Countries with CEPT Licence

Compiled by Hans Schwarz, DK5JI
(Current as of 2023-05-27)

*** = non-CEPT country**

International Affairs

Frequency Management

Albania

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented, but guest licence required[1]				ECC/REC/(05)06 implemented, but guest licence required[1]			
	HAREC							
	T/R 61-02 implemented				ERC Report 32 applied			
Call sign prefix	ZA/				ZA/			
Extensions								
Equivalent national class	CEPT Licence				CEPT Novice Licence			
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**		**Power (PEP)**	**Bandwidth/ Modes**
2200 m[2]	135.700	– 137.800 kHz							
630 m[2]	472.000	– 479.000 kHz							
160 m	1.810	– 1.850 MHz		1500 W	8 kHz	1.810	– 1.850 MHz	120 W	8 kHz
	1.850	– 2.000 MHz		60 W	8 kHz	1.850	– 2.000 MHz	60 W	8 kHz
80 m	3.750	– 3.800 MHz		1500 W	8 kHz	3.750	– 3.800 MHz	120 W	8 kHz
60 m[2]	5.3515	– 5.3665 MHz							
40 m	7.000	– 7.100 MHz		1500 W	8 kHz	7.000	– 7.200 MHz	120 W	8 kHz
	7.100	– 7.200 MHz		250 W	8 kHz				
30 m	10.100	– 10.150 MHz		1500 W	1 kHz	10.100	– 10.150 MHz	120 W	1 kHz
20 m	14.000	– 14.350 MHz		1500 W	8 kHz	14.000	– 14.350 MHz	120 W	8 kHz
17 m	18.068	– 18.168 MHz		1500 W	8 kHz	18.068	– 18.168 MHz	120 W	8 kHz
15 m	21.000	– 21.450 MHz		1500 W	8 kHz	21.000	– 21.450 MHz	120 W	8 kHz
12 m	24.890	– 24.990 MHz		1500 W	8 kHz	24.890	– 24.990 MHz	120 W	8 kHz
10 m	28.000	– 29.700 MHz		1500 W	8 kHz	28.000	– 29.700 MHz	120 W	8 kHz
6 m	50.000	– 52.000 MHz		200 W	18 kHz	50.000	– 52.000 MHz	120 W	18 kHz
4 m[2]	69.900	– 70.500 MHz							
2 m	144.000	– 146.000 MHz		600 W	18 kHz	144.000	– 146.000 MHz	120 W	18 kHz
70 cm	430.000	– 440.000 MHz		600 W	any	430.000	– 440.000 MHz	120 W	any
23 cm	1.240	– 1.245 GHz		600 W	any	1.240	– 1.245 GHz	120 W	any
	1.267	– 1.270 GHz		600 W	any	1.267	– 1.270 GHz	120 W	any
	1.297	– 1.300 GHz		600 W	any	1.297	– 1.300 GHz	120 W	any
13 cm	2.300	– 2.450 GHz		600 W	any	2.300	– 2.450 GHz	120 W	any
9 cm	3.400	– 3.410 GHz		600 W	any	3.400	– 3.410 GHz	120 W	any
6 cm	5.660	– 5.670 GHz		600 W	any	5.660	– 5.670 GHz	120 W	any
	5.725	– 5.850 GHz		600 W	any	5.725	– 5.850 GHz	120 W	any
3 cm	10.000	– 10.500 GHz		600 W	any	10.000	– 10.500 GHz	120 W	any
1.2 cm	24.000	– 24.250 GHz		600 W	any	24.000	– 24.250 GHz	120 W	any
6 mm	47.000	– 47.900 GHz		600 W	any	47.000	– 47.900 GHz	120 W	any
	48.200	– 48.540 GHz		600 W	any	48.200	– 48.540 GHz	120 W	any
4 mm	75.500	– 81.500 GHz		600 W	any	75.500	– 81.500 GHz	120 W	any
2.5 mm	122.250	– 123.000 GHz		600 W	any	122.250	– 123.000 GHz	120 W	any
2 mm	134.000	– 141.000 GHz		600 W	any	134.000	– 141.000 GHz	120 W	any
1.2 mm	241.000	– 250.000 GHz		600 W	any	241.000	– 250.000 GHz	120 W	any

Notes

[1] Application for guest licence: Telecommunications Regulatory Entity, Reshit Çollaku Street No. 43, Tirana, Albania
[2] Bands listed in the National Frequency Plan (Plani Kombëtar i Frekuencave), but not mentioned in the amateur radio regulations

Info

Autoriteti i Komunikimeve Elektronike dhe Postare (AKEP) – https://akep.al/wp-content/uploads/images/stories/AKEP/rregullore/2017/RREGULLORE_PER_SHERBIMET_RADIOAMATORE_2.pdf (current as of 2017-01-24); https://akep.al/wp-content/uploads/2019/03/FZ-2021-35.pdf (current as of 2021-03-08); https://akep.al/wp-content/uploads/2022/02/PPF-dokumenti-i-keshillimit-2022.pdf (current as of 2022-02-10)

Andorra

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented

*Australia

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted without guest licence ERC Report 32 not applied
Call sign prefix	VK/	VK/
Extensions	/P (optional)	/P (optional)
Equivalent national class	Radiocommunications (Overseas Amateurs Visiting Australia) Class Licence 2015 – Table C(i)	Radiocommunications (Overseas Amateurs Visiting Australia) Class Licence 2015 – Table C(v)

Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W EIRP	2.1 kHz					
630 m	472.000	–	479.000 kHz[2]	5 W EIRP	2.1 kHz					
160 m	1.800	–	1.875 MHz	400/120 W[3]	any					
80 m	3.500	–	3.700 MHz	400/120 W[3]	any					
	3.776	–	3.800 MHz	400/120 W[3]	8 kHz					
60 m										
40 m	7.000	–	7.100 MHz	400/120 W[3]	any					
	7.100	–	7.300 MHz	400/120 W[3]	8 kHz					
30 m	10.100	–	10.150 MHz	400/120 W[3]	8 kHz					
20 m	14.000	–	14.350 MHz	400/120 W[3]	any					
17 m	18.068	–	18.168 MHz	400/120 W[3]	any					
15 m	21.000	–	21.450 MHz	400/120 W[3]	any					
12 m	24.890	–	24.990 MHz	400/120 W[3]	any					
10 m	28.000	–	29.700 MHz	400/120 W[3]	any					
6 m	50.000	–	52.000 MHz	100 W	100 kHz					
	52.000	–	54.000 MHz	400/120 W[3]	any					
4 m										
2 m	144.000	–	148.000 MHz	400/120 W[3]	any	146.000	–	148.000 MHz	10 W	any
70 cm	430.000	–	450.000 MHz	400/120 W[3]	any					
23 cm	1.240	–	1.300 GHz	400/120 W[3]	any					
13 cm	2.300	–	2.302 GHz	400/120 W[3]	any					
	2.400	–	2.450 GHz	400/120 W[3]	any					
9 cm	3.300	–	3.600 GHz[4]	400/120 W[3]	any					
6 cm	5.650	–	5.850 GHz	400/120 W[3]	any					
3 cm	10.000	–	10.500 GHz	400/120 W[3]	any					
1.2 cm	24.000	–	24.250 GHz	400/120 W[3]	any					
6 mm	47.000	–	47.200 GHz	400/120 W[3]	any					
4 mm	76.000	–	81.000 GHz	400/120 W[3]	any					
2.5 mm	122.250	–	123.000 GHz	400/120 W[3]	any					
2 mm	134.000	–	141.000 GHz	400/120 W[3]	any					
1.2 mm	241.000	–	250.000 GHz	400/120 W[3]	any					

Notes

1 Guest licence and landing permission required for Coral Sea Islands (Mellish Reef, Willis Island) (VK9) and Australian Antarctic Territory, Heard Island and McDonald Islands and Macquarie Island (VKØ)

2 Timor Non Directional Beacon area excluded

3 400 W PEP for C3F, J3E, R3E; 120 W mean power for all other classes of emission

4 3.400–3.425 GHz, 3.425–3.4425 GHz, 3.475–3.4925 GHz, 3.4925–3.510 GHz, 3510–3.5425 GHz, 3.5425–3.575 GHz: regionally excluded

Info

Australian Communications and Media Authority (ACMA) – https://www.legislation.gov.au/Details/F2020C00377 (current as of 2020-05-11); https://www.legislation.gov.au/Details/F2022L00983 (current as of 2022-07-14)

Austria

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	OE/	OE/
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	Class 1 – Power Level B	Class 4[1] – Power Level A

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	200 Hz			
630 m	472.000 – 479.000 kHz	1 W EIRP	200 Hz			
160 m	1.810 – 1.850 MHz	200 W	7 kHz	1.810 – 1.850 MHz	100 W	7 kHz
	1.850 – 2.000 MHz	100 W	7 kHz	1.850 – 2.000 MHz	100 W	7 kHz
80 m	3.500 – 3.800 MHz	200 W	7 kHz	3.500 – 3.800 MHz	100 W	7 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	7 kHz			
40 m	7.000 – 7.200 MHz	200 W	7 kHz			
30 m	10.100 – 10.150 MHz	200 W	7 kHz			
20 m	14.000 – 14.350 MHz	200 W	7 kHz			
17 m	18.068 – 18.168 MHz	200 W	7 kHz			
15 m	21.000 – 21.450 MHz	200 W	7 kHz	21.000 – 21.450 MHz	100 W	7 kHz
12 m	24.890 – 24.990 MHz	200 W	7 kHz			
10 m	28.000 – 29.700 MHz	200 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz
6 m	50.000 – 52.000 MHz	200 W	40 kHz			
	52.000 – 54.000 MHz[2]	100 W	2 MHz			
4 m						
2 m	144.000 – 146.000 MHz	200 W	40 kHz	144.000 – 146.000 MHz	100 W	40 kHz
70 cm	430.000 – 440.000 MHz[3]	200 W	1 MHz[4]	430.000 – 440.000 MHz[3]	100 W	1 MHz[4]
23 cm	1.240 – 1.300 GHz	10 W	16 kHz			
13 cm	2.304 – 2.310 GHz	200 W	1 MHz			
	2.320 – 2.322 GHz	200 W	1 MHz			
	2.400 – 2.450 GHz	200 W	1 MHz			
9 cm	3.400 – 3.410 GHz	200 W	10 MHz			
6 cm	5.650 – 5.850 GHz	200 W	10 MHz			
3 cm	10.368 – 10.370 GHz	10 kW EIRP	10 MHz			
	10.400 – 10.500 GHz	200 W	10 MHz			
1.2 cm	24.000 – 24.250 GHz	200 W	10 MHz			
6 mm	47.000 – 47.200 GHz	200 W	10 MHz			
4 mm	76.000 – 81.500 GHz	200 W	10 MHz			
2.5 mm	122.250 – 123.000 GHz	200 W	10 MHz			
2 mm	134.000 – 141.000 GHz	200 W	10 MHz			
1.2 mm	241.000 – 250.000 GHz	200 W	10 MHz			
< 1.2 mm	275.000 –3000.000 GHz	200 W	10 MHz			

Notes

1 Only unmodified commercial transmitters allowed
2 For research projects only, valid until 2030-12-31
3 439.100–440.000 MHz: reception only
4 ATV on 433.750 and 434.250 MHz

Info

Bundeskanzleramt (BKA)/Bundesminister für Finanzen/Rechtsinformationssystem des Bundes (RIS) – https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=20008807 (current as of 2023-04-20); https://www.ris.bka.gv.at/Dokumente/Bundesnormen/NOR40251381/II_61_2023_Anlage_4.pdf (current as of 2023-03-13)

Azerbaijan

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented

*Belarus

Implementation	**CEPT Licence** T/R 61-01 implemented, but Belarus removed from the List of Countries (T/R 61-01, Annex 2) **HAREC** T/R 61-02 implemented, but Belarus removed from the List of Countries (T/R 61-02, Annex 2)	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 not applied
Call sign prefix	EW/	EW/
Extensions		
Equivalent national class	CEPT Licence with CW 12 wpm: Class A; CEPT Licence without CW: Class B	Class C

