

IARU Region 1 HF+6m Band Plan with CH specific Limits

Based on the IARU Plan 1. Juni 2016 v8.2.1, BACOM Amateurfunkdienst Vorschriften

Created by HB9GYI

Please note that this is not an official band plan or a legally binding document. Please consult your country specific laws and regulations.

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For Swiss OL/OM consult BAKOM: <https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/>

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<https://www.admin.ch/opc/de/classified-compilation/20070034/index.html>

	Frequency / Segment [kHz]	Bandwidth [Hz]	Preferred Mode and Usage		CH max Power		
			Mode	Usage	HB9 / CEPT	HB3	
2k2m	135.7 - 137.8	200	CW, QRSS	CW, QRSS and digital narrow band modes	1 W ERP (S)	prohibited	
630 m	472 - 475 **	200	CW		5 W EIRP (S)	prohibited	
	475 - 479 **	#	CW, Digi		5 W EIRP (S)	prohibited	
	(**) If a frequency is to be selected, particular attention must be paid to still existing non directional beacons (NDB) of the radionavigaton service! (#) Max. bandwidth not specified, max 500 Hz suggested.						
160 m 1.8 MHz	1810 - 1838	200	CW	CW	1836 kHz QRP centry of activity	1000 W (P)	100 W (P)
	1838 - 1840	500	Narrow	Narrow Band Modes		1000 W (P)	100 W (P)
	1840 - 1843	2700	All, LSB	All Modes, Digimodes mostly USB		1000 W (P)	100 W (P)
	1843 - 1850	2700	All, LSB	All Modes		1000 W (P)	100 W (P)
	1850 - 2000	2700	All, LSB	All Modes		1000 W (S)	100 W (S)
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. (Davos 2005)							
80 m 3.5 MHz	3500 - 3510	200	CW	Priority for intercontinental operation		1000 W (S)	100 W (S)
	3510 - 3560	200	CW	Contest preferred	3555 kHz CW QRS Centre of Activity	1000 W (S)	100 W (S)
	3560 - 3570	200	CW		3560 kHz QRP Centre of Activity	1000 W (S)	100 W (S)
	3570 - 3580	200	Narrow, Digi	Narrow band modes, Digimodes		1000 W (S)	100 W (S)
	3580 - 3590	500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (S)	100 W (S)
	3590 - 3600	500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (S)	100 W (S)
	3600 - 3620	2700	All, LSB	All modes, Digimodes, automatically controlled data station (unattended)		1000 W (S)	100 W (S)
	3600 - 3650	2700	All, LSB	All modes, SSB contest preferred,	3630 kHz Digital Voice Centre of Activity	1000 W (S)	100 W (S)
	3650 - 3700	2700	All, LSB	All modes	3690 kHz SSB QRP Centre of Activity	1000 W (S)	100 W (S)
	3700 - 3775	2700	All, LSB	All modes, SSB contest preferred,	3735 kHz Image Centre of Activity	1000 W (S)	100 W (S)
3775 - 3800	2700	All, LSB DX	All modes, SSB contest preferred, priority for intercontinental operation	3760 kHz Reg.1 Emergency Centre of Activity	1000 W (S)	100 W (S)	
60 m 5 MHz	5351.5 - 5354.0	200	CW, Narrow	CW, Narrow band modes, Digimodes		15W EIRP (S)	prohibited
	5354.0 - 5366.0 **	2700	All, USB	All modes, USB recommended for voice operation		15W EIRP (S)	prohibited
	5366.0 - 5366.5	20	Narrow	Weak signal narrow band modes		15W EIRP (S)	prohibited
	It is strongly recommended that frequencies within the WRC-15 allocation only be used if there are no other frequencies available at 5 MHz under domestic (ITU-R article 4.4) permissions. Local nets and long rag chew QSOs should not use the WRC-15 allocation at 5 MHz but should instead make use of the 3.5 MHz, 5 MHz domestic, or 7 MHz bands where there is more spectrum available. (**) Highest dial setting for USB Voice mode on the 60m band: 5363 kHz						
40 m 7 MHz	7000 - 7040	200	CW			1000 W (P)	prohibited
	7040 - 7047	500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (P)	prohibited
	7047 - 7050	500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	prohibited
	7050 - 7053	2700	All, LSB	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	prohibited
	7053 - 7060	2700	All, LSB	All modes - digimodes		1000 W (P)	prohibited
	7060 - 7100	2700	All, LSB	All modes, SSB contest preferred,	7070 kHz Digital Voice Centre of Activity	1000 W (P)	prohibited
	7100 - 7130	2700	All, LSB	All modes	7090 kHz SSB QRP Centre of Activity	1000 W (P)	prohibited
	7130 - 7175	2700	All, LSB	All modes, SSB contest preferred,	7110 kHz Reg.1 Emergency Centre of Activity	1000 W (P)	prohibited
7175 - 7200	2700	All, LSB	All modes, SSB contest preferred, priority for intercontinental operation	7165 kHz Image Centre of Activity	1000 W (P)	prohibited	
30 m 10 MHz	10100 - 10130	200	CW		10116 KHz QRP centry of activity	1000 W (S)	prohibited
	10130 - 10150	500	Narrow, Digi			1000 W (S)	prohibited
	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.						
20 m 14 MHz	14000 - 14060	200	CW	Contest preferred,	14055 kHz QRS Centre of Activity	1000 W (P)	prohibited
	14060 - 14070	200	CW		14060 kHz QRP Centre of Activity	1000 W (P)	prohibited
	14070 - 14089	500	Narrow	Narrow band modes, Digimodes		1000 W (P)	prohibited
	14089 - 14099	500	Narrow	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	prohibited
	14099 - 14101		IBP	Exclusively for beacons		1000 W (P)	prohibited
	14101 - 14112	2700	All, Digi, USB	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	prohibited
	14112 - 14125	2700	All, USB	All modes,		1000 W (P)	prohibited
	14125 - 14300	2700	All, USB	All modes, SSB contest preferred,	14130 kHz Digital Voice Centre of Activity	1000 W (P)	prohibited
					14195 kHz ± 5 kHz Priority for Dxpeditions		
					14230 kHz Image Centre of Activity		
14300 - 14350	2700	All, USB	All modes,	14285 kHz Digital Voice Centre of Activity	1000 W (P)	prohibited	
				14300 kHz Global Emergency centre of activity			

