winners. Third time is a charm: the 46th edition of this October contest was the third in a row with more than 1000 logs submitted. With 1056 logs sent in from 78 countries this means an increase by 40 logs and 9 countries in comparison to the preceding year. And the fan community of the WAG Contest is growing continously in DL and abroad. Until now many stations participated in the WAG all in all from 122 different countries.



QSL from WAG Operator Peter, DK6PW

In 2004 we started accepting E-Mail uploads to the log robot which has been used 135 times this year, about 20% less than in 2005. We received only 67 paper logs with 15% of them typed into a computer but sent in on paper. All official requests by the WAG committee for submitting an electronic logs were ignored. The number of people using this "nostalgic" form is luckily decreasing. The log checker has only additional work with this logs because they have to be typed into the computer once again. There are many people not wanting to have a computer in the shack, but if you have one and use it and still submit paper logs you should start thinking about Ham Spirit. And if you really do not own one, in most cases a friend or the next OM in your neighbourhood can put the logs into the computer or give you the appropriate support.

How was the contest running?

Wolfram, DL1RXA (sk), the "solar specialist" analyzed the contest weekend like this: "On October 19 the geoefficiency of a coronal hole initiated very good condx during its positive phase also on Oct 21 and 22. While the conditions on the high bands were better on Oct 21 (in comparison to the following day) it was exactly the other way round on the lowbands... The propagations from North to South were excellent on Oct 21st including openings on 10m to ZS6, CS3 etc. They were supported by enormous Sporadic-E which reached untypical maxima for this time of the year at both days. Even the far East-West path shone forth on 20m contrary to the paths over the higher latitudes where the coronal hole

had negative influences even on German signals which were shaken by local aurora. A little faster solar wind and the beneficial conditions would have burst like a bubble." Incidentally the WAG Contest usually has very good propagation conditions during this part of the year. The QSO numbers on the high bands especially on 10m confirm the statement of Wolfram imposingly. Of course the contest participants had very different opinions.

Matthias, DJ8OG, who was operating from the station of DJ6QT on Madeira wrote: "Unfortunately the condx were much worse than last year ... " but improved his score. DG8VE states: "Worse condx than last year but I achieved almost the same score with less QSOs" (with 5 watts and two 6m wires). DK0WK had a more positive outcome: "More points than in 2005, must have to do with the better condx on the high bands, ufb condx for DL on 10m." The operators of DL0DBR are very confident: "Difficult condx on the high bands, but who cares... We are approaching a new solar cycle maximum, hi."



OK1DOL - WAG contest 2006 SO AB LP -550 QSOs 145,200 points

Outside of Germany the situation was very difficult as well. DL5DSM from EA6: "Tnx for the nice contest, was a great pleasure to take part from this area. Happy abt the fb condx on 10m and 15m this weekend." VU3DJQ signed AT0D and wrote: "No good conditions on the first day ... " and EI4CF stated: "10m was amazing on morning". Finn (OZ1HET) Sunday operating from the station HS0AC judged "Fair CDX on 15m and 20 mtr". Manfred, HZ1IK, encountered problems as well: "Unfortunately the 10m band was totally dead, 15m was very poor and 80m is not allowed in HZ." Sascha, DD1IM, became very frustrated when he realized that sometimes conditions are only good in one direction: "But I was vy astonished that mni stns called me where I couldn't copy the call and/or the number. Sri for that, dr ops. I was rather used vice versa: I often call S9 plus stns, who didn't hear me, really don't know ... "



Lutz, DL5KUA, operating DL5A with "handmade" CW

Whatever the propagations were. antennas and equipment play an important role as well. Mike, 5H3EE, had "no power for many hours in the beginning of the contest and a lot of local noise on the lowbands." But he remarks also: "With 100 watts and a dipole I must have been very weak. Thanks to all those who 'digged' me out nonetheless." The crew of DA0CA had "a nice contest from the station of DL0GK in Gelsenkirchen. Unfortunately the 40m/80m antennas were not up and ready because they were scheduled for the CQWW. We will attack with full force again next year!" Yes, the WAG is the ideal contest to test your setup for the upcoming CQWW contests. And like every year Murphy was around this time visiting DF1LON who realized: "Around 2000 UTC I wanted to switch 40m but the FD4 had an infinite SWR. So no 80m and 40m at all. Instead I started very well rested into the sunday morning ;-)". Fair enough this had at least something good in it. But it was also a very tough job if you think of the 80m and 40m QSO percentage of the Top Guns. Difficult conditions suffered DK5IM also: "First contest at the new QTH with an antenna on the balcony and fair Condx". DL3BBY had a poor antenna system as well, but it still works: "Hello, it is very difficult to be heard with a magnetic loop on the balcony but the score is better than last year." The team of DL0SM writes: "For the first time we participated in the multi OP category and we are quite satisfied with our score. Joy was our primary goal and the conditions were fair. The antennas have to be improved and we will be back next awesome WAG vear. An contest **DL3AMA** weekend." prepared his equipment very well and stated: "A wonderful contest with 24 hours stress but I love to be on the other side of the pileup. Several new antennas and equipment paid off. The condx (for a sunspot minimum) were good enough for 1371 QSOs and 220 multipliers."