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes[1]**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes[1]**
2200 m	135.700 – 137.800 kHz	100 W	200 Hz[2]			
630 m						
160 m	1.810 – 1.830 MHz	10 W	200 Hz[2]	1.830 – 1.838 MHz	5 W	200 Hz[2]
	1.830 – 1.838 MHz	500/100 W[3]	200 Hz[2]	1.838 – 1.840 MHz	5 W	500 Hz[4]
	1.838 – 1.840 MHz	500/100 W[3]	500 Hz[4]	1.840 – 2.000 MHz	5 W	2.7 kHz
	1.840 – 1.850 MHz	500/100 W[3]	2.7 kHz[5]			
	1.850 – 2.000 MHz	10 W	2.7 kHz[5]			
80 m	3.500 – 3.580 MHz	500/100 W[3]	200 Hz[2]	3.510 – 3.580 MHz	25 W	200 Hz[2]
	3.580 – 3.600 MHz	500/100 W[3]	500 Hz[4]	3.580 – 3.600 MHz	25 W	500 Hz[4]
	3.600 – 3.800 MHz	500/100 W[3]	2.7 kHz[5]	3.600 – 3.700 MHz	25 W	2.7 kHz[5]
60 m[6]	5.3515 – 5.354 MHz	50 W	200 Hz[4]			
	5.354 – 5.366 MHz	50 W	2.7 kHz[5]			
	5.366 – 5.3665 MHz	50 W	20 Hz[7]			
40 m	7.000 – 7.040 MHz	500/100 W[3]	200 Hz[2]	7.010 – 7.040 MHz	25 W	200 Hz[2]
	7.040 – 7.050 MHz	500/100 W[3]	500 Hz[7]	7.040 – 7.050 MHz	25 W	500 Hz[7]
	7.050 – 7.200 MHz	500/100 W[3]	2.7 kHz[5]	7.050 – 7.100 MHz	25 W	2.7 kHz[5]
30 m[6]	10.100 – 10.130 MHz	500 W	200 Hz[2]			
	10.130 – 10.150 MHz	500 W	500 Hz[4]			
20 m	14.000 – 14.070 MHz	500/100 W[3]	200 Hz[2]			
	14.070 – 14.099 MHz	500/100 W[3]	500 Hz[7]			
	14.099 – 14.101 MHz[8]					
	14.101 – 14.250 MHz	500/100 W[3]	2.7 kHz[5]			
	14.250 – 14.350 MHz	500/100 W[3]	2.7 kHz[9]			
17 m[6]	18.068 – 18.095 MHz	500 W	200 Hz[2]			
	18.095 – 18.109 MHz	500 W	500 Hz[7]			
	18.109 – 18.111 MHz[8]					
	18.111 – 18.168 MHz	500 W	2.7 kHz[5]			
15 m	21.000 – 21.070 MHz	500/100 W[3]	200 Hz[2]	21.025 – 21.070 MHz	25 W	200 Hz[2]
	21.070 – 21.090 MHz	500/100 W[3]	200 Hz[7]	21.070 – 21.090 MHz	25 W	200 Hz[7]
	21.090 – 21.110 MHz	500/100 W[3]	500 Hz[7]	21.090 – 21.110 MHz	25 W	500 Hz[7]
	21.110 – 21.120 MHz	500/100 W[3]	2.7 kHz[5]	21.110 – 21.120 MHz	25 W	2.7 kHz[5]
	21.120 – 21.149 MHz	500/100 W[3]	500 Hz[4]	21.120 – 21.149 MHz	25 W	500 Hz[4]
	21.149 – 21.151 MHz[8]			21.149 – 21.151 MHz[4]		
	21.151 – 21.450 MHz	500/100 W[3]	2.7 kHz[5]	21.151 – 21.450 MHz	25 W	2.7 kHz[5]
12 m[6]	24.890 – 24.915 MHz	500 W	200 Hz[2]			
	24.915 – 24.929 MHz	500 W	500 Hz[7]			
	24.929 – 24.931 MHz[8]					
	24.931 – 24.990 MHz	500 W	2.7 kHz[5]			
10 m	28.000 – 28.070 MHz	500/100 W[3]	200 Hz[2]	28.000 – 28.070 MHz	25 W	200 Hz[2]
	28.070 – 28.150 MHz	500/100 W[3]	500 Hz[7]	28.070 – 28.150 MHz	25 W	500 Hz[7]
	28.150 – 28.190 MHz	500/100 W[3]	500 Hz[4]	28.150 – 28.190 MHz	25 W	500 Hz[4]
	28.190 – 28.199 MHz[8]		200 Hz	28.190 – 28.199 MHz[4]		200 Hz
	28.199 – 28.201 MHz[8]			28.199 – 28.201 MHz[4]		
	28.201 – 28.225 MHz[8]		200 Hz	28.201 – 28.225 MHz[4]		200 Hz
	28.225 – 28.300 MHz	500/100 W[3]	2.7 kHz[10]	28.225 – 28.300 MHz	25 W	2.7 kHz[10]
	28.300 – 29.000 MHz	500/100 W[3]	2.7 kHz[5]	28.300 – 29.000 MHz	25 W	2.7 kHz[5]
	29.000 – 29.300 MHz	500/100 W[3]	6 kHz	29.000 – 29.300 MHz		6 kHz
	29.300 – 29.510 MHz[11]	500/100 W[3]	6 kHz	29.300 – 29.510 MHz[11]		6 kHz
	29.510 – 29.700 MHz	500/100 W[3]	6 kHz	29.510 – 29.700 MHz	25 W	6 kHz
6 m						
4 m						
2 m	144.000 – 144.025 MHz[11]		2.7 kHz	144.000 – 144.025 MHz[11]		2.7 kHz
	144.025 – 144.100 MHz[12]	100/50 W[13]	500 Hz[4]	144.025 – 144.100 MHz[12]	10 W	500 Hz[4]
	144.100 – 144.150 MHz[14]	100/50 W[13]	500 Hz[4]	144.100 – 144.150 MHz[14]	10 W	500 Hz[4]
	144.150 – 144.400 MHz	100/50 W[13]	2.7 kHz[5]	144.150 – 144.400 MHz	10 W	2.7 kHz[5]
	144.400 – 144.500 MHz[15]	100/50 W[13]	500 Hz	144.400 – 144.500 MHz[15]	10 W	500 Hz
	144.500 – 144.794 MHz	100/50 W[13]	20 kHz	144.500 – 144.794 MHz	10 W	20 kHz
	144.794 – 145.800 MHz[16]	100/50 W[13]	12 kHz	144.794 – 145.800 MHz[16]	10 W	12 kHz
	145.800 – 146.000 MHz[11]	100/50 W[13]	12 kHz	145.800 – 146.000 MHz[11]	10 W	12 kHz

70 cm	430.000 – 432.000 MHz	50/25 W[17]	20 kHz	430.000 – 432.000 MHz	10 W	20 kHz
	432.000 – 432.100 MHz	50/25 W[17]	500 Hz[4]	432.000 – 432.100 MHz	10 W	500 Hz[4]
	432.100 – 432.400 MHz	50/25 W[17]	2.7 kHz	432.100 – 432.400 MHz	10 W	2.7 kHz
	432.400 – 432.500 MHz[18]	50/25 W[17]	500 Hz	432.400 – 432.500 MHz[18]	10 W	500 Hz
	432.500 – 433.000 MHz	50/25 W[17]	12 kHz	432.500 – 433.000 MHz	10 W	12 kHz
	433.000 – 433.375 MHz	50/25 W[17]	12 kHz[19]	433.000 – 433.375 MHz	10 W	12 kHz[19]
	433.400 – 433.600 MHz[20]	50/25 W[17]	12 kHz	433.400 – 433.600 MHz[20]	10 W	12 kHz
	433.600 – 434.000 MHz	50/25 W[17]	20 kHz	433.600 – 434.000 MHz	10 W	20 kHz
	434.000 – 434.981 MHz	50/25 W[17]	12 kHz	434.000 – 434.981 MHz	10 W	12 kHz
	435.000 – 438.000 MHz[11]	50/25 W[17]	20 kHz	435.000 – 438.000 MHz[11]	10 W	20 kHz
	438.000 – 440.000 MHz	50/25 W[17]	20 kHz	438.000 – 440.000 MHz	10 W	20 kHz
23 cm	1.240 – 1.2405 GHz	50/25 W[17]	2.7 kHz	1.240 – 1.2405 GHz	10 W	2.7 kHz
	1.2405 – 1.24075 GHz[8]		500 Hz	1.2405 – 1.24075 GHz[8]		500 Hz
	1.24075 – 1.241 GHz	50/25 W[17]	20 kHz[19]	1.24075 – 1.241 GHz	10 W	20 kHz[19]
	1.241 – 1.24325 GHz	50/25 W[17]	20 kHz	1.241 – 1.24325 GHz	10 W	20 kHz
	1.24325 – 1.260 GHz	50/25 W[17]	any	1.24325 – 1.260 GHz	10 W	any
	1.260 – 1.270 GHz[11]	50/25 W[17]	any	1.260 – 1.270 GHz[11]	10 W	any
	1.270 – 1.296 GHz	50/25 W[17]	20 kHz	1.270 – 1.296 GHz	10 W	20 kHz
	1.296 – 1.29615 GHz	50/25 W[17]	500 Hz[4]	1.296 – 1.29615 GHz	10 W	500 Hz[4]
	1.29615 – 1.2968 GHz	50/25 W[17]	2.7 kHz[5]	1.29615 – 1.2968 GHz	10 W	2.7 kHz[5]
	1.2968 – 1.297 GHz[8]		500 Hz	1.2968 – 1.297 GHz[8]		500 Hz
	1.297 – 1.298 GHz	50/25 W[17]	20 kHz[19]	1.297 – 1.298 GHz	10 W	20 kHz[19]
	1.298 – 1.299 GHz	50/25 W[17]	20 kHz	1.298 – 1.299 GHz	10 W	20 kHz
	1.299 – 1.29975 GHz	50/25 W[17]	150 kHz	1.299 – 1.29975 GHz	10 W	150 kHz
	1.29975 – 1.300 GHz	50/25 W[17]	20 kHz	1.29975 – 1.300 GHz	10 W	20 kHz
13 cm	2.300 – 2.320 GHz	50/25 W[17]	20 kHz	2.300 – 2.320 GHz	10 W	20 kHz
	2.320 – 2.32015 GHz	50/25 W[17]	500 Hz[2]	2.320 – 2.32015 GHz	10 W	500 Hz[2]
	2.32015 – 2.3208 GHz	50/25 W[17]	2.7 kHz	2.32015 – 2.3208 GHz	10 W	2.7 kHz
	2.3208 – 2.321 GHz[8]		2.7 kHz	2.3208 – 2.321 GHz[8]		2.7 kHz
	2.321 – 2.322 GHz	50/25 W[17]	20 kHz[19]	2.321 – 2.322 GHz	10 W	20 kHz[19]
	2.322 – 2.400 GHz	50/25 W[17]	20 kHz	2.322 – 2.400 GHz	10 W	20 kHz
	2.400 – 2.450 GHz[11]	50/25 W[17]	150 kHz[21]	2.400 – 2.450 GHz[11]	10 W	150 kHz[21]
9 cm						
6 cm	5.650 – 5.670 GHz[11]	50/25 W[17]	2.7 kHz	5.650 – 5.670 GHz[11]	10 W	2.7 kHz
	5.670 – 5.760 GHz	50/25 W[17]	150 kHz	5.670 – 5.760 GHz	10 W	150 kHz
	5.760 – 5.7608 GHz	50/25 W[17]	2.7 kHz	5.760 – 5.7608 GHz	10 W	2.7 kHz
	5.7608 – 5.76099 GHz[8]		2.7 kHz	5.760 – 5.76099 GHz[8]		2.7 kHz
	5.76099 – 5.762 GHz	50/25 W[17]	150 kHz	5.76099 – 5.762 GHz	10 W	150 kHz
	5.762 – 5.835 GHz	50/25 W[17]	150 kHz	5.762 – 5.835 GHz	10 W	150 kHz
	5.835 – 5.850 GHz[11]	50/25 W[17]	2.7 kHz	5.835 – 5.850 GHz[11]	10 W	2.7 kHz
3 cm	10.000 – 10.150 GHz	50/25 W[17]	150 kHz[4]	10.000 – 10.150 GHz	10 W	150 kHz[4]
	10.150 – 10.250 GHz	50/25 W[17]	10 MHz	10.150 – 10.250 GHz	10 W	10 MHz
	10.250 – 10.368 GHz	50/25 W[17]	150 kHz	10.250 – 10.368 GHz	10 W	150 kHz
	10.368 – 10.370 GHz	50/25 W[17]	2.7 kHz[22]	10.368 – 10.370 GHz	10 W	2.7 kHz[22]
	10.370 – 10.450 GHz	50/25 W[17]	10 MHz	10.370 – 10.450 GHz	10 W	10 MHz
	10.450 – 10.500 GHz[11]	50/25 W[17]	20 kHz[21]	10.450 – 10.500 GHz[11]	10 W	20 kHz[21]
1.2 cm	24.000 – 24.048 GHz	50/25 W[17]	6 MHz	24.000 – 24.048 GHz	10 W	6 MHz
	24.048 – 24.050 GHz[11]	50/25 W[17]	2.7 kHz[5]	24.048 – 24.050 GHz[11]	10 W	2.7 kHz[5]
	24.050 – 24.250 GHz	50/25 W[17]	10 MHz	24.050 – 24.250 GHz	10 W	10 MHz
6 mm	47.000 – 47.002 GHz[12]	50/25 W[17]	2.7 kHz[4]	47.000 – 47.002 GHz[12]	10 W	2.7 kHz[4]
	47.002 – 47.088 GHz	50/25 W[17]	6 MHz	47.002 – 47.088 GHz	10 W	6 MHz
	47.088 – 47.090 GHz[11]	50/25 W[17]	2.7 kHz[23]	47.088 – 47.090 GHz[11]	10 W	2.7 kHz[23]
	47.090 – 47.200 GHz	50/25 W[17]	10 MHz	47.090 – 47.200 GHz	10 W	10 MHz
4 mm	75.500 – 76.000 GHz[11]	50/25 W[17]	2.7 kHz[5]	75.500 – 76.000 GHz[11]	10 W	2.7 kHz[5]
	76.000 – 77.500 GHz	50/25 W[17]	6 MHz	76.000 – 77.500 GHz	10 W	6 MHz
	77.500 – 77.501 GHz[11]	50/25 W[17]	2.7 kHz[5]	77.500 – 77.501 GHz[11]	10 W	2.7 kHz[5]
	77.501 – 78.000 GHz	50/25 W[17]	6 MHz	77.501 – 78.000 GHz	10 W	6 MHz
	78.000 – 81.500 GHz[24]	50/25 W[17]	10 MHz	78.000 – 81.500 GHz[24]	10 W	10 MHz
2.5 mm	122.250 –122.251 GHz[12]	50/25 W[17]	6 MHz[4]	122.250 –122.251 GHz[12]	10 W	6 MHz[4]
	122.251 –123.000 GHz[11]	50/25 W[17]	2.7 kHz[23]	122.251 –123.000 GHz[11]	10 W	2.7 kHz[23]
2 mm	134.000 –134.928 GHz[11]	50/25 W[17]	6 MHz[23]	134.000 –134.928 GHz[11]	10 W	6 MHz[23]
	134.928 –134.930 GHz[12]	50/25 W[17]	2.7 kHz[4]	134.928 –134.930 GHz[12]	10 W	2.7 kHz[4]
	134.930 – 141.000 GHz	50/25 W[17]	10 MHz	134.930 – 141.000 GHz	10 W	10 MHz
1.2 mm	241.000 – 248.000 GHz	50/25 W[17]	10 MHz	241.000 – 248.000 GHz	10 W	10 MHz
	248.000 –248.001 GHz[11]	50/25 W[17]	2.7 kHz[23]	248.000 –248.001 GHz[11]	10 W	2.7 kHz[23]
	248.001 – 250.000 GHz	50/25 W[17]	10 MHz	248.001 – 250.000 GHz	10 W	10 MHz

Notes

1 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
2 CW
3 500 W for CEPT Licence with CW 12 wpm, 100 W for CEPT Licence without CW
4 CW, digital
5 CW, SSB, digital
6 Only for CEPT Licence with CW 12 wpm
7 Digital

[8] Beacon stations, reception only
[9] CW, SSB
[10] CW, SSB, beacon stations
[11] Satellite communication
[12] EME communication
[13] 100 W for CEPT licence with CW 12 wpm, 50 W for CEPT licence without CW
[14] MS communication
[15] 144.490–144.494 MHz: beacon stations, reception only
[16] Error in amateur radio regulations (BFRR): 144.794–*145.000* MHz
[17] 50 W for CEPT licence with CW 12 wpm, 25 W for CEPT licence without CW
[18] 432,491–432,493 MHz: beacon stations, reception only
[19] FM, digital voice
[20] Error in amateur radio regulations (BFRR): 433.400–*434.600* MHz
[21] CW, FM, digital
[22] CW, SSB, digital, beacon stations
[23] CW, SSB, FM, digital
[24] Error in amateur radio regulations (BFRR): *77.501*–81.500 GHz