17 m 18 MHz	18068 - 18095	200	CW		18086 kHz QRP Centre of Activity	1000 W (P)	prohibited
	18095 - 18105	500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (P)	prohibited
	18105 - 18109	500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	prohibited
	18109 - 18111		IBP	Exclusively for beacons		1000 W (P)	prohibited
	18111 - 18120	2700	All, Digi, USB	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	prohibited
	18120 - 18168	2700	All, USB	All modes,	18130 kHz SSB QRP Centre of Activity 18150 kHz Digital Voice Centre of Activity 18160 kHz Global Emergency centre of activity	1000 W (P)	prohibited
15 m 21 MHz	21000 - 21070	200	CW		21055 kHz QRS Centre of Activity 21060 kHz QRP Centre of Activity	1000 W (P)	100 W (P)
	21070 - 21090	500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (P)	100 W (P)
	21090 - 21110	500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	100 W (P)
	21110 - 21120	2700	All, NO SSB	All modes (excluding SSB), digimodes, automatically controlled data stations		1000 W (P)	100 W (P)
	21120 - 21149	500	Narrow	Narrow band modes		1000 W (P)	100 W (P)
	21149 - 21151		IBP	Exclusively for beacons		1000 W (P)	100 W (P)
	21151 - 21450	2700	All, Digi, USB	All modes,	21180 kHz Digital Voice Centre of Activity 21285 kHz SSB QRP Centre of Activity 21340 kHz Image Centre of Activity 21360 kHz Digital Voice Centre of Activity	1000 W (P)	100 W (P)
	12 m 24 MHz	24890 - 24915	200	CW		24906 kHz QRP Centre of Activity	1000 W (P)
24915 - 24925		500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (P)	prohibited
24925 - 24929		500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	prohibited
24929 - 24931			IBP	Exclusively for beacons		1000 W (P)	prohibited
24391 - 24940		2700	All, USB	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	prohibited
24940 - 24990		2700	All, USB	All modes,	24950 kHz SSB QRP Centre of Activity 24960 kHz Digital Voice Centre of Activity	1000 W (P)	prohibited
10 m 28 MHz	28000 - 28070	200	CW		28055 kHz QRS Centre of Activity 28060 kHz QRP Centre of Activity	1000 W (P)	100 W (P)
	28070 - 28120	500	Narrow, Digi	Narrow band modes, Digimodes		1000 W (P)	100 W (P)
	28120 - 28150	500	Narrow, Digi	Narrow band modes, Digimodes, automatically controlled data stations (unattended)		1000 W (P)	100 W (P)
	28150 - 28190	500		Narrow band modes		1000 W (P)	100 W (P)
	28190 - 28199		IBP	Regional time shared beacons		1000 W (P)	100 W (P)
	28199 - 28201		IBP	Worldwide time shared beacons		1000 W (P)	100 W (P)
	28201 - 28225		IBP	Continuous duty beacons		1000 W (P)	100 W (P)
	28225 - 28300	2700	All, USB	All modes, Beacons		1000 W (P)	100 W (P)
	28300 - 28320	2700	All, Digi, USB	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	100 W (P)
	28320 - 29000	2700	All, Digi, USB	All modes,	28330 kHz Digital Voice Centre of Activity 28360 kHz SSB QRP Centre of Activity 28680 kHz Image Centre of Activity	1000 W (P)	100 W (P)
	29000 - 29100	6000	All	All modes		1000 W (P)	100 W (P)
	29100 - 29200	6000	All, FM	All modes, FM simplex, 10kHz Channels		1000 W (P)	100 W (P)
	29200 - 29300	6000	All, Digi	All modes, Digimodes automatically controlled data stations (unattended)		1000 W (P)	100 W (P)
	29300 - 29510	6000	All	Satellite Links		1000 W (P)	100 W (P)
	29510 - 29520			Guard Channel		1000 W (P)	100 W (P)
	29520 - 29590	6000	All, FM	All modes, FM repeater input (RH1 - RH8)		1000 W (P)	100 W (P)
29600	6000	All, FM	All modes, FM calling channel				
29610	6000	All, FM	All modes, FM simplex repeater (parrot, input and output)				
29620 - 29700	6000	All, FM	All modes, FM repeater outputs (RH1 - RH8)		1000 W (P)	100 W (P)	
6 m 50 MHz	50000 - 50030	500	IBP	Beacon Reserved	50000 kHz +10kHz Region-1 Beacon 50010 kHz +10kHz Region-2 Beacon 50020 kHz +10kHz Region-3 Beacon	100 W (S)	prohibited
	50030 - 50100	500	CW	CW exclusive, Beacon allowed	50050 kHz CW, International Call QRG Europe 50090 kHz CW, Intercontinental Call QRG	100 W (S)	prohibited
	50100 - 50130	2700	CW, USB	Intercontinental CW / SSB	50110 kHz Intercontinental Call QRG	100 W (S)	prohibited
	50130 - 50200	2700	CW, USB	International CW / SSB	50150 kHz International Centre Of Activity	100 W (S)	prohibited
	50200 - 50300	2700	CW, USB	General Usage	50285 kHz Crossband	100 W (S)	prohibited
	50300 - 50400	2700	CW, Narrow, Digi		50305 kHz PSK Centre of Activity 50310 kHz +10kHz EME 50320 kHz +60kHz MS	100 W (S)	prohibited
	50400 - 50500	1000	CW, Digi	Digital Telegraphy	50401 kHz ± 500 Hz WSPR Beacons	100 W (S)	prohibited
	50500 - 52000	12 kHz	All		60510 kHz SSTV (AFSK) 50520 kHz - 540 Fimplex FM Inernet Voice GW 50550 kHz Image working frequency 50600 kHz RTTY (FSK) 50620 kHz - 750 kHz Digital Communication 50630 kHz Digital Voice (DV) calling 51210 kHz - 390 FM/DV Repeater Inputs 51410 kHz - 590 FM/DV Simplex 51510 kHz FM calling Frequency 51810 kHz - 990 FM repeaters output channels	100 W (S)	prohibited

