IARU REGION 1 HF BAND PLAN – Effective 1st January 2006

	FREQUENCY (kHz)	MAX BANDWIDTH (Hz)	PREFERRED MODE AND USAGE
	No rigid bandplan is proposed for 135 -137 kHz		
137 kHz Band:	135.7 - 136.0	200	CW, station tests, QRSS
	136.0 - 137.4	200	CW
	137.4 - 137.6	200	Digimodes, except CW
	137.6 - 137.8	200	CW, QRSS Centre of Activity 137.7 kHz
1.8 MHz Band:	1810 - 1838	200	CW, QRP Centre of Activity 1836 kHz
	1838 - 1840	500	Narrow band modes
	1840 - 1843	2700	All modes – digimodes, (*)
	1843 - 2000	2700	All modes, (*)
3.5 MHz Band:	3500 - 3510	200	CW, priority for intercontinental operation
	3510 - 3560	200	CW, contest preferred, QRS Centre of Activity 3555 kHz
	3560 - 3580	200	CW, QRP Centre of Activity 3560 kHz
	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 station (unattended), (*)
	3600 - 3650	2700	All modes, SSB contest preferred, (*)
	3650 - 3700	2700	All modes, SSB QRP Centre of Activity 3690 kHz
	3700 - 3800	2700	All modes, SSB contest preferred, Image Centre of Activity 3735 kHz, Region 1 Emergency Centre of Activity 3760 kHz
	3775 - 3800	2700	All modes, priority for intercontinental operation
7 MHz Band:	7000 - 7035	200	CW, QRP Centre of Activity 7030 kHz
	7035 - 7038	500	Narrow band modes - digimodes
	7038 - 7040	500	Narrow band modes – digimodes, automatically controlled data stations (unattended)
	7040 - 7043	2700	All modes - digimodes, automatically controlled data stations (unattended),
	7043 -7100	2700	All modes, Image Centre of Activity 7043 kHz, Region 1 Emergency Centre of Activity 7060 kHz, SSB QRP Centre of Activity 7090 kHz, (*)
	7100 - 7200	2700	All modes (2009: 200 Hz and 500 Hz segments below 7100 kHz will be extended)
10 MHz:	10100 - 10140	200	CW, QRP Centre of Activity 10116 kHz
	10140 - 10150	500	Narrow band modes - digimodes

14 MHz Band:

14000 - 14060	200	CW, contest preferred, QRS Centre of Activity 14055 kHz
14060 - 14070	200	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		IBP, exclusively for beacons
14101 - 14112	2700	All modes - digimodes, automatically controlled data stations (unattended)
14112 - 14125	2700	All modes
14125 - 14300	2700	All modes, SSB contest preferred, Priority for Dxpeditions 14195 kHz ± 5 kHz, Image Centre of Activity 14230 kHz, SSB QRP Centre of Activity 14285 kHz
14300 - 14350	2700	All modes, Global Emergency centre of activity 14300 kHz.

18 MHz Band:

18068 - 18095	200	CW, CW QRP Centre of Activity 18086 kHz
18095 - 18105	500	Narrow band modes - digimodes
18105 - 18109	500	Narrow band modes - digimodes, automatically controlled data stations (unattended)
18109 - 18111		IBP, exclusively for beacons
18111 - 18120	2700	All modes - digimodes, automatically controlled data stations (unattended)
18120 - 18168	2700	All modes, Global Emergency centre of activity 18160 kHz

21 MHz Band:

21000 - 21070	200	CW, QRS Centre of Activity 21055 kHz, CW QRP Centre of Activity 21060 kHz
21070 - 21090	500	Narrow band modes - digimodes
21090 - 21110	500	Narrow band modes - digimodes, automatically controlled data stations (unattended)
21110 - 21120	2700	All modes (excluding SSB) - digimodes, automatically controlled data stations (unattended
21120 - 21149	500	Narrow band modes
21149 - 21151		IBP, exclusively for beacons
21151 - 21450	2700	All modes, SSB QRP Centre of Activity, 21285 kHz, Image Centre of Activity 21340 kHz, Global Emergency Centre of Activity 21360 kHz,

24 MHz Band:

24890 - 24915	200	CW, CW QRP centre of activity 24906 kHz
24915 - 24925	500	Narrow band modes - digimodes
24925 - 24929	500	Narrow band modes - digimodes, automatically controlled data stations (unattended)
24929 - 24931		IBP, exclusively for beacons
24931 - 24940	2700	All modes - digimodes, automatically controlled data stations (unattended)
24940 - 24990	2700	All modes