But new antennas can be tricky as well. DL3DTH moaned: "Unfortunately the new Optibeam (OB9-5) did not arrive in time for the contest so I had to stick to the R7 and the dipole." DL3YEE was a bit more lucky: "The WAG was my first real HF contest and ideal to test the new 3ele yagi. It was much fun." The team of DR5S was also very busy: "The first contest of the newly found 'Contest Group Nordsaar' with two fresh licensed newcomers (DL7CS, DL8GT - 20 and 23 years old). Murphy was with us: The FB-73 had a loose contact and even Christian, DL7CS, who spent three hours on the mast could not solve the problem. The 80/40m vertical was flooded during torrential rains but at least it worked a little bit on 80m. We learned a lot but we are very satisfied with our first participation and we will do better next time." Good times and bad are not so far apart from each other sometimes.



Contest QTH from OK8DF - a formerly winegrowing area

Naturally computers and logging software conceal some problems also. DJ1AA wanted to try SD for the first time and down a whole wrote page of improvements after the contest. Contest participants from abroad commended the program and the submitted log files unanimously. IT9RZU wrote: "I used the SD logging program, it is very great and simple to use!" DJ4EY reported problems with DP stations in the Arcomm log. Other programs recommended by many people are UCXLog, WINTEST, RCKLog, N1MM and HAM-WAG. In any case, if you like to avoid having problems with the software you have to download the latest software version which is (in some cases) published only hours before the contest starts. But having HF on the attached hardware is not a local problem. A few starters report some anomalies during logging. The author had to reset his computer every 50 minutes because Windows98 is not willing to run for a longer period of time anymore. However, now he has got a new harddisk.

But during the WAG there were also other effects with an impact on a smooth contest operation. DC3HB writes: "Unfortunately the WAG takes place at the same time like the JARTS RTTY Contest" or DR3R: "Many thanks to all stations who called me, it was much fun! The RTTY activities splattered down to 7025 kHz of the packed 40m band. The 40m portion should be extended for next year and UCX-Log is excellent!" Usually RTTY does not collide with other modes. The situation on the 40m band is a little bit more challenging due to the small band itself. Last not least there is also the 'Jamboree on the Air', a worldwide activity of HAMs in scout organizations, on the same weekend.

Prior to the WAG some amateurs were trying to change the WAG Contest favouring the scout organizations. They demanded to "abolish" the contest, move it to another date and even "no SSB" calls were heard. The contest organizers were willing to talk but the discussion became more emotional, so a meeting was held at the Ham Radio 2006 with delegates from the scout organizations, the DARC Youth committee and the DX and HF Contest Committee of the DARC as the organizer of the WAG discussing several proposals.

The date of the WAG Contest is coordinated within the IARU Region 1 so moving it to another weekend is not possible. The same applies if you want to split the two modes to two weekends. Cancelling the SSB part would run contrary to the international changes if you keep the falling CW barriers on the HF bands in mind. Totally cancelling the whole contest would be an affront to a part of the active and committed amateurs. One solution to reduce possible collisions between contest and JOTA stations was to introduce new contest free band segments. Practically we noticed that a few minor changes have to be made to not exclude some radio amateurs from the contest.



V31HK worked with a Spiderbeam

And how did the contest participants experienced the situation? Two examples: DF5A writes "Equipment was running fine and conditions were ok. Unfortunately we had intensive 'collisions' with several JOTA stations who disturbed us heavily and referred to 'fixed' JOTA QRGs coordinated with the DARC. However we made many QSOs with JOTA stations! See you in the next WAG Contest!" CT9L: "...Where did the scouts stuck to their agreements? Whereever WAG stations were making QSOs the scouts were there as well. It cannot be possible that some rules only apply to one group." It is very sad that some amateurs cannot see the efforts of the representatives of the scouts and the DARC.



Philippe, F1TRE, his equipment in WAG 2006: FT847 - FD4 und GPA 404

The WAG is a good possibility for newcomers to enter the field of contesting or to improve your abilities. DL1DUO states "The many DO stations on 80m were a real surprise and enrichment to the contest. Excellent! Keep it up!" or DL7ACN: "I have trained a little CW during the WAG which was great fun. I hope it was not too slow for the others :-)" DO1UZ wrote that this was his "first contest as a DO station with 50 watts on 80m, 15m and 10m." DO1YCL: "My first HF contest, unfortunately only on 80m and 15m but with great fun. Thanks to all calling stations." DN4SB was operated by two ten year old students guided by an instructor they logged 70 QSOs. and Congratulations!