Info

State Commission for Radio Frequencies under the Security Council of the Republic of Belarus – https://bfrr.net/download/Решение №19К_11 от 14 октября 2011г..pdf (current as of 2011-10-14); Belorusskaya Federaciya Radiolyubiteley i Radiosportsmenov (BFRR) – https://bfrr.net/download/plan.pdf (current as of 2020-10-29)

Belgium

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	ON/	ON/
Extensions	/M, /MM, /P (optional)	/M, /MM, /P (optional)
Equivalent national class	Class A	Class B

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any			
630 m	472.000 – 479.000 kHz	5 W EIRP	any			
	501.000 – 504.000 kHz	5 W EIRP	100 Hz[1]			
160 m	1.810 – 1.850 MHz	1500 W	any	1.810 – 2.000 MHz	100 W	any
	1.850 – 2.000 MHz	150 W	any			
80 m	3.500 – 3.800 MHz	1500 W	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP[2]	any			
40 m	7.000 – 7.200 MHz	1500 W	any	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	1500 W	any	10.100 – 10.150 MHz	100 W	any
20 m	14.000 – 14.350 MHz	1500 W	any	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	1500 W	any	18.068 – 18.168 MHz	100 W	any
15 m	21.000 – 21.450 MHz	1500 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1500 W	any	24.890 – 24.990 MHz	100 W	any
10 m	28.000 – 29.700 MHz	1500 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	200 W	any	50.000 – 52.000 MHz	100 W	any
4 m	69.950 MHz	10 W EIRP	10 kHz			
	70.1125 – 70.4125 MHz	50 W	any			
2 m	144.000 – 146.000 MHz	1500 W	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000 – 433.050 MHz	1500 W	any	430.000 – 440.000 MHz	50 W	any[3]
	433.050 – 434.790 MHz	200 W[4]	any			
	434.790 – 440.000 MHz	1500 W	any			
23 cm	1.240 – 1.270 GHz	200 W	any			
	1.270 – 1.300 GHz	200 W[5]	any			
13 cm	2.300 – 2.450 GHz	200 W	any			
9 cm						
6 cm	5.650 – 5.850 GHz	200 W	any			
3 cm	10.000 – 10.500 GHz	200 W	any			
1.2 cm	24.000 – 24.250 GHz	200 W	any			
6 mm	47.000 – 47.200 GHz	200 W	any			
4 mm	75.500 – 81.000 GHz	200 W	any			
2.5 mm	122.250 – 123.000 GHz	200 W	any			
2 mm	142.000 – 149.000 GHz	200 W	any			
1.2 mm	241.000 – 250.000 GHz	200 W	any			

Notes

1 A1A
2 Error in amateur radio regulations (BIPT): 15 W *ERP*
3 Any mode except ATV, DATV
4 ATV, DATV: 200 W EIRP
5 ATV, DATV: 20 W ERP

Info

Belgisch Instituut voor Postdiensten en Telecommunicatie (BIPT) – https://bipt.be/file/cc73d96153bbd5448a56f19d925d05b1379c7f21/ba05ea9d3611d44667462d979daa834bca246b0c/2019-05-24_RAM-besluit.pdf (current as of 2019-05-24); Unie van de Belgische Zendamateurs (UBA) – https://www.uba.be/nl/info/frequentie-vermogens (current as of 2023-02-08)

Bosnia and Hercegovina

Implementation	CEPT Licence					CEPT Novice Licence				
	T/R 61-01 implemented					ECC/REC/(05)06 implemented				
	HAREC									
	T/R 61-02 not implemented, but applied					ERC Report 32 applied				
Call sign prefix	E7/					E7/				
Extensions										
Equivalent national class	Class CEPT					Class N (Novice)				
Band	Frequency Range				Power (PEP)	Bandwidth/ Modes	Frequency Range			Power (PEP)	Bandwidth/ Modes
2200 m	135.700	–	137.800	kHz	1 W EIRP	CW					
630 m	472.000	–	479.000	kHz	1 W EIRP	CW					
160 m	1.810	–	1.830	MHz	1500 W	CW					
	1.830	–	2.000	MHz	1500 W	any					
80 m	3.500	–	3.800	MHz	1500 W	any					
60 m	5.3515	–	5.3665	MHz	15 W EIRP	any					
40 m	7.000	–	7.200	MHz	1500 W	any					
30 m	10.100	–	10.150	MHz	1500 W	CW					
20 m	14.000	–	14.350	MHz	1500 W	any					
17 m	18.068	–	18.168	MHz	1500 W	any					
15 m	21.000	–	21.450	MHz	1500 W	any					
12 m	24.890	–	24.990	MHz	1500 W	any					
10 m	28.000	–	29.700	MHz	1500 W	any					
6 m	50.000	–	52.000	MHz	1500 W	CW, SSB					
4 m	68.000	–	74.800	MHz	1500 W	any					
2 m	144.000	–	146.000	MHz	1500 W	any	144.500	–	146.000 MHz	150 W	any
70 cm	430.000	–	440.000	MHz	1500 W	any	432.500	–	434.825 MHz	150 W	any
23 cm	1.240	–	1.300	GHz	1500 W	any	1.286	–	1.286987 GHz	150 W	any
13 cm	2.300	–	2.450	GHz	1500 W	any					
9 cm	3.400	–	3.600	GHz	1500 W	any					
6 cm	5.650	–	5.850	GHz	1500 W	any					
3 cm	10.000	–	10.500	GHz	1500 W	any					
1.2 cm	24.000	–	24.250	GHz	1500 W	any					
6 mm	47.000	–	47.200	GHz	1500 W	any					
4 mm	75.500	–	84.000	GHz	1500 W	any					
2.5 mm	122.250	–	123.000	GHz	1500 W	any					
2 mm	134.000	–	141.000	GHz	1500 W	any					
1.2 mm	241.000	–	250.000	GHz	1500 W	any					

Info

Regulatorna agencija za komunikacije (RAK) – http://sluzbenenovine.ba/page/PdfDownload?BrojIzdanja=46&NivoIzdavanja_FK=1&GodinaIzdanja=2018 (current as of 2018-07-06); https://docs.rak.ba/articles/d3e27bf7-6afd-4abd-b262-6d8d8a36353e.pdf (current as of 2020-12-22)

Bulgaria

Implementation	**CEPT Licence**						**CEPT Novice Licence**	
	T/R 61-01 implemented						ECC/REC/(05)06 not implemented	
	HAREC							
	T/R 61-02 implemented							
Call sign prefix	LZ/							
Extensions	/AM, /M, /MM, /P (optional)							
Equivalent national class	Class 1							
Band	**Frequency Range**						**Power (PEP)**[1]	**Bandwidth/ Modes**[2]
2200 m	135.700	–	137.800	kHz			1 W EIRP	A1A
630 m	472.000	–	479.000	kHz			1 W EIRP	A1A
160 m	1.810	–	1.850	MHz			100 W	A1A, J3E
	1.850	–	2.000	MHz			10 W	A1A, J3E
80 m	3.500	–	3.800	MHz			350 W	any
60 m	5.250	–	5.3515	MHz			100 W	any
	5.3515	–	5.3665	MHz			15 W EIRP	any
	5.3665	–	5.450	MHz			100 W	any
40 m	7.000	–	7.200	MHz			350 W	any
30 m	10.100	–	10.150	MHz			350 W	[3]
20 m	14.000	–	14.350	MHz			350 W	any
17 m	18.068	–	18.168	MHz			350 W	any
15 m	21.000	–	21.450	MHz			350 W	any
12 m	24.890	–	24.990	MHz			350 W	any
10 m	28.000	–	29.700	MHz			350 W	any
6 m	50.000	–	50.9625	MHz			100 W	any
	51.5125	–	51.5375	MHz			100 W	any
4 m	70.000	–	70.500	MHz			50 W	[4]
2 m	144.000	–	146.000	MHz			150 W	any
70 cm	430.000	–	440.000	MHz			100 W	any
23 cm	1.240	–	1.300	GHz			50 W	any
13 cm	2.300	–	2.450	GHz			5 W	any
9 cm	3.400	–	3.500	GHz			5 W	any
6 cm	5.650	–	5.850	GHz			5 W	any
3 cm	10.000	–	10.500	GHz			1 W	any
1.2 cm	24.000	–	24.250	GHz			1 W	any
6 mm	47.000	–	47.200	GHz			1 W	any
4 mm	75.500	–	81.500	GHz			1 W	any
2.5 mm	122.250	–	123.000	GHz			1 W	any
2 mm	134.000	–	141.000	GHz			1 W	any
1.2 mm	241.000	–	250.000	GHz			1 W	any

Notes

[1] 1.81 MHz–1.3 GHz: maximum power 50 W PEP during mobile operation, 10 W PEP during portable operation

[2] Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

[3] A1A, J2A, J2B, J2C, J2D

[4] A1A, A1B, A1C, A1D, J3C, J3E, J3F

Info

Communications Regulation Commission (CRC) – https://crc.bg/files/Pravna/20220510_Pravila_radiolubiteli.pdf (current as of 2022-05-10)

*Canada

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted without guest licence
Call sign prefix	VE1/ Nova Scotia[1] VE2/ Quebec VE3/ Ontario VE4/ Manitoba VE5/ Saskatchewan VE6/ Alberta VE7/ British Columbia VE8/ Northwest Territories VE9/ New Brunswick VO1/ Newfoundland VO2/ Labrador VY1/ Yukon Territory VY2/ Prince Edward Island VYØ/ Nunavut Territory	VE1/ Nova Scotia[1] VE2/ Quebec VE3/ Ontario VE4/ Manitoba VE5/ Saskatchewan VE6/ Alberta VE7/ British Columbia VE8/ Northwest Territories VE9/ New Brunswick VO1/ Newfoundland VO2/ Labrador VY1/ Yukon Territory VY2/ Prince Edward Island VYØ/ Nunavut Territory
Extensions	/M, /P	/M, /P
Equivalent national class	CEPT Licence with CW 5 wpm: Advanced Qualification	CEPT Licence without CW, CEPT Novice Licence: Basic Qualification

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W EIRP	100 Hz			
630 m	472.000 – 479.000 kHz	5 W EIRP	1 kHz			
160 m	1.800 – 2.000 MHz	2250/750 W[2]	6 kHz			
80 m	3.500 – 4.000 MHz	2250/750 W[2]	6 kHz			
60 m	5.332 MHz	100 W ERP	2.8 kHz[3]			
	5.348 MHz	100 W ERP	2.8 kHz[3]			
	5.3515 – 5.3665 MHz	100 W ERP	2.8 kHz[3]			
	5.373 MHz	100 W ERP	2.8 kHz[3]			
	5.405 MHz	100 W ERP	2.8 kHz[3]			
40 m	7.000 – 7.300 MHz	2250/750 W[2]	6 kHz			
30 m	10.100 – 10.150 MHz	2250/750 W[2]	1 kHz			
20 m	14.000 – 14.350 MHz	2250/750 W[2]	6 kHz			
17 m	18.068 – 18.168 MHz	2250/750 W[2]	6 kHz			
15 m	21.000 – 21.450 MHz	2250/750 W[2]	6 kHz			
12 m	24.890 – 24.990 MHz	2250/750 W[2]	6 kHz			
10 m	28.000 – 29.700 MHz	2250/750 W[2]	20 kHz			
6 m	50.000 – 54.000 MHz	2250/750 W[2]	30 kHz	50.000 – 54.000 MHz	560/190 W[4]	30 kHz
4 m						
2 m	144.000 – 148.000 MHz	2250/750 W[2]	30 kHz	144.000 – 148.000 MHz	560/190 W[4]	30 kHz
1.25 m	219.000 – 220.000 MHz	2250/750 W[2]	100 kHz	219.000 – 220.000 MHz	560/190 W[4]	100 kHz
	222.000 – 225.000 MHz	2250/750 W[2]	100 kHz	222.000 – 225.000 MHz	560/190 W[4]	100 kHz
70 cm	430.000 – 450.000 MHz	2250/750 W[2]	12 MHz	430.000 – 450.000 MHz	560/190 W[4]	12 MHz
33 cm	902.000 – 928.000 MHz	2250/750 W[2]	12 MHz	902.000 – 928.000 MHz	560/190 W[4]	12 MHz
23 cm	1.240 – 1.300 GHz	2250/750 W[2]	any	1.240 – 1.300 GHz	560/190 W[4]	any
13 cm	2.300 – 2.450 GHz	2250/750 W[2]	any	2.300 – 2.450 GHz	560/190 W[4]	any
9 cm	3.300 – 3.500 GHz	2250/750 W[2]	any	3.300 – 3.500 GHz	560/190 W[4]	any
6 cm	5.650 – 5.925 GHz	2250/750 W[2]	any	5.650 – 5.925 GHz	560/190 W[4]	any
3 cm	10.000 – 10.500 GHz	2250/750 W[2]	any	10.300 – 10.500 GHz	560/190 W[4]	any
1.2 cm	24.000 – 24.250 GHz	2250/750 W[2]	any	24.000 – 24.050 GHz	560/190 W[4]	any
6 mm	47.000 – 47.200 GHz	2250/750 W[2]	any	47.000 – 47.200 GHz	560/190 W[4]	any
4 mm	76.000 – 81.500 GHz	2250/750 W[2]	any	76.000 – 81.500 GHz	560/190 W[4]	any
2.5 mm	122.250 – 123.000 GHz	2250/750 W[2]	any	122.250 – 123.000 GHz	560/190 W[4]	any
2 mm	134.000 – 141.000 GHz	2250/750 W[2]	any	134.000 – 141.000 GHz	560/190 W[4]	any
1.2 mm	241.000 – 250.000 GHz	2250/750 W[2]	any	241.000 – 250.000 GHz	560/190 W[4]	any

Notes

1 Guest licence and landing permission required for Sable Island (CYØ) and Saint Paul Island (CY9)
2 2250 W PEP for SSB, 750 W carrier power for all other modes
3 A1A, J2B, J2D, J3E only
4 560 W PEP for SSB, 190 W carrier power for all other modes

Info

Innovation, Science and Economic Development Canada – https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10650.html (current as of 2022-07-28)