Notes / Definitions	Mode Definitions All	<i>CW, SSB and those modes listed as Centres of Activity, plus AM (Consideration should be given to adjacent channel users).</i>
	Digi	<i>Any digital mode used within the appropriate bandwidth, for example RTTY, PSK, FT4, FT8</i>
	Narrow	<i>All modes using up to 500 Hz bandwidth, including CW, RTTY, PSK etc.</i>
	Sideband Usage	<i>Below 10MHz lower sideband (LSB) is recommended, and above 10 MHz use upper sideband (USB). The exception to this is on the 5 MHz band where USB is recommended.</i>
	Band Usage (P)	<i>Primary Usage</i>
	(S)	<i>Secondary Usage of band</i>

Links	Band Plans IARU Reg 1	https://www.uska.ch/wp-content/uploads/2016/05/20160601_IARU_R1_HF_BANDPLAN_2016_IARU_v8.2.1.pdf
	DARC	https://www.uska.ch/wp-content/uploads/2016/05/20160601_IARU_R1_HF_BANDPLAN_2016_DK4WV_v3d_color.pdf
	DARC 6m	https://www.darc.de/fileadmin/filemounts/referate/yus/bandplaene/VHF_Bandplan_6_m_Januar_2018.pdf
	Bakom Freq Mgmt	https://www.admin.ch/opc/de/classified-compilation/20070034/202001010000/784_102_11.pdf
	DARC VHF	https://www.darc.de/fileadmin/filemounts/referate/yus/bandplaene/VHF_Bandplan_2_m_August_2017.pdf
	DARC UHF	https://www.darc.de/fileadmin/filemounts/referate/yus/bandplaene/UHF_Bandplan_70_cm_August_2017.pdf https://www.darc.de/fileadmin/_migrated/content_uploads/UHF_Bandplan_23_cm.pdf