With 1056 logs from 78 countries the worldwide acceptance of the WAG contest is still increasing. Almost 272.000 QSOs were made and 70,44% of them could be checked electronically with the logs sent in. Though there were 20.000 QSOs less than last year the rate of confirmed QSOs increased by 2,5%. This may be a result of increasing usage of computers and internet with amateur radio. Only a few hours after the contest almost 20% of the logs were received by the log robot. Due to better software the quality of the submitted logs became much better during the past years. Logs in the two main formats (STF and Cabrillo) represent 90% of all logs. However there are still about 5% of HAMs who ignore the contest rules and submit their log in Word, Excel, ADIF, PDF or other file formats. To include these logs as well is always an extra time effort for the log checkers which should be made by the contest participant himself.

This year we found 6842 different callsigns from 149 entities (2005: 115) in the logs including 2700 German calls.

The number of unique callsigns was the same like last year about 2300. 740 stations (370 DLs) took part in the contest more or less (at least 20 QSOs) but submitted no log.This includes stations with more than 600 or 700 QSOs! While the two CW and the QRP categories saw an increasing number of participants the numbers in the mixed and SWL categories are declining. The multi operator participants did not change significantly.



YB0DPO, SOAB-LOW CW What else was noticeable?

A few QSO points had to be deleted because the affected OMs apparently had problems in copying the morse code or spoken words. Instead of working OS5N from Belgium many people logged a Finnish call - OH5N. Or 4N6FZ from Montenegro became the Polish station SN6FZ though Toby was working in German language to avoid a pile-up from other stations. In CW there remains the old question to be answered: Was it a copying error or a transmission error? After connecting computers to amateur radio transceivers the risk of sending bad morse code has been reduced very much. Other problems occur when using power amplifiers which tend to swallow the first bit of a transmission. Very important: Listen carefully and ask again if necessary! In other contests there are additional points deducted from the score for copying errors!

One typical mistake which should not appear anymore with normal computer keyboards is the usage of 'T' instead of the number zero. Many foreign stations where counted as DL which costs valuable QSO points. Another error occurred while logging SK0HS/0 who was operating in phone as "SK0HS portable zero" when many HAMs moved the Swedish station to North Korea and logged SK0HS/P0 -QSO point lost. Multi operator stations like to ask to QSY to another band for a new multiplier. This is totally fine but tough to swallow if the other guy forgets to change the bands in the log. Unfortunately this is a very common mistake.

Using the spots of DX clusters is not forbidden in the WAG Contest since it is not possible to check this reliably. "Self spotting" (spotting yourself in the DX cluster) is not illicit but frowned upon like in all international contests. A query to the main DX clusters after the contest makes it very easy to find out who tries to take advantage in this manner. Only a few participants annoyed others by doing so.



Some of the antennas from the DL0GK station

The usage of special DOKs in the contest played a significant role again with all its consequences. There still are some logging programs which cannot handle DOKs with more than four characters and traditionally they are also causing confusion to some fellows on the bands. There are many participants who recognised that using a special DOK in a contest is not always an advantage but may lose you much time when repeating it again and again. Some even say: "Never again I will use a special DOK in a contest!" The same applies to "exotic" calls: A one-letter-suffix may increase your speed but more than three letters in the suffix or multi-digit numbers are causing trouble for sure!



Multi OP station, DR3R – Operator DL3BWG

Meanwhile there are logging programs (e.g. UCXLog) which log more than the usual four digit DOKs but every contest participant is responsible for himself to look upon his log and correct possible errors after the contest. Since the contest organizer is aware of the problems with the logging software nobody got his QSO deleted when at least the first four digits of the DOK were logged correct.

Altogether we appreciate the outcome of the WAG 2006 very much. The DARC is very happy to welcome so many new HAMs who took part for the first time and incorporated this contest with exaltation like the 289 DO and nine DN stations. Some people believe the WAG Contest is an essential part of the contest scene and use it as a "warm up" for the following two biggest contests during a year. Others test and optimise their setup or simply enjoy meeting German HAMs on the bands. See you in the next Worked All Germany Contest on the weekend of October 20/21, 2007.

(translation: Bob, DL7VOA)

Worked all Germany (WAG) Contest – Suitable Logging Software (Freeware)

Following software is supporting this contest (by manufacturer declaration). If you want to announce your or other logging-software (also for other DARC-contests) or you want to make remarks about the listed software, please mail to Klaus, dl1dtl@dxhf.darc.de or Mathias, dl4mm@dxhf.darc.de .

The **N1MM Logger** is a freeware program designed to do contest logging and some general logging. It is not a general logging program with award tracking etc. but it is mainly a contest logging program. Download: <u>http://pages.cthome.net/n1mm/</u>

LM by DL8WAA is a Post-Contest Editor. Download: <u>http://contestsoftware.com</u>

Writelog Contest Modules by Carsten DL1EFD Download: <u>http://www.dl1efd.de/</u> (only working with commercial Software <u>Writelog</u> by W5XD.

Super Duper by EI5DI

SD V11.04 has been released to fully support both sides of the Worked All Germany (WAG) contest. Download: <u>http://www.ei5di.com</u> Setup information from SD website :

http://www.ei5di.com/sd/setup/wag.html



WAG Diplom

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