Croatia

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented				ECC/REC/(05)06 implemented			
	HAREC							
	T/R 61-02 implemented				ERC Report 32 applied			
Call sign prefix	9A/				9A/			
Extensions								
Equivalent national class	Class A				Class P			
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**		**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	– 137.800 kHz		1 W EIRP	200 Hz				
630 m	472.000	– 479.000 kHz		1 W EIRP	200 Hz				
160 m	1.810	– 1.850 MHz		1500 W	2.7 kHz				
	1.850	– 2.000 MHz		1000 W	2.7 kHz				
80 m	3.500	– 3.800 MHz		1500 W	2.7 kHz	3.500 – 3.800 MHz		100 W	2.7 kHz
60 m	5.3515	– 5.3665 MHz		15 W EIRP	2.7 kHz				
40 m	7.000	– 7.200 MHz		1500 W	2.7 kHz	7.000 – 7.200 MHz		100 W	2.7 kHz
30 m	10.100	– 10.150 MHz		250 W	2.7 kHz[1]				
20 m	14.000	– 14.350 MHz		1500 W	2.7 kHz	14.040 – 14.150 MHz		100 W	2.7 kHz
						14.280 – 14.350 MHz		100 W	2.7 kHz
17 m	18.068	– 18.168 MHz		1500 W	2.7 kHz				
15 m	21.000	– 21.450 MHz		1500 W	2.7 kHz	21.000 – 21.450 MHz		100 W	2.7 kHz
12 m	24.890	– 24.990 MHz		1500 W	2.7 kHz				
10 m	28.000	– 29.700 MHz		1500 W	6 kHz	28.000 – 29.700 MHz		100 W	6 kHz
6 m	50.000	– 51.900 MHz		100 W	12 kHz				
4 m	70.000	– 70.450 MHz		10 W	12 kHz				
2 m	144.000	– 146.000 MHz		1500 W	20 kHz	144.000 – 146.000 MHz		100 W	20 kHz
1.25 m									
70 cm	430.000	– 440.000 MHz		1500 W	2/7 MHz[2]	430.000 – 440.000 MHz		100 W	2/7 MHz[2]
23 cm	1.240	– 1.300 GHz		1500 W	2/7/18 MHz[2]	1.240 – 1.300 GHz		100 W	2/7/18 MHz[2]
13 cm	2.300	– 2.450 GHz		150 W	10/20 MHz[2]	2.300 – 2.450 GHz		100 W	10/20 MHz[2]
9 cm	3.400	– 3.410 GHz		150 W	10 MHz				
6 cm	5.650	– 5.850 GHz		150 W	10/20 MHz[2]	5.650 – 5.850 GHz		100 W	10/20 MHz[2]
3 cm	10.000	– 10.500 GHz		150 W	10/20 MHz[2]	10.000 – 10.500 GHz		100 W	10/20 MHz[2]
1.2 cm	24.000	– 24.050 GHz		150 W	any	24.000 – 24.050 GHz		100 W	any
	24.050	– 24.250 GHz		150 W	10/20 MHz[2]	24.050 – 24.250 GHz		100 W	10/20 MHz[2]
6 mm	47.000	– 47.200 GHz		150 W	any	47.000 – 47.200 GHz		100 W	any
4 mm	76.000	– 81.000 GHz		150 W	10/20 MHz[2]	76.000 – 81.000 GHz		100 W	10/20 MHz[2]
2.5 mm	122.250	– 123.000 GHz		150 W	10/20 MHz[2]	122.250 – 123.000 GHz		100 W	10/20 MHz[2]
2 mm	134.000	– 141.000 GHz		150 W	10/20 MHz[2]	134.000 – 141.000 GHz		100 W	10/20 MHz[2]
1.2 mm	241.000	– 250.000 GHz		150 W	any	241.000 – 250.000 GHz		100 W	any

Notes

[1] A1A, F1B

[2] AM-ATV, DATV: 7 MHz; FM-ATV: 18/20 MHz

Info

Hrvatska agencija za poštu i elektroničke komunikacije (HAKOM) – https://www.hakom.hr/UserDocsImages/2022/propisi/Pravilnik%20o%20amaterskim%20radijskim%20komunikacijama%20NN%20150_22.pdf (current as of 2022-12-15)

Cyprus

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	5B/	
Extensions		
Equivalent national class	Amateur Radio License	

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	CW, FAX
630 m	472.000 – 479.000 kHz	1 W ERP	any
160 m	1.810 – 2.000 MHz	400 W	any
80 m	3.500 – 3.800 MHz	400 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	400 W	any
30 m	10.100 – 10.150 MHz	400 W	CW
20 m	14.000 – 14.350 MHz	400 W	any
17 m	18.068 – 18.168 MHz	400 W	any
15 m	21.000 – 21.450 MHz	400 W	any
12 m	24.890 – 24.990 MHz	400 W	any
10 m	28.000 – 29.700 MHz	400 W	any
6 m	50.000 – 52.000 MHz	400 W	any
4 m	69.900 – 70.500 MHz	400 W	any
2 m	144.000 – 146.000 MHz	400 W	any
70 cm	430.000 – 440.000 MHz	400 W	any
23 cm	1.240 – 1.300 GHz	400 W	any
13 cm	2.300 – 2.450 GHz	400 W	any
9 cm	3.400 – 3.410 GHz	400 W	any
6 cm	5.650 – 5.850 GHz	400 W	any
3 cm	10.000 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	400 W	any
4 mm	75.500 – 81.500 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 250.000 GHz	400 W	any

Info

Cyprus Amateur Radio Society (CARS) – https://www.cyhams.org/wp/?page_id=1250 (current as of 2018-02-20); Deputy Ministry of Research, Innovation and Digital Policy (DMRID) – https://dec.dmrid.gov.cy/dmrid/dec/ws_dec.nsf/72BBBE04F8C7FE17C225881A0027755D/$file/Radio_Frequency_Plan_E3.2_24.02.2023(English%20Unified%20Unofficial)_published.pdf (current as of 2023-02-24)

Czech Republic

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	OK/	OK/
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	Class A	Class N

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]
2200 m	135.700 – 137.800 kHz	1 W ERP	[2]			
630 m[3]	472.000 – 479.000 kHz					
160 m	1.715 – 1.800 MHz[3]			1.830 – 2.000 MHz	10 W	any
	1.810 – 1.850 MHz	750 W	any			
	1.850 – 1.890 MHz	75 W	any			
	1.890 – 2.000 MHz	10 W	any			
80 m	3.500 – 3.800 MHz	750 W	any	3.550 – 3.700 MHz	10 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	750 W	any			
30 m	10.100 – 10.140 MHz	750 W	[4]			
	10.140 – 10.150 MHz	750 W	[5]			
20 m	14.000 – 14.350 MHz	750 W	any			
17 m	18.068 – 18.168 MHz	750 W	any			
15 m	21.000 – 21.450 MHz	750 W	any	21.050 – 21.200 MHz	10 W	any
12 m	24.890 – 24.990 MHz	750 W	any			
10 m	28.000 – 29.700 MHz	750 W	any	28.050 – 28.400 MHz	10 W	any
6 m	50.000 – 52.000 MHz	25 W	any			
4 m[3]	70.100 – 70.300 MHz					
2 m	144.000 – 146.000 MHz	750 W	any	144.000 – 146.000 MHz	10 W	any
70 cm	430.000 – 440.000 MHz	750 W	any	430.000 – 440.000 MHz	10 W	any
23 cm	1.240 – 1.300 GHz	750 W	any	1.240 – 1.300 GHz	10 W	any
13 cm	2.300 – 2.450 GHz	750 W	any	2.300 – 2.450 GHz	10 W	any
9 cm	3.400 – 3.410 GHz	25 W	any	3.400 – 3.410 GHz	10 W	any
6 cm	5.650 – 5.850 GHz	750 W	any	5.650 – 5.850 GHz	10 W	any
3 cm	10.000 – 10.500 GHz	750 W	any	10.000 – 10.500 GHz	10 W	any
1.2 cm	24.000 – 24.250 GHz	750 W	any	24.000 – 24.250 GHz	10 W	any
6 mm	47.000 – 47.200 GHz	750 W	any	47.000 – 47.200 GHz	10 W	any
4 mm	75.500 – 81.000 GHz	750 W	any	75.500 – 81.000 GHz	10 W	any
2.5 mm	122.250 – 123.000 GHz	750 W	any	122.250 – 123.000 GHz	10 W	any
2 mm	134.000 – 141.000 GHz	750 W	any	134.000 – 141.000 GHz	10 W	any
1.2 mm	241.000 – 250.000 GHz	750 W	any	241.000 – 250.000 GHz	10 W	any

Notes

[1] Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
[2] A1A, F1A, G1A
[3] Bands listed in the National Frequency Plan (Plán přidělení kmitočtových pásem), but not mentioned in the amateur radio regulations
[4] A1A, F1A, G1A, J2A
[5] J1D, J2D, F1D, G1D

Info

Ministerstvo informatiky – https://www.zakonyprolidi.cz/cs/2005-156 (current as of 2005-05-01); Czech Telecommunication Office – https://www.ctu.eu/sites/default/files/obsah/stranky/60370/soubory/nkt2021p.pdf (current as of 2021-12-14); https://spektrum.ctu.cz/kmitocty?filter%5BserviceIds%5D%5B0%5D=1 (current as of 2022-11-14)

Denmark – Denmark, Faroe Islands

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark	OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Category A	Category B

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W ERP	2.1 kHz	135.700 – 137.800 kHz	1 W ERP	2.1 kHz
630 m	472.000 – 479.000 kHz	1 W ERP	8 kHz	472.000 – 479.000 kHz	1 W ERP	8 kHz
160 m	1.810 – 1.850 MHz	1000 W	8 kHz	1.810 – 1.850 MHz	100 W	8 kHz
	1.850 – 2.000 MHz	10 W	8 kHz	1.850 – 2.000 MHz	10 W	8 kHz
80 m	3.500 – 3.800 MHz	1000 W	8 kHz	3.500 – 3.800 MHz	100 W	8 kHz
60 m	5.250 – 5.450 MHz	1000 W	8 kHz	5.250 – 5.450 MHz	100 W	8 kHz
40 m	7.000 – 7.200 MHz	1000 W	8 kHz	7.000 – 7.200 MHz	100 W	8 kHz
30 m	10.100 – 10.150 MHz	1000 W	8 kHz	10.100 – 10.150 MHz	100 W	8 kHz
20 m	14.000 – 14.350 MHz	1000 W	8 kHz	14.000 – 14.350 MHz	100 W	8 kHz
17 m	18.068 – 18.168 MHz	1000 W	8 kHz	18.068 – 18.168 MHz	100 W	8 kHz
15 m	21.000 – 21.450 MHz	1000 W	8 kHz	21.000 – 21.450 MHz	100 W	8 kHz
12 m	24.890 – 24.990 MHz	1000 W	8 kHz	24.890 – 24.990 MHz	100 W	8 kHz
10 m	28.000 – 29.700 MHz	1000 W	8 kHz	28.000 – 29.700 MHz	100 W	8 kHz
6 m	50.000 – 52.000 MHz	1000 W	16 kHz	50.000 – 52.000 MHz	100 W	16 kHz
4 m	69.8875 – 70.0625 MHz	25 W	16 kHz	69.8875 – 70.0625 MHz	25 W	16 kHz
	70.0875 – 70.1125 MHz	25 W	16 kHz	70.0875 – 70.1125 MHz	25 W	16 kHz
	70.1375 – 70.5125 MHz	25 W	16 kHz	70.1375 – 70.5125 MHz	25 W	16 kHz
2 m	144.000 – 146.000 MHz	1000 W	16 kHz	144.000 – 146.000 MHz	100 W	16 kHz
70 cm	432.000 – 438.000 MHz	1000 W	any	432.000 – 438.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	250 W	any	1.240 – 1.300 GHz	100 W	any
13 cm	2.400 – 2.450 GHz	250 W	any	2.400 – 2.450 GHz	100 W	any
9 cm	3.400 – 3.410 GHz	250 W	any	3.400 – 3.410 GHz	100 W	any
6 cm	5.650 – 5.850 GHz	250 W	any	5.650 – 5.850 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	250 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	250 W	any	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	250 W	any	47.000 – 47.200 GHz	100 W	any
4 mm	76.000 – 81.500 GHz	250 W	any	76.000 – 81.500 GHz	100 W	any
2.5 mm	122.250 – 123.000 GHz	250 W	any	122.250 – 123.000 GHz	100 W	any
2 mm	134.000 – 141.000 GHz	250 W	any	134.000 – 141.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	250 W	any	241.000 – 250.000 GHz	100 W	any

Info

Retsinformation – https://www.retsinformation.dk/eli/lta/2022/740 (current as of 2022-05-25)

Denmark – Greenland

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	OX/ Grønland/Greenland	OX/ Grønland/Greenland
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Category A	Category B

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W ERP	2.1 kHz	135.700 – 137.800 kHz	1 W ERP	2.1 kHz
630 m	472.000 – 479.000 kHz	5 W ERP	2.1 kHz	472.000 – 479.000 kHz	5 W ERP	2.1 kHz
160 m	1.810 – 2.000 MHz	1000 W	8 kHz	1.810 – 2.000 MHz	100 W	8 kHz
80 m	3.500 – 3.800 MHz	1000 W	8 kHz	3.500 – 3.800 MHz	100 W	8 kHz
60 m	5.250 – 5.450 MHz	1000 W	8 kHz	5.250 – 5.450 MHz	100 W	8 kHz
40 m	7.000 – 7.300 MHz	1000 W	8 kHz	7.000 – 7.300 MHz	100 W	8 kHz
30 m	10.100 – 10.150 MHz	1000 W	8 kHz	10.100 – 10.150 MHz	100 W	8 kHz
20 m	14.000 – 14.350 MHz	1000 W	8 kHz	14.000 – 14.350 MHz	100 W	8 kHz
17 m	18.068 – 18.168 MHz	1000 W	8 kHz	18.068 – 18.168 MHz	100 W	8 kHz
15 m	21.000 – 21.450 MHz	1000 W	8 kHz	21.000 – 21.450 MHz	100 W	8 kHz
12 m	24.890 – 24.990 MHz	1000 W	8 kHz	24.890 – 24.990 MHz	100 W	8 kHz
10 m	28.000 – 29.700 MHz	1000 W	8 kHz	28.000 – 29.700 MHz	100 W	8 kHz
6 m	50.000 – 54.000 MHz	1000 W	16 kHz	50.000 – 54.000 MHz	100 W	16 kHz
4 m	70.000 – 70.500 MHz	1000 W	16 kHz	70.000 – 70.500 MHz	100 W	16 kHz
2 m	144.000 – 148.000 MHz	1000 W	16 kHz	144.000 – 148.000 MHz	100 W	16 kHz
70 cm	430.000 – 440.000 MHz	1000 W	any	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	250 W	any	1.240 – 1.300 GHz	100 W	any
13 cm	2.300 – 2.450 GHz	250 W	any	2.300 – 2.450 GHz	100 W	any
9 cm	3.400 – 3.500 GHz	250 W	any	3.400 – 3.500 GHz	100 W	any
6 cm	5.650 – 5.925 GHz	250 W	any	5.650 – 5.925 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	250 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	250 W	any	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	250 W	any	47.000 – 47.200 GHz	100 W	any
4 mm	76.000 – 81.500 GHz	250 W	any	76.000 – 81.500 GHz	100 W	any
2.5 mm	122.250 – 123.000 GHz	250 W	any	122.250 – 123.000 GHz	100 W	any
2 mm	134.000 – 141.000 GHz	250 W	any	134.000 – 141.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	250 W	any	241.000 – 250.000 GHz	100 W	any