28 MHz Band:	28000 - 28070	200	CW, QRS Centre of Activity 28055 kHz, CW QRP Centre of Activity 28060 kHz
	28070 - 28120	500	Narrow band modes - digimodes
	28120 - 28150	500	Narrow band modes - digimodes, automatically controlled data stations (unattended)
	28150 - 28190	500	Narrow band modes
	28190 - 28199		IBP, regional time shared beacons
	28199 - 28201		IBP, worldwide time shared beacons
	28201 - 28225		IBP, continuous duty beacons
	28225 - 28300	2700	All modes - beacons
	28300 -28320	2700	All modes - digimodes, automatically controlled data stations (unattended)
	28320 - 29200	2700	All modes, SSB QRP Centre of Activity 28360 kHz, Image Centre of Activity 28680 kHz
	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 outputs (RH1 – RH4)

Preferred mode and usage Notes

All modes CW, SSB and those modes listed as Centres of Activity, plus AM (Consideration should be given to adjacent channel users).

Image modes Any analogue or digital image modes within the appropriate bandwidth, for example SSTV and FAX.

Narrow band modes All modes using up to 500 Hz bandwidth, including CW, RTTY, PSK etc.

Digimodes Any digital mode used within the appropriate bandwidth, for example RTTY, PSK, MT63 etc.

Sideband Usage Below 10MHz use lower sideband (LSB), above 10 MHz use upper sideband (USB)

(*) Lowest dial setting for LSB Voice mode: 1843, 3603 and 7043 kHz

Notes

Amplitude modulation (AM) may be used in the telephony sub-bands providing consideration is given to adjacent channel users. (NRRL Davos 05).

CW QSOs are accepted across all bands, except within beacon segments. (Recommendation DV05_C4_Rec_13)

Contest activity shall not take place on the 10, 18 and 24 MHz bands.

Non-contesting radio amateurs are recommended to use the contest-free HF bands (30, 17 and 12m) during the largest international contests. (DV05_C4_Rev_07)

The term “automatically controlled data stations” includes Store and Forward stations.

Transmitting frequencies:

The announced frequencies in the bandplan are understood as “transmitted frequencies” (not those of the suppressed carrier!)

Unmanned transmitting stations:

IARU member societies are requested to limit this activity on the HF bands. It is recommended that any unmanned transmitting stations on HF shall only be activated under operator control except for beacons agreed with the IARU Region 1 beacon coordinator, or specially licensed experimental stations.

1.8 MHz band:

Radio Amateurs in countries that have a SSB allocation ONLY below 1840 kHz, may continue to use it, but the National Societies in those countries are requested to take all necessary steps with their licence administrations to adjust the phone allocations in accordance with the Region 1 Bandplan. (UBA - Davos 2005)

3.5 MHz band:

Intercontinental operations should be given priority in the segments 3500-3510 kHz and 3775-3800 kHz.

Where no DX traffic is involved, the contest segments should not include 3500-3510 kHz or 3775-3800 kHz. Member societies will be permitted to set other (lower) limits for national contests (within these limits).

3510-3600 kHz may be used for unmanned ARDF beacons (CW A1A) (Recommendation DV05_C4_Rec_12)

Member societies should approach their national telecommunication authorities and ask them not to allocate frequencies to other than amateur stations in the band segment that IARU has assigned to intercontinental long distance traffic.

7 MHz band:

The band segment 7035-7045 kHz may be used for automatically controlled data stations (unattended) traffic in the area of Africa south from the equator during local daylight hours.

10 MHz band:

SSB may be used during emergencies involving the immediate safety of life and property and only by stations actually involved in the handling of emergency traffic.

The band segment 10120 kHz to 10140 kHz may be used for SSB transmissions in the area of Africa south of the equator during local daylight hours.

News bulletins on any mode should not be transmitted on the 10 MHz band.

28 MHz band:

Member societies should advise operators not to transmit on frequencies between 29.3 and 29.51 MHz to avoid interference to amateur satellite downlinks.

Experimentation with NBFM Packet Radio on 29 MHz band:

Preferred operating frequencies on each 10 kHz from 29.210 to 29.290 MHz included should be used. A deviation of ±2.5 kHz being used with 2.5 kHz as maximum modulation frequency.