



# IARU Region 1 HF Bandplan

Effective 29 march 2009

edited by DK4VW

FREQUENCY SEGMENT (kHz)	MAX BANDWIDTH (Hz)	Preferred Mode and Usage		
135,7 - 137,8	200	CW	CW, QRSS, narrow band digital modes	
1.8 MHz	1810 - 1838	200	CW	1836 kHz - CW QRP Centre of Activity
	1838 - 1840	500	Narrow band modes	
	1840 - 1843	2700	All modes	Digimodes
	1843 - 2000	2700	All modes	
3.5 MHz	3500 - 3510	200	CW	Priority for intercontinental operation
	3510 - 3560	200	CW	CW contest preferred 3555 kHz - CW QRS Centre of Activity
	3560 - 3580	200	CW	3560 kHz - CW QRP Centre of Activity
	3580 - 3590	500	Narrow band modes	Digimodes
	3590 - 3600	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	3600 - 3620	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	3600 - 3650	2700	All modes	SSB contest preferred 3630 kHz - Digital Voice Centre of Activity
	3650 - 3700	2700	All modes	3690 kHz - SSB QRP Centre of Activity
	3700 - 3800	2700	All modes	SSB contest preferred 3735 kHz - Image Centre of Activity 3760 kHz - Region 1 Emergency Centre of Activity
3775 - 3800	2700	All modes	Priority for intercontinental operation	
7 MHz	7000 - 7025	200	CW	CW contest preferred
	7025 - 7040	200	CW	7030 kHz - CW, QRP Centre of Activity
	7040 - 7047	500	Narrow band modes	Digimodes
	7047 - 7050	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	7050 - 7053	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	7053 - 7060	2700	All modes	Digimodes
	7060 - 7100	2700	All modes	SSB contest preferred 7070 kHz - Digital Voice Centre of Activity 7090 kHz - SSB QRP Centre of Activity
	7100 - 7130	2700	All modes	7110 kHz - Region 1 Emergency Centre
	7130 - 7200	2700	All modes	SSB contest preferred 7165 kHz - Image Centre of Activity
7175 - 7200	2700	All modes	Priority for intercontinental Activity	
10 MHz	10100 - 10140	200	CW	10116 kHz - CW QRP Centre of Activity
	10140 - 10150	500	Narrow band modes	Digimodes
14 MHz	14000 - 14060	200	CW	CW contest preferred 14055 kHz - QRS Centre of Activity
	14060 - 14070	200	CW	CW QRP Centre of Activity 14060 kHz
	14070 - 14089	500	Narrow band modes	Digimodes
	14089 - 14099	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	14099 - 14101		Internationales Baken-Projekt	Beacons exclusively
	14101 - 14112	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	14112 - 14125	2700	All modes	
	14125 - 14300	2700	All modes	SSB contest preferred 14130 kHz - Digital Voice Centre of Activity 14195 +/- 5 kHz - Priority for DX-peditions 14230 kHz - Image Centre of Activity 14285 kHz - SSB QRP Centre of Activity
14300 - 14350	2700	All modes	14300 kHz - Global Emergency Centre of Activity	
18 MHz	18068 - 18095	200	CW	18086 kHz - CW QRP Centre of Activity
	18095 - 18105	500	Narrow band modes	Digimodes
	18105 - 18109	500	Narrow band modes	Digimode, automatically controlled data stations (unattended)
	18109 - 18111		International Beacon Project	Beacons exclusively
	18111 - 18120	2700	All modes	Digimode, automatically controlled data stations (unattended)
	18120 - 18168	2700	All modes	18130 kHz - SSB QRP Centre of Activity 18150 kHz - Digital Voice Centre of Activity 18160 kHz - Emergency Centre of Activity



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21 MHz	21000 - 21070	200	CW	21055 kHz - QRS Centre of Activity 21060 kHz - QRP Centre of Activity
	21070 - 21090	500	Narrow band modes	Digimodes
	21090 - 21110	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	21110 - 21120	2700	All modes	Digimodes, automatically controlled data stations (unattended), (not SSB)
	21120 - 21149	500	Narrow band modes	
	21149 - 21151		International Beacon Project	Beacons exclusively
	21151 - 21450	2700	All modes	21180 kHz - Digital Voice Centre of Activity 21285 kHz - SSB QRP Centre of Activity 21340 kHz - Image Centre of Activity 21360 kHz - Global Emergency Centre of Activity
24 MHz	24890 - 24915	200	CW	24906 kHz - CW QRP Centre of Activity
	24915 - 24925	500	Narrow band modes	Digimodes
	24925 - 24929	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	24929 - 24931		International Beacon Project	Beacons exclusively
	24931 - 24940	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	24940 - 24990	2700	alle Betriebsarten	24950 kHz - Centre of Activity SSB QRP 24960 kHz - Digital Voice Centre of Activity
28 MHz	28000 - 28070	200	CW	28055 kHz - QRS Centre of Activity 28060 kHz - QRP Centre of Activity
	28070 - 28120	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	28120 - 28150	500	Narrow band modes	Digimodes, automatically controlled data stations (unattended)
	28150 - 28190	500	Narrow band modes	
	28190 - 28199		International Beacon Project	Regional time shared beacons, exclusively
	28199 - 28201		International Beacon Project	Worldwide time shared beacons, exclusively
	28201 - 28225		International Beacon Project	Continuous duty beacons, exclusively
	28225 - 28300	2700	All modes	Beacons
	28300 - 28320	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	28320 - 29200	2700	All modes	28330 kHz - Digital Voice Centre of Activity 28360 kHz - SSB QRP Centre of Activity 28680 kHz - Image Centre of Activity
	29200 - 29300	6000	All modes	Digimodes, automatically controlled data stations (unattended)
	29300 - 29510	6000	Satellite Downlink	
	29510 - 29520		Guard Channel	
	29520 - 29550	6000	All modes	FM simplex - 10 kHz channels
	29560 - 29590	6000	All modes	FM-Repeater input (RH1-RH4)
29600	6000	All modes	FM Calling channel	
29610 - 29650	6000	All modes	FM simplex - 10 kHz channels	
29660 - 29700	6000	All modes	FM-Repeater output (RH1-RH4)	

## DEFINITIONS

- All modes** CW, Phone and those other modes listed as Centres of Activity, plus AM (Consideration should be given to adjacent channel users)
- Narrow band modes** All modes using up to 500 Hz bandwidth, including CW, RTTY, PSK etc.
- Digimode** Any digital mode within the appropriate bandwidth, e.g. RTTY, PSK, MT63 etc.
- Image mode** Any analogue or digital image modes within the appropriate bandwidth, e.g. SSTV, FAX
- Sideband usage** Below 10 Mhz use lower sideband (LSB), above 10 MHz use upper sideband (USB)
- ( 1 )** Lowest dial setting for LSB Voice mode: 1843, 3603, 7053 kHz