Info

Telecommunications Authority of Greenland – https://bibliotek.edr.dk/wp-content/uploads/2020/04/B20200199905.pdf (current as of 2020-12-18)

Estonia

	CEPT Licence	CEPT Novice Licence
Implementation	T/R 61-01 implemented **HAREC** T/R 61-02 implemented	ECC/REC/(05)06 implemented ERC Report 32 not applied, but ECC Report 89 applied
Call sign prefix	ES1/ Tallinn ES2/ Harjumaa ES3/ Järvamaa, Läänemaa, Raplamaa ES4/ Ida-Virumaa, Lääne-Virumaa ES5/ Jõgevamaa, Tartumaa ES6/ Põlvamaa, Valgamaa, Võrumaa ES7/ Viljandimaa ES8/ Pärnumaa ESØ/ Hiiumaa, Saaremaa, islands	ES1/ Tallinn ES2/ Harjumaa ES3/ Järvamaa, Läänemaa, Raplamaa ES4/ Ida-Virumaa, Lääne-Virumaa ES5/ Jõgevamaa, Tartumaa ES6/ Põlvamaa, Valgamaa, Võrumaa ES7/ Viljandimaa ES8/ Pärnumaa ESØ/ Hiiumaa, Saaremaa, islands
Extensions	/AM, /M, /P (only handheld VHF/UHF/SHF equipment)	/AM, /M, /P (only handheld VHF/UHF/SHF equipment)
Equivalent national class	Class B	Class D

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[1]	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[1]
2200 m	135.700 – 137.800 kHz	1 W ERP	[2]			
630 m	472.000 – 479.000 kHz	1 W ERP	[2]			
160 m	1.810 – 1.850 MHz	100 W[3]	[4]			
	1.850 – 1.955 MHz	10 W ERP	[5]			
80 m	3.500 – 3.800 MHz	100 W[3]	[4]	3.500 – 3.800 MHz	10 W	[4]
60 m	5.3515 – 5.3665 MHz	15 W EIRP	[4]			
40 m	7.000 – 7.200 MHz	100 W[3]	[4]			
30 m	10.100 – 10.150 MHz	100 W[3]	[2]			
20 m	14.000 – 14.350 MHz	100 W[3]	[4]			
17 m	18.068 – 18.168 MHz	100 W[3]	[4]			
15 m	21.000 – 21.450 MHz	100 W[3]	[4]			
12 m	24.890 – 24.990 MHz	100 W[3]	[4]			
10 m	28.000 – 29.700 MHz	100 W[3]	[4]	28.000 – 29.700 MHz	10 W	[4]
6 m	50.000 – 52.000 MHz	100 W[3]	[4]	50.200 – 52.000 MHz	10 W	[4]
4 m	70.000 – 70.300 MHz	100 W[3] [6]	[4]	70.000 – 70.300 MHz	10 W	[4]
2 m	144.000 – 146.000 MHz	100 W[3]	[4]	144.000 – 146.000 MHz	10 W	[4]
70 cm	432.000 – 438.000 MHz	100 W[3]	[7]	432.000 – 438.000 MHz	10 W	[7]
23 cm	1.240 – 1.300 GHz	100 W[8]	[7]	1.240 – 1.300 GHz	10 W	[7]
13 cm	2.300 – 2.450 GHz	100 W[8]	[4]			
9 cm	3.400 – 3.401 GHz	100 W[8]	[4]			
6 cm	5.650 – 5.850 GHz	100 W[8]	[7]			
3 cm	10.000 – 10.500 GHz	100 W[8]	[7]			
1.2 cm	24.000 – 24.250 GHz					
6 mm	47.000 – 47.200 GHz					
4 mm	76.000 – 84.000 GHz					
2.5 mm	122.250 – 123.000 GHz					
2 mm	134.000 – 141.000 GHz					
1.2 mm	241.000 – 250.000 GHz					

Notes

1 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
2 CW, digital
3 1000 W PEP on application, special permission required
4 CW, phone, digital
5 CW, phone
6 100 W PEP in Ida-Virumaa
7 CW, phone, digital, ATV
8 1000 W PEP for A1A, F1B, J3E by CEPT licence with CW 5 wpm, 100 W PEP for all other classes of emission by CEPT licence with CW 5 wpm and CEPT licence without CW

Info

Minister of Economic Affairs and Communications – https://www.riigiteataja.ee/aktilisa/1050/4201/7001/MKM_31032017_m21_lisa.pdf# (current as of 2017-04-03); https://www.riigiteataja.ee/aktilisa/1250/1201/9006/MKM_22012019_m6lisa1.pdf (current as of 2017-10-26); https://www.riigiteataja.ee/akt/872993?leiaKehtiv (current as of 2019-03-01)

Finland

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 appplied
Call sign prefix	OH/ Suomi/Finland OHØ/ Åland/Ahvenanmaa/Aland Islands	OH/ Suomi/Finland OHØ/ Åland/Ahvenanmaa/Aland Islands
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Class Y (General)	Class P (Elementary)

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range[1]	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1500 W	8 kHz	1.810 – 1.850 MHz	120 W	8 kHz
	1.850 – 2.000 MHz	60 W[2]	8 kHz	1.850 – 2.000 MHz	60 W[2]	8 kHz
80 m	3.500 – 3.800 MHz	1500 W	8 kHz	3.500 – 3.800 MHz	120 W	8 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	8 kHz	5.3515 – 5.3665 MHz	15 W EIRP	8 kHz
40 m	7.000 – 7.200 MHz	1500 W	8 kHz	7.000 – 7.200 MHz	120 W	8 kHz
30 m	10.100 – 10.150 MHz	1500 W	1 kHz	10.100 – 10.150 MHz	120 W	1 kHz
20 m	14.000 – 14.350 MHz	1500 W	8 kHz	14.000 – 14.350 MHz	120 W	8 kHz
17 m	18.068 – 18.168 MHz	1500 W	8 kHz	18.068 – 18.168 MHz	120 W	8 kHz
15 m	21.000 – 21.450 MHz	1500 W	8 kHz	21.000 – 21.450 MHz	120 W	8 kHz
12 m	24.890 – 24.990 MHz	1500 W	8 kHz	24.890 – 24.990 MHz	120 W	8 kHz
10 m	28.000 – 29.700 MHz	1500 W	8 kHz	28.000 – 29.700 MHz	120 W	8 kHz
6 m	50.000 – 52.000 MHz	200 W[3 4]	18 kHz	50.000 – 52.000 MHz	120 W[5]	18 kHz
4 m[6]	70.000 – 70.050 MHz	25 W[7 8]	1 kHz	70.000 – 70.050 MHz	25 W[7 8]	1 kHz
	70.050 – 70.250 MHz	100 W[7 8]	18 kHz	70.050 – 70.250 MHz	30 W[7 8]	18 kHz
	70.250 – 70.300 MHz	25 W[7 8]	18 kHz	70.250 – 70.300 MHz	25 W[7 8]	18 kHz
2 m	144.000 – 144.150 MHz	150 W[9]	18 kHz	144.000 – 146.000 MHz	120 W[5]	18 kHz
	144.150 – 146.000 MHz	600 W[10]	18 kHz			
70 cm	432.000 – 432.150 MHz	600/150 W[9]	any	432.000 – 438.000 MHz	120 W[5]	any
	432.150 – 438.000 MHz	600 W[10]	any			
23 cm						
13 cm	2.300 – 2.450 GHz	600 W[10]	any	2.300 – 2.450 GHz	120 W[5]	any
9 cm	3.400 – 3.408 GHz	600 W[10]	any	3.400 – 3.408 GHz	120 W[5]	any
6 cm	5.650 – 5.850 GHz	600 W[10]	any	5.650 – 5.850 GHz	120 W[5]	any
3 cm	10.000 – 10.280 GHz	600 W[10]	any	10.000 – 10.280 GHz	120 W[5]	any
	10.368 – 10.370 GHz	600 W[10]	any	10.368 – 10.370 GHz	120 W[5]	any
	10.450 – 10.500 GHz	600 W[10]	any	10.450 – 10.500 GHz	120 W[5]	any
1.2 cm	24.000 – 24.250 GHz	600 W[10]	any	24.000 – 24.250 GHz	120 W[5]	any
6 mm	47.000 – 47.200 GHz	600 W[10]	any	47.000 – 47.200 GHz	120 W[5]	any
4 mm	76.000 – 81.500 GHz	600 W[10]	any	76.000 – 81.500 GHz	120 W[5]	any
2.5 mm	122.250 – 123.000 GHz	600 W[10]	any	122.250 – 123.000 GHz	120 W[5]	any
2 mm	134.000 – 141.000 GHz	600 W[10]	any	134.000 – 141.000 GHz	120 W[5]	any
1.2 mm	241.000 – 250.000 GHz	600 W[10]	any	241.000 – 250.000 GHz	120 W[5]	any

Notes

1 Only frequency ranges that are permitted in the home country
2 15 W carrier power/60 W PEP
3 150 W carrier power/200 W PEP
4 The electrical field emitted by amateur radio transmitters on the border of Finland and the Russian Federation at an altitude of 10 metres may not exceed +6dBuV/m during more than 10% of the time.
5 30 W carrier power/120 W PEP
6 No transmissions in the following municipalities: Lieksa, Ilomantsi, Joensuu, Kontiolahti, Polvijärvi, Juuka, Nurmes, Valtimo, Kuhmo, Hyrynsalmi, Suomussalmi, Ristijärvi and Sotkamo.
7 In an area closer than 50 km from the borders of the Russian Federation and Finland the main lobe of the transmitting antenna must not point into directions between 0 degrees and 180 degrees and the maximum transmitting power allowed is 25 W.
8 In an area closer than 50 km from the borders of Norway and Finland the maximum transmitting power allowed is 25 W.
9 600 W carrier power for A1A, digital modes, 150 W carrier power for other modes
10 150 W carrier power/600 W PEP

Info

Finnish Transport and Communications Agency (Traficom) – https://finlex.fi/fi/viranomaiset/normi/480001/45134 (current as of 2019-04-09); https://www.finlex.fi/data/normit/46934/5_Radio_frequency_regulation__4AB2021M.pdf (current as of 2021-04-22)

France – ITU Region 1

France, Mayotte, Réunion, Terres australes et antarctiques françaises (Archipel Crozet, Îles Éparses de l'océan Indien – Bassas da India, Europa, Glorieuses, Juan de Nova, Tromelin), Corsica

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	F/ Metropolitan France FH/ Mayotte FR/ Réunion Bassas da India[1] (also FT.B) Île Europa[1] (also FT.E) Îles Glorieuses[1] (also FT.G) Île Juan de Nova[1] (also FT.J) Île Tromelin[1] (also FT.T) FT/ Archipel Crozet[1] (FT.W) TK/ Corse/Corsica	
Extensions	/M, /MM, /P	
Equivalent national class	HAREC	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	500 W	6 kHz
80 m	3.500 – 3.800 MHz	500 W	6 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz
40 m	7.000 – 7.200 MHz	500 W	6 kHz
30 m	10.100 – 10.150 MHz	500 W	6 kHz
20 m	14.000 – 14.350 MHz	500 W	6 kHz
17 m	18.068 – 18.168 MHz	500 W	6 kHz
15 m	21.000 – 21.450 MHz	500 W	6 kHz
12 m	24.890 – 24.990 MHz	500 W	6 kHz
10 m	28.000 – 29.700 MHz	250 W	12 kHz
6 m	50.000 – 52.000 MHz	120 W[2]	12 kHz
4 m			
2 m	144.000 – 146.000 MHz	120 W	20 kHz
70 cm	430.000 – 440.000 MHz	120 W	20 kHz
23 cm	1.240 – 1.300 GHz	120 W	any
13 cm	2.300 – 2.450 GHz	120 W	any
9 cm			
6 cm	5.650 – 5.850 GHz	120 W	any
3 cm	10.000 – 10.500 GHz	120 W	any
1.2 cm	24.000 – 24.250 GHz	120 W	any
6 mm	47.000 – 47.200 GHz	120 W	any
4 mm	76.000 – 81.500 GHz	120 W	any
2.5 mm	122.250 – 123.000 GHz	120 W	any
2 mm	134.000 – 141.000 GHz	120 W	any
1.2 mm	241.000 – 250.000 GHz	120 W	any

Notes

1 Guest licence and landing permission required
2 50.200–51.200 MHz: regional restrictions

Info

Legifrance – https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220263 (current as of 2021-03-02); https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220189 (current as of 2021-03-02); Radio-Club de la Haute Île – http://f6kgl.f5kff.free.fr/Reglementation.pdf (current as of 2022-09-04)

France – ITU Region 2

Guadeloupe, St. Barthélémy, Martinique, Clipperton, St. Pierre & Miquelon, St. Martin, French Guyana

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	FG/ Guadeloupe FJ/ Saint-Barthélemy FM/ Martinique FO/ Clipperton[1] FP/ Saint-Pierre et Miquelon FS Saint-Martin FY Guyane Française/French Guyana	
Extensions	/M, /MM, /P	
Equivalent national class	HAREC	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.800 – 2.000 MHz	500 W	6 kHz
80 m	3.500 – 4.000 MHz	500 W	6 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz
40 m	7.000 – 7.300 MHz	500 W	6 kHz
30 m	10.100 – 10.150 MHz	500 W	6 kHz
20 m	14.000 – 14.350 MHz	500 W	6 kHz
17 m	18.068 – 18.168 MHz	500 W	6 kHz
15 m	21.000 – 21.450 MHz	500 W	6 kHz
12 m	24.890 – 24.990 MHz	500 W	6 kHz
10 m	28.000 – 29.700 MHz	250 W	12 kHz
6 m	50.000 – 54.000 MHz	120 W	12 kHz
4 m			
2 m	144.000 – 148.000 MHz	120 W	20 kHz
1.25 m	220.000 – 225.000 MHz	120 W	20 kHz
70 cm	430.000 – 440.000 MHz[2]	120 W	20 kHz
23 cm	1.240 – 1.300 GHz	120 W	any
13 cm	2.300 – 2.450 GHz	120 W	any
9 cm	3.300 – 3.500 GHz	120 W	any
6 cm	5.650 – 5.925 GHz	120 W	any
3 cm	10.000 – 10.500 GHz	120 W	any
1.2 cm	24.000 – 24.250 GHz	120 W	any
6 mm	47.000 – 47.200 GHz	120 W	any
4 mm	76.000 – 81.500 GHz	120 W	any
2.5 mm	122.250 – 123.000 GHz	120 W	any
2 mm	134.000 – 141.000 GHz	120 W	any
1.2 mm	241.000 – 250.000 GHz	120 W	any

Notes

[1] Guest licence and landing permission required

[2] 433.750–434.250 MHz excluded in Guadeloupe, St. Barthélémy, Martinique, St. Martin, French Guyana

Info

Legifrance – https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220263 (current as of 2021-03-02); https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220189 (current as of 2021-03-02); Radio-Club de la Haute Île – http://f6kgl.f5kff.free.fr/Reglementation.pdf (current as of 2022-09-04)

France – ITU Region 3

New Caledonia, French Polynesia, Terres australes et antarctiques françaises (Kerguelen, Adélie Land, St. Paul & New Amsterdam), Wallis & Futuna

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	FK/ Nouvelle Calédonie/New Caledonia[1] Chesterfield[2] FO/ Polynésie Française/French Polynesia[1] FT/ Îles Kerguelen[2] (FT.X) Terre-Adélie/Adélie Land[2] (FT.Y) Îles Saint-Paul et Nouvelle-Amsterdam[2] (FT.Z) FW/ Wallis et Futuna[1]	
Extensions	/M, /MM, /P	
Equivalent national class	HAREC	

Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W EIRP	1 kHz
630 m	472.000	–	479.000 kHz	1 W EIRP	1 kHz
160 m	1.810	–	1.830 MHz[3]	500 W	6 kHz
	1.830	–	2.000 MHz	500 W	6 kHz
80 m	3.500	–	3.900 MHz	500 W	6 kHz
60 m	5.3515	–	5.3665 MHz	15 W EIRP	6 kHz
40 m	7.000	–	7.200 MHz	500 W	6 kHz
30 m	10.100	–	10.150 MHz	500 W	6 kHz
20 m	14.000	–	14.350 MHz	500 W	6 kHz
17 m	18.068	–	18.168 MHz	500 W	6 kHz
15 m	21.000	–	21.450 MHz	500 W	6 kHz
12 m	24.890	–	24.990 MHz	500 W	6 kHz
10 m	28.000	–	29.700 MHz	250 W	12 kHz
6 m	50.000	–	54.000 MHz	120 W	12 kHz
4 m					
2 m	144.000	–	148.000 MHz	120 W	20 kHz
1.25 m					
70 cm	430.000	–	440.000 MHz	120 W	20 kHz
23 cm	1.240	–	1.300 GHz	120 W	any
13 cm	2.300	–	2.415 GHz	120 W	any
	2.415	–	2.450 GHz[5]	120 W	any
9 cm	3.300	–	3.500 GHz	120 W	any
6 cm	5.650	–	5.850 GHz	120 W	any
3 cm	10.000	–	10.500 GHz	120 W	any
1.2 cm	24.000	–	24.250 GHz	120 W	any
6 mm	47.000	–	47.200 GHz	120 W	any
4 mm	76.000	–	81.000 GHz	120 W	any
2.5 mm	122.250	–	123.000 GHz	120 W	any
2 mm	134.000	–	141.000 GHz	120 W	any
1.2 mm	241.000	–	250.000 GHz	120 W	any

Notes

[1] Guest licence required
[2] Guest licence and landing permission required
[3] Only French Polynesia
[5] Except islands of Tahiti, Mooréa in French Polynesia

Info

Legifrance – https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220263 (current as of 2021-03-02); https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220189 (current as of 2021-03-02); Radio-Club de la Haute Île – http://f6kgl.f5kff.free.fr/Reglementation.pdf (current as of 2022-09-04)

Georgia

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented

Germany

	CEPT Licence	**CEPT Novice Licence**
Implementation	T/R 61-01 implemented **HAREC** T/R 61-02 implemented	ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	DL/	DO/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Class A	Class E

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W ERP	800 Hz			
630 m	472.000 – 479.000 kHz	1 W ERP	800 Hz			
160 m	1.810 – 1.850 MHz	750 W	2.7 kHz	1.810 – 1.850 MHz	100 W	2.7 kHz
	1.850 – 1.890 MHz[1]	750[1] [4]/75 W	2.7 kHz	1.850 – 1.890 MHz[2]	100[2] [4]/75 W	2.7 kHz
	1.890 – 2.000 MHz[1]	750[1] [4]/10 W	2.7 kHz	1.890 – 2.000 MHz[2]	100[2] [4]/10 W	2.7 kHz
80 m	3.500 – 3.800 MHz	750 W	2.7 kHz	3.500 – 3.800 MHz	100 W	2.7 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	2.7 kHz			
40 m	7.000 – 7.200 MHz	750 W	2.7 kHz			
30 m	10.100 – 10.150 MHz	150 W	800 Hz			
20 m	14.000 – 14.350 MHz	750 W	2.7 kHz			
17 m	18.068 – 18.168 MHz	750 W	2.7 kHz			
15 m	21.000 – 21.450 MHz	750 W	2.7 kHz	21.000 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.990 MHz	750 W	2.7 kHz			
10 m	28.000 – 29.700 MHz	750 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz
6 m[3]	50.000 – 50.080 MHz[4]	750 W	12 kHz	50.000 – 50.400 MHz[4]	100 W	12 kHz
	50.080 – 50.400 MHz	750[4]/25 W ERP	12 kHz	50.400 – 52.000 MHz[4]	25 W	12 kHz
	50.400 – 51.000 MHz	25[4]/25 W ERP	12 kHz			
	51.000 – 52.000 MHz[4]	25 W	12 kHz			
4 m[3]	70.150 – 70.210 MHz[4]	25 W ERP	12 kHz			
2 m	144.000 – 146.000 MHz	750 W	40 kHz	144.000 – 146.000 MHz	75 W	40 kHz
70 cm	430.000 – 440.000 MHz	750 W	2 MHz[5]	430.000 – 440.000 MHz	75 W	2 MHz[5]
23 cm	1.240 – 1.300 GHz	750 W	2 MHz[6]			
13 cm	2.320 – 2.450 GHz	75 W	10 MHz[7]	2.320 – 2.450 GHz[4]	5 W	10 MHz[7]
9 cm	3.400 – 3.475 GHz	75 W	10 MHz[7]			
6 cm	5.650 – 5.850 GHz	75 W	10 MHz[7]	5.650 – 5.850 GHz[4]	5 W	10 MHz[7]
3 cm	10.000 – 10.500 GHz	75 W	10 MHz[7]	10.000 – 10.500 GHz	5 W	10 MHz[7]
1.2 cm	24.000 – 24.250 GHz	75 W	10 MHz[7]			
6 mm	47.000 – 47.200 GHz	75 W	10 MHz[7]			
4 mm	75.500 – 81.500 GHz	75 W	10 MHz[7]			
2.5 mm	122.250 – 123.000 GHz	75 W	10 MHz[7]			
2 mm	134.000 – 141.000 GHz	75 W	10 MHz[7]			
1.2 mm	241.000 – 250.000 GHz	75 W	any			
	444.000 – 453.000 GHz		Laser[8]	444.000 – 453.000 GHz		Laser[9]
	510.000 – 546.000 GHz		Laser[8]	510.000 – 546.000 GHz		Laser[9]
	711.000 – 730.000 GHz		Laser[8]	711.000 – 730.000 GHz		Laser[9]
	909.000 – 926.000 GHz		Laser[8]	909.000 – 926.000 GHz		Laser[9]
	945.000 – 951.000 GHz		Laser[8]	945.000 – 951.000 GHz		Laser[9]
	>956.000 GHz		Laser[8]	>956.000 GHz		Laser[9]

Notes

1 Contest operation on weekends only, 750 W PEP
2 Contest operation on weekends only, 100 W PEP
3 Horizontal polarisation
4 Valid until 2023-12-31
5 AM-ATV: 7 MHz
6 AM-ATV, D-ATV: 7 MHz, FM-ATV: 18 MHz
7 ATV: 20 MHz
8 Laser classes 1, 1M, 2, 2M, 3R, 3B
9 Laser classes 1, 1M, 2, 2M

Info

Bundesministerium der Justiz – http://bundesrecht.juris.de/bundesrecht/afuv_2005/gesamt.pdf (current as of 2013-08-07); Bundesnetzagentur – https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Mitteilung3862012NutzungFreqBereich472_479kHz.pdf (630 m; current as of 2012-06-19); https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Mitteilung_1699_2016_AFu_5351,5 – 5366,5_kHz.pdf (60 m; current as of 2016-12-15); https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/MitteilungNr6212009NutzgFreqBereich_Id17913pdf.pdf (40 m; current as of 2009-12-15); https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/VfgNr36_2006_zuletzt_geaendert%20mit%2064_2019.pdf (6 m; current as of 2019-05-24);

https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/vfg1102021.pdf (160 m, 6 m, 4 m, 13 cm, 6 cm; current as of 2022-12-21); https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Vfg142005NutzungsbedingungId1317pdf.pdf (Laser; current as of 2021-10-01)

Greece

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	SV/ Optional digit designating the region: SV1/ Attikí/Attica, Dytikí Elláda/Western Greece, Stereá Elláda/Central Greece SV2/ Dytikí Makedonía/Western Macedonia, Kentrikí Makedonía/Central Macedonia[1] SV3/ Pelopónnisos/Peloponnese SV4/ Thessalía/Thessaly SV5/ Dhodekánisos/Dodecanese SV6/ Ípiros/Epirus SV7/ Anatolikí Makedonía/East Macedonia, Thráki/Thrace SV8/ Ionian and Aegean Islands (except Dodecanese und Crete) SV9/ Kríti/Crete	
Extensions	/M, /MM, /P	
Equivalent national class	Class 1	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[2]
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 2.000 MHz	500 W	CW, SSB
80 m	3.500 – 3.600 MHz	500 W	CW, digital
	3.600 – 3.780 MHz	500 W	any
	3.780 – 3.800 MHz	500 W	CW, SSB
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	500 W	any
30 m	10.100 – 10.150 MHz	500 W	any
20 m	14.000 – 14.350 MHz	500 W	any
17 m	18.068 – 18.168 MHz	500 W	any
15 m	21.000 – 21.450 MHz	500 W	any
12 m	24.890 – 24.990 MHz	500 W	any
10 m	28.000 – 29.700 MHz	500 W	any
6 m	50.000 – 52.000 MHz	100 W	any[3]
4 m	70.000 – 70.350 MHz	100 W	any
2 m	144.000 – 146.000 MHz	100 W	any
70 cm	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	50 W	any
13 cm	2.300 – 2.450 GHz	50 W	any
9 cm[4]	5.650 – 5.850 GHz		
6 cm			
3 cm[4]	10.000 – 10.500 GHz		
1.2 cm	24.000 – 24.250 GHz	50 W	any
6 mm			
4 mm			
2.5 mm	122.250 – 123.000 GHz	50 W	any
2 mm	134.000 – 141.000 GHz	50 W	any
1.2 mm	241.000 – 250.000 GHz	50 W	any

Notes

1 Operation within Mount Athos is subject to the official written permission of the local administration of the holy community.
2 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
3 FM: 50.500–52.000 MHz only
4 Special permission required

Info

Ministry of Transport and Communication (YME) – https://www.yme.gr/imagebank/categories/ctg745_9_1192093566.pdf (current as of 2011-09-02); https://www.targ.gr/images/files/y-a-10800-310-4-3-2013.pdf (current as of 2013-03-21); Ministry of Digital Policy, Telecommunications and Media – https://raag.org/wp-content/uploads/2020/10/Εθνικός-Κανονισμός-Κατανομής-ζωνών-συχνοτήτων-2019.pdf (current as of 2019-03-05); Radio Amateur Association of Greece – https://raag.org/sv-operating (current as of 2022-03-19); https://raag.org/pinakas-syxnotiton-isxys/ (current as of 2022-02-13)

*Hong Kong

Implementation	CEPT Licence	CEPT Novice Licence
	T/R 61-01 not implemented	ECC/REC/(05)06 not implemented
	HAREC	
	T/R 61-02 implemented	

Hungary

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	HA/	HA/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	CEPT HAREC	CEPT Novice

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1 2]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1 2]
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz[3]			
630 m	472.000 – 479.000 kHz	1 W EIRP	200 Hz[3]			
160 m	1.810 – 1.838 MHz	1500 W	200 Hz[4]	1.810 – 1.838 MHz	200 W	200 Hz[4]
	1.838 – 1.840 MHz	1500 W	500 Hz[5]	1.838 – 1.840 MHz	200 W	500 Hz[6]
	1.840 – 1.843 MHz	1500 W	2.7 kHz[7]	1.840 – 1.843 MHz	200 W	2.7 kHz[8]
	1.843 – 1.850 MHz	1500 W	2.7 kHz[9]	1.843 – 1.850 MHz	200 W	2.7 kHz[10]
	1.850 – 2.000 MHz	10 W	2.7 kHz[9]			
80 m	3.500 – 3.570 MHz	1500 W	200 Hz[4]	3.500 – 3.570 MHz	200 W	200 Hz[4]
	3.570 – 3.580 MHz	1500 W	200 Hz[5]	3.570 – 3.580 MHz	200 W	200 Hz[5]
	3.580 – 3.600 MHz	1500 W	500 Hz[5]	3.580 – 3.600 MHz	200 W	500 Hz[5]
	3.600 – 3.620 MHz	1500 W	2.7 kHz[7]	3.600 – 3.620 MHz	200 W	2.7 kHz[11]
	3.620 – 3.800 MHz	1500 W	2.7 kHz[9]	3.620 – 3.800 MHz	200 W	2.7 kHz[11]
60 m	5.3515 – 5.354 MHz	15 W EIRP	200 Hz[12]			
	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz[13]			
	5.366 – 5.3665 MHz	15 W EIRP	20 Hz[12]			
40 m	7.000 – 7.040 MHz	1500 W	200 Hz[4]	7.000 – 7.040 MHz	200 W	200 Hz[4]
	7.040 – 7.050 MHz	1500 W	500 Hz[5]	7.040 – 7.050 MHz	200 W	500 Hz[5]
	7.050 – 7.060 MHz	1500 W	2.7 kHz[7]	7.050 – 7.200 MHz	200 W	2.7 kHz[14]
	7.060 – 7.200 MHz	1500 W	2.7 kHz[15]			
30 m	10.100 – 10.140 MHz	1500 W	200 Hz[4]			
	10.140 – 10.150 MHz	1500 W	500 Hz[5]			
20 m	14.000 – 14.070 MHz	1500 W	200 Hz[4]	14.000 – 14.070 MHz	200 W	200 Hz[4]
	14.070 – 14.099 MHz	1500 W	500 Hz[5]	14.070 – 14.099 MHz	200 W	500 Hz[5]
	14.099 – 14.101 MHz[16]	100 W		14.099 – 14.101 MHz[16]		
	14.101 – 14.112 MHz	1500 W	2.7 kHz[7]	14.101 – 14.112 MHz	200 W	2.7 kHz[17]
	14.112 – 14.350 MHz	1500 W	2.7 kHz[9]	14.112 – 14.350 MHz	200 W	2.7 kHz[18]
17 m	18.068 – 18.095 MHz	1500 W	200 Hz[4]			
	18.095 – 18.109 MHz	1500 W	500 Hz[5]			
	18.109 – 18.111 MHz[16]	100 W				
	18.111 – 18.120 MHz	1500 W	2.7 kHz[7]			
	18.120 – 18.168 MHz	1500 W	2.7 kHz[9]			
15 m	21.000 – 21.070 MHz	1500 W	200 Hz[4]	21.000 – 21.070 MHz	200 W	200 Hz[4]
	21.070 – 21.110 MHz	1500 W	500 Hz[5]	21.070 – 21.110 MHz	200 W	500 Hz[19]
	21.110 – 21.120 MHz	1500 W	2.7 kHz[20]	21.110 – 21.120 MHz	200 W	2.7 kHz[20]
	21.120 – 21.149 MHz	1500 W	500 Hz[5]	21.120 – 21.149 MHz	200 W	500 Hz[19]
	21.149 – 21.151 MHz[16]	100 W		21.149 – 21.151 MHz[16]		
	21.151 – 21.450 MHz	1500 W	2.7 kHz[9]	21.151 – 21.450 MHz	200 W	2.7 kHz[9]
12 m	24.890 – 24.915 MHz	1500 W	200 Hz[4]	24.890 – 24.915 MHz	200 W	200 Hz[4]
	24.915 – 24.929 MHz	1500 W	500 Hz[5]	24.915 – 24.929 MHz	200 W	500 Hz[21]
	24.929 – 24.931 MHz[16]	100 W		24.929 – 24.931 MHz[16]		
	24.931 – 24.940 MHz	1500 W	2.7 kHz[7]	24.931 – 24.990 MHz	200 W	2.7 kHz[18]
	24.940 – 24.990 MHz	1500 W	2.7 kHz[9]			
10 m	28.000 – 28.070 MHz	1500 W	200 Hz[4]	28.000 – 28.070 MHz	200 W	200 Hz[4]
	28.070 – 28.190 MHz	1500 W	500 Hz[5]	28.070 – 28.190 MHz	200 W	500 Hz[22]
	28.190 – 28.225 MHz[16]	100 W		28.190 – 28.225 MHz[16]		
	28.225 – 28.300 MHz	1500 W	2.7 kHz[9]	28.225 – 29.100 MHz	200 W	2.7 kHz[23]
	28.300 – 28.320 MHz	1500 W	2.7 kHz[7]	29.100 – 29.200 MHz	200 W	6 kHz[23]
	28.320 – 29.100 MHz	1500 W	2.7 kHz[9]	29.200 – 29.510 MHz	200 W	6 kHz[24]
	29.100 – 29.200 MHz	1500 W	6 kHz[9]	29.510 – 29.520 MHz[27]		
	29.200 – 29.300 MHz	1500 W	6 kHz[25]	29.520 – 29.700 MHz	200 W	6 kHz[24]
	29.300 – 29.510 MHz	1500 W	6 kHz[26]			
	29.510 – 29.520 MHz[27]					
	29.520 – 29.700 MHz	1500 W	6 kHz[26]			
6 m	50.000 – 50.100 MHz	10 W ERP	500 Hz[28]			
	50.100 – 50.500 MHz	10 W ERP	2.7 kHz[7]			
	50.500 – 52.000 MHz	10 W ERP	12 kHz[13]			
4 m	70.000 – 70.500 MHz	10 W ERP	12 kHz[13]			
2 m	144.000 – 144.110 MHz	1000 W	500 Hz[4]	144.000 – 144.110 MHz	200 W	500 Hz[4]
	144.110 – 144.150 MHz	1000 W	500 Hz[5]	144.110 – 144.150 MHz	200 W	500 Hz[5]
	144.150 – 144.180 MHz	1000 W	2.7 kHz[29]	144.150 – 144.180 MHz	200 W	2.7 kHz[29]
	144.180 – 144.360 MHz	1000 W	2.7 kHz[30]	144.180 – 144.360 MHz	200 W	2.7 kHz[30]

	144.360 – 144.400 MHz	1000 W	2.7 kHz[29]	144.360 – 144.400 MHz	200 W	2.7 kHz[29]
	144.400 –144.490 MHz[16]	100 W	500 Hz	144.400 –144.490 MHz[16]		
	144.500 – 144.794 MHz	1000 W	20 kHz[13]	144.500 – 144.794 MHz	200 W	20 kHz[13]
	144.794 – 144.990 MHz	1000 W	12 kHz[31]	144.794 – 144.990 MHz	200 W	12 kHz[31]
	144.990 –145.194 MHz[32]	1000 W	12 kHz[33]	144.990 –145.194 MHz[32]	200 W	12 kHz[33]
	145.194 – 145.594 MHz	1000 W	12 kHz[33]	145.194 – 145.594 MHz	200 W	12 kHz[33]
	145.594 –145.794 MHz[34]	1000 W	12 kHz[33]	145.594 –145.794 MHz[34]		
	145.794 – 145.806 MHz	1000 W	12 kHz[33]	145.794 – 145.806 MHz	200 W	12 kHz[33]
	145.806 – 146.000 MHz	1000 W	12 kHz[13]	145.806 – 146.000 MHz	200 W	12 kHz[13]
70 cm	430.000 – 432.000 MHz	25 W	12 kHz[35]	430.000 – 432.000 MHz	10 W	12 kHz[35]
	432.000 – 432.100 MHz	1000 W	500 Hz[4]	432.000 – 432.100 MHz	100 W	500 Hz[4]
	432.100 – 432.400 MHz	1000 W	2.7 kHz[29]	432.100 – 432.400 MHz	100 W	2.7 kHz[29]
	432.400 –432.500 MHz[16]	100 W	500 Hz	432.400 –432.500 MHz[16]		
	432.500 – 432.994 MHz	1000 W	12 kHz[13]	432.500 – 432.994 MHz	100 W	12 kHz[13]
	432.994 – 433.600 MHz	1000 W	12 kHz[33]	432.994 – 433.600 MHz	100 W	12 kHz[33]
	433.600 – 438.000 MHz	1000 W	20 kHz[13]	433.600 – 438.000 MHz	100 W	20 kHz[13]
	438.000 –440.000 MHz[34]	25 W	20 kHz[33]			
23 cm	1.240 – 1.24325 GHz	500 W	20 kHz[13]	1.290994 –1.291494 GHz[32]	50 W	12 kHz[33]
	1.24325 – 1.260 GHz	500 W	[36] [37]	1.297494 – 1.298 GHz	50 W	12 kHz[33]
	1.260 – 1.270 GHz	500 W	[13] [37]			
	1.270 – 1.272 GHz	500 W	20 kHz[13]			
	1.272 –1.290994 GHz	500 W	[36] [37]			
	1.290994 –1.291494 GHz[32]	500 W	12 kHz[33]			
	1.291494 – 1.296 GHz	500 W	[13] [37]			
	1.296 – 1.29615 GHz	500 W	500 Hz[5]			
	1.29615 – 1.2968 GHz	500 W	2.7 kHz[29]			
	1.2968 –1.296994 GHz[16]	100 W	500 Hz			
	1.296994 –1.297494 GHz[34]	50 W	12 kHz[33]			
	1.297494 – 1.298 GHz	500 W	12 kHz[33]			
	1.298 – 1.300 GHz	500 W	20 kHz[13]			
13 cm	2.300 – 2.320 GHz	150 W	[13] [37]			
	2.320 – 2.32015 GHz	150 W	[4] [37]			
	2.32015 – 2.3208 GHz	150 W	[30] [37]			
	2.3208 – 2.321 GHz[16]	100 W	[37]			
	2.321 – 2.322 GHz	150 W	[37] [38]			
	2.322 – 2.450 GHz	150 W	[13] [37]			
9 cm						
6 cm	5.650 – 5.668 GHz	75 W	[13] [37]			
	5.668 – 5.670 GHz	75 W	[12] [37]			
	5.670 – 5.700 GHz	75 W	[31] [37]			
	5.700 – 5.720 GHz	75 W	[36] [37]			
	5.720 – 5.760 GHz	75 W	[13] [37]			
	5.760 – 5.762 GHz	75 W	[12] [37]			
	5.762 – 5.850 GHz	75 W	[13] [37]			
3 cm	10.000 – 10.150 GHz	75 W	[31] [37]			
	10.150 – 10.250 GHz	75 W	[13] [37]			
	10.250 – 10.350 GHz	75 W	[31] [37]			
	10.350 – 10.368 GHz	75 W	[13] [37]			
	10.368 – 10.370 GHz	75 W	[12] [37]			
	10.370 – 10.500 GHz	75 W	[13] [37]			
1.2 cm	24.000 – 24.048 GHz	30 W	[13] [37]			
	24.048 – 24.050 GHz	30 W	[12] [37]			
	24.050 – 24.250 GHz	30 W	[13] [37]			
6 mm	47.000 – 47.002 GHz	30 W	[12] [37]			
	47.002 – 47.200 GHz	30 W	[13] [37]			
4 mm	76.000 – 77.500 GHz	30 W	[13] [37]			
	77.500 – 77.501 GHz	30 W	[12] [37]			
	77.501 – 81.500 GHz	30 W	[13] [37]			
2.5 mm	122.250 – 122.251 GHz	30 W	[12] [37]			
	122.251 – 123.000 GHz	30 W	[13] [37]			
2 mm	134.000 – 134.001 GHz	30 W	[12] [37]			
	134.001 – 141.000 GHz	30 W	[13] [37]			
1.2 mm	241.000 – 248.000 GHz	30 W	[13] [37]			
	248.000 – 248.001 GHz	30 W	[12] [37]			
	248.001 – 250.000 GHz	30 W	[13] [37]			

Notes

1 Bandwidth and modes according to IARU Region 1 band plan (please refer to the list at the end of this document)
2 A1A, A2A, F1A, F2A, J2A: always only for CEPT Licence/CEPT Novice Licence with CW examination
3 Digital, telegraphy (A1A, A1D, F1D)
4 Telegraphy (A1A)
5 Digital, telegraphy (A1A, A1B, A1D, F1A, F1B, F1D)
6 Digital, telegraphy (A1A, A1B, F1D)
7 Digital, telephony, telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F, J2A, J2B, J2D, J2E, J3E, R3E)

[8] Digital, telephony, telegraphy (A1A, A1B, F1D, J3E)
[9] Telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
[10] Telephony, telegraphy (A1A, A1B, J2E, J3E)
[11] Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, J2A, J2B, J2E, J3E)
[12] Telegraphy, narrowband modes (A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, F1A, F1B, F1C, F1D, F2A, F2B, F2C, F2D, F3C, F3E, F3F, J2A, J2B, J2C, J2D, J2E, J3C, J3E, R3E)
[13] Any mode (A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, F1A, F1B, F1C, F1D, F2A, F2B, F2C, F2D, F3C, F3E, F3F, J2A, J2B, J2C, J2D, J2E, J3C, J3E, J3F, R3E)
[14] Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F1D, J2A, J2B, J2E, J3E)
[15] Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F1D, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
[16] Beacons stations, reception only
[17] Digital, telephony, telegraphy (A1A, F1D, J3E)
[18] Telephony, telegraphy (A1A, J3E)
[19] Digital, telegraphy (A1A, A1B, F1A, F1B, F1D)
[20] Digital, telephony (except SSB), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F)
[21] Digital, telegraphy (A1A, F1D)
[22] Digital, telegraphy (A1A, A1B, F1A, F1B)
[23] Telephony (F3E, J3E, R3E)
[24] Telephony (A3E, F3E, J3E, R3E)
[25] Digital, telephony, telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, A3E, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F, J2A, J2B, J2D, J2E, J3E, R3E)
[26] Telephony, telegraphy (A1A, A1B, A2A, A2B, A3E, F1A, F1B, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
[27] Guard band
[28] Telegraphy (A1A, F1A)
[29] Digital, telephony (SSB), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, J2A, J2B, J2D, J2E, J3E, R3E)
[30] Telephony (SSB), telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F2A, F2B, J2A, J2B, J2E, J3E, R3E)
[31] Digital (A1D, A2D, F1D, F2D, J2D)
[32] FM repeater stations (input)
[33] Telephony (FM) (F3E)
[34] FM repeater stations (output) (error in amateur radio regulations: 145,594-145,794 MHz: repeater stations [*input]*)
[35] Digital, telephony (SSB, FM repeater stations [input]), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E (repeater stations [input]), J2A, J2B, J2D, J2E, J3E, R3E)
[36] ATV (F3F, J3F)
[37] Bandwidth not greater than necessary
[38] Telephony (NBFM) (F3E)

Info

Nemzeti Média- és Hírközlési Hatóság (NMHH) – http://www.kozlonyok.hu/nkonline/MKPDF/hiteles/MK18074.pdf (current as of 2018-05-29); https://njt.hu/jogszabaly/2013-15-20-3H (current as of 2018-07-21); https://stir.nmhh.hu/publicview/?p=d&name=3melleklet (current as of 2022-10-07); https://stir.nmhh.hu/publicview/?p=s&t=2&r=1720 (current as of 2023-05-11)

Iceland

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	TF/	TF/
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	Class G	Class N

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	100 W	1 kHz			
630 m	472.000 – 479.000 kHz	5 W EIRP	1 kHz	472.000 – 479.000 kHz	5 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1000 W	6 kHz	1.810 – 1.850 MHz	100 W	6 kHz
	1.850 – 1.900 MHz[1]	1000 W	6 kHz	1.850 – 1.900 MHz[1]	10 W	6 kHz
	1.900 – 2.000 MHz	10 W	6 kHz	1.900 – 2.000 MHz	10 W	6 kHz
80 m	3.500 – 3.800 MHz	1000 W	6 kHz	3.500 – 3.800 MHz	100 W	6 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	3 kHz	5.3515 – 5.3665 MHz	15 W EIRP	3 kHz
40 m	7.000 – 7.200 MHz	1000 W	6 kHz	7.000 – 7.200 MHz	100 W	6 kHz
30 m	10.100 – 10.150 MHz	1000 W	1 kHz	10.100 – 10.150 MHz	100 W	1 kHz
20 m	14.000 – 14.350 MHz	1000 W	6 kHz	14.000 – 14.350 MHz	100 W	6 kHz
17 m	18.068 – 18.168 MHz	1000 W	6 kHz	18.068 – 18.168 MHz	100 W	6 kHz
15 m	21.000 – 21.450 MHz	1000 W	6 kHz	21.000 – 21.450 MHz	100 W	6 kHz
12 m	24.890 – 24.990 MHz	1000 W	6 kHz	24.890 – 24.990 MHz	100 W	6 kHz
10 m	28.000 – 29.700 MHz	1000 W	18 kHz	28.000 – 29.700 MHz	100 W	18 kHz
6 m	50.000 – 52.000 MHz	100 W	18 kHz	50.000 – 52.000 MHz	50 W	18 kHz
4 m[2]	70.000 – 70.250 MHz	100 W	16 kHz			
2 m	144.000 – 146.000 MHz	500 W	18 kHz	144.000 – 146.000 MHz	50 W	18 kHz
70 cm	430.000 – 440.000 MHz	500 W	30 kHz	430.000 – 440.000 MHz	50 W	30 kHz
23 cm	1.240 – 1.300 GHz	100 W	20 MHz	1.240 – 1.300 GHz	50 W	20 MHz
13 cm	2.300 – 2.450 GHz	100 W	20 MHz	2.300 – 2.450 GHz	50 W	20 MHz
9 cm						
6 cm	5.650 – 5.850 GHz	100 W	20 MHz	5.650 – 5.850 GHz	50 W	20 MHz
3 cm	10.000 – 10.500 GHz	100 W	50 MHz	10.000 – 10.500 GHz	50 W	50 MHz
1.2 cm	24.000 – 24.250 GHz	100 W	50 MHz	24.000 – 24.250 GHz	50 W	50 MHz
6 mm	47.000 – 47.200 GHz	100 W	50 MHz	47.000 – 47.200 GHz	50 W	50 MHz
4 mm	76.000 – 81.000 GHz	100 W	100 MHz	76.000 – 81.000 GHz	50 W	100 MHz
2.5 mm	122.250 – 123.000 GHz	100 W	40 MHz	122.250 – 123.000 GHz	50 W	40 MHz
2 mm	134.000 – 141.000 GHz	100 W	100 MHz	134.000 – 141.000 GHz	50 W	100 MHz
1.2 mm	241.000 – 250.000 GHz	100 W	100 MHz	241.000 – 250.000 GHz	50 W	100 MHz

Notes

[1] Contest operation, special permission required
[2] Special permission required, valid until 2024-12-31

Info

Reglugerðasafn – https://www.reglugerd.is/reglugerdir/eftir-raduneytum/srn/nr/3732 (current as of 2004-04-19);
https://www.reglugerd.is/reglugerdir/eftir-raduneytum/samgonguraduneyti/nr/20871 (current as of 2017-12-22);
https://www.stjornartidindi.is/DocumentActions.aspx?ActionType=Open&documentID=fb544925-7784-49dc-aecd-62e6061c7cc0 (current as of 2018-01-15)

Ireland

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	EI/	
Extensions	/M, /MM	
Equivalent national class	CEPT Licence with CW 5 wpm: CEPT Class 1 CEPT Licence without CW: CEPT Class 2	

Band	Frequency Range			Power (PEP)[1]	Bandwidth/ Modes	
2200 m	135.700	–	137.800 kHz	1 W EIRP		2
630 m	472.000	–	479.000 kHz	5 W EIRP		2
160 m	1.810	–	1.850 MHz	400 W		3
	1.850	–	2.000 MHz	10 W		3
80 m	3.500	–	3.800 MHz	400 W[4]		5
60 m[6]	5.3515	–	5.3665 MHz	15 W EIRP		7
40 m	7.000	–	7.200 MHz	400 W[4]		5
30 m	10.100	–	10.130 MHz	400 W		8
	10.130	–	10.150 MHz	400 W		9
20 m	14.000	–	14.350 MHz	400 W[4]		5
17 m	18.068	–	18.168 MHz	400 W[4]		5
15 m	21.000	–	21.450 MHz	400 W[4]		5
12 m	24.890	–	24.990 MHz	400 W[4]		5
10 m	28.000	–	29.700 MHz	400 W[4]		5
8 m	30.000	–	49.000 MHz	50 W		10
6 m	50.000	–	52.000 MHz	100 W		5
4 m	54.000	–	69.900 MHz	50 W		11
	69.900	–	70.500 MHz	50 W[12]		5
2 m	144.000	–	146.000 MHz	400 W[4]		5
70 cm	430.000	–	432.000 MHz	50 W		5
	432.000	–	440.000 MHz	400 W		5
23 cm[12]	1.240	–	1.300 GHz	158 W		5
13 cm[13]	2.300	–	2.400 GHz	158 W		5
9 cm						
6 cm	5.570	–	5.850 GHz	158 W		6
3 cm	10.000	–	10.500 GHz[15]	158 W		6
1.2 cm	24.000	–	24.050 GHz	50 W		5
6 mm	47.000	–	47.200 GHz	50 W		5
4 mm	76.000	–	81.000 GHz	50 W		5
2.5 mm						
2 mm	134.000	–	141.000 GHz	50 W		5
1.2 mm	241.000	–	250.000 GHz	50 W		5

Notes

1 Maximum power during mobile operation 50 W PEP; maximum power during maritime mobile operation 10 W PEP
2 CW, QRSS, narrow band digital modes (A1A, J3E, G1B)
3 CW, narrow band modes (A1A, A2A, A3E, R3E, H3E, J3E, F1B, F2B, F3E, G1B)
4 Maximum power during operation on islands within harbour areas: 50 W PEP
5 Any mode including digital, automatic stations (A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F1B, F2B, F3E, G1B)
6 5.000–5.500 MHz: operation with special permission only with the following spot frequencies permitted for transmission: 5.280, 5.300, 5.332, 5.348, 5.400, 5.405 MHz in CW (A1A), SSB (J3E), PM (G1B) with 200 W PEP
7 Any mode including digital (A1A, A2A, A3E, R3E, H3E, J3E, F1B, F2B, F3E)
8 CW (A1A)
9 Narrow band modes, digital (A2A, J2B, J2F, F1B, F2B, G1B)
10 Any mode including digital (A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F2B, F3E, G1B)
11 Any mode including digital, ATV (A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F2B, F3E, F2D, G1B, X7F)
12 70.125–70.450 MHz: maximum power during mobile operation 25 W PEP
13 1.300–1.304 GHz: repeater stations
14 2.400–2.450 GHz: satellite communication
15 10.270–10.300 GHz: no amateur radio operation

Info

Commission for Communications Regulation (ComReg) – https://www.comreg.ie/media/2023/05/ComReg-0945R5.pdf (current as of 2023-05-22)

*Israel

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented, but guest licence available[1]
Call sign prefix	4X/	
Extensions		
Equivalent national class	Class B	

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m			
630 m			
160 m	1.810 – 1.850 MHz	250 W	any[2]
	1.850 – 2.000 MHz	10 W	any[3]
80 m	3.500 – 3.800 MHz	250 W	any[2]
60 m	5.3515 – 5.3665 MHz	25 W	3 kHz[4]
40 m	7.000 – 7.200 MHz	250 W	any[2]
30 m	10.100 – 10.150 MHz	250 W	any[5]
20 m	14.000 – 14.350 MHz	250 W	any[2]
17 m	18.068 – 18.168 MHz	250 W	any[3]
15 m	21.000 – 21.450 MHz	250 W	any[2]
12 m	24.890 – 24.990 MHz	250 W	any[2]
10 m	28.000 – 29.700 MHz	250 W	any[2]
6 m	50.000 – 50.400 MHz	25 W	250 kHz[3]
4 m	70.000 – 70.500 MHz	100 W	any[3]
2 m	144.000 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	150 W	any
23 cm			
13 cm	2.320 – 2.340 GHz	15 W	any
	2.400 – 2.402 GHz	100 W	any
	2.402 – 2.450 GHz[6]	100 mW	any
9 cm			
6 cm			
3 cm	10.450 – 10.500 GHz	25 W	any
1.2 cm	24.000 – 24.050 GHz	15 W	any
6 mm	47.000 – 47.200 GHz	15 W	any
4 mm	76.000 – 77.500 GHz	15 W	any
	78.000 – 81.000 GHz	15 W	any
2.5 mm			
2 mm			
1.2 mm	248.000 – 250.000 GHz	15 W	any

Notes

1 Guest licence via https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur_Reciprocal-Amateur-Radio-License.docx
2 CW (A1A), AM (A3A), SSB (J3E, R3E), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
3 CW (A1A), SSB (J3E, R3E), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
4 CW (150 Hz), SSB (2,8 kHz), RTTY (300 Hz), PSK31 (60 Hz), PSK63 (125 Hz), PSK125 (250 Hz)
5 CW (A1A), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
6 Satellite communication

Info

Ministry of Communications – https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur_terms-of-allocation-of-frequency-band.pdf (current as of 2022-08-08)

Italy

Implementation

CEPT Licence

T/R 61-01 implemented

HAREC

T/R 61-02 implemented

CEPT Novice Licence

ECC/REC/(05)06 not implemented

Call sign prefix

I/

Optional digit or letter/digit combination designating the region:

I1/ Liguria, Piemonte/Piedmont
IX1/ Valle d'Aosta/Aosta Valley
I2/ Lombardia/Lombardy
I3/ Friuli Venezia Giulia
IN3/ Trentino-Alto Adige
IV3/ Venezia Euganea
I4/ Emilia-Romagna
I5/ Toscana/Tuscany
I6/ Abruzzo, Marche
I7/ Basilicata (province of Matera), Puglia/Apulia
I8/ Basilicata (province of Potenza), Calabria, Campania, Molise
IT9/ Sicilia/Sicily
IØ/ Lazio, Umbria
ISØ/ Sardegna/Sardinia

Tolerated letter/digit combination designating the island or group of islands:

IA5/ Isole Toscane/Tuscan Archipelago
IJ7/ Arcipelago delle Cheradi/Cheradi Islands
IL7/ Isole Tremiti/Trimiti Island
IC8/ Isole Napoletane/Islands of Naples Bay
ID9/ Isole Eolie/Aeolian Islands
IE9/ Isola di Ustica/Ustica Island
IF9/ Isole Egadi/Aegadian Islands
IG9/ Isole Pelagie/Pelagie Islands
IH9/ Isola di Pantelleria/Pantelleria Island
IBØ/ Isole Ponziane/Pontine Islands
IMØ/ Isole della Sardegna/Islands of Sardinia

Extensions

/M, /P (optional)

Equivalent national class

Class A

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W EIRP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.830 – 1.850 MHz	500 W	any
80 m	3.500 – 3.800 MHz	500 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	500 W	any
30 m	10.100 – 10.150 MHz	500 W	CW
20 m	14.000 – 14.350 MHz	500 W	any
17 m	18.068 – 18.168 MHz	500 W	any
15 m	21.000 – 21.450 MHz	500 W	any
12 m	24.890 – 24.990 MHz	500 W	any
10 m	28.000 – 29.700 MHz	500 W	any
6 m	50.000 – 52.000 MHz	500 W	any[1]
4 m			
2 m	144.000 – 146.000 MHz	500 W	any
70 cm	430.000 – 434.000 MHz	500 W	any
	435.000 – 438.000 MHz	500 W	any
23 cm	1.240 – 1.245 GHz	500 W	any
	1.260 – 1.298 GHz	500 W	any
13 cm	2.300 – 2.450 GHz	500 W	any
9 cm			
6 cm	5.650 – 5.670 GHz	500 W	any
	5.760 – 5.770 GHz	500 W	any
	5.830 – 5.850 GHz	500 W	any
3 cm	10.300 – 10.500 GHz	500 W	any
1.2 cm	24.000 – 24.050 GHz	500 W	any
6 mm	47.000 – 47.200 GHz	500 W	any
4 mm	76.000 – 81.500 GHz	500 W	any
2.5 mm	122.500 – 123.000 GHz	500 W	any
2 mm	134.000 – 141.000 GHz	500 W	any
1.2 mm	241.000 – 250.000 GHz	500 W	any

Notes

[1] CW, SSB, digital

Info

Associazione Radioamatori Italiani (ARI) – http://www.ari.it/images/stories/segreteria/TABELLA.pdf (current as of 2018-10-19); http://www.ari.it/index.php?option=com_content&view=article&id=120&Itemid=180&lang=it (current as of 2019-01-29); Ministro dello Sviluppo Economico (MISE) – https://ispettorati.mise.gov.it/images/documenti/decreto_marzo_2021.pdf (current as of 2021-03-22); http://www.ari.it/images/stories/segreteria/20220913_214_so_035.pdf (current as of 2022-08-31)

*Japan

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented

Latvia

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	YL/	YL/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Category A	Category B

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz			
630 m	472.000 – 479.000 kHz	1 W EIRP	800 Hz			
160 m	1.810 – 1.850 MHz	1000 W	any			
	1.850 – 2.000 MHz	10 W	any			
80 m	3.500 – 3.800 MHz	1000 W	any	3.510 – 3.750 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	800 Hz			
40 m	7.000 – 7.200 MHz	1000 W	any	7.010 – 7.040 MHz	100 W	A1A
30 m	10.100 – 10.150 MHz	1000 W	500 Hz			
20 m	14.000 – 14.350 MHz	1000 W	any			
17 m	18.068 – 18.168 MHz	1000 W	any			
15 m	21.000 – 21.450 MHz	1000 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1000 W	any			
10 m	28.000 – 29.700 MHz	1000 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	800 W	any	50.000 – 52.000 MHz	100 W	any
4 m	70.000 – 70.500 MHz	100 W	any			
2 m	144.000 – 146.000 MHz	100 W[1]	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000 – 440.000 MHz	100 W[2]	any	430.000 – 440.000 MHz	20 W	any
23 cm	1.240 – 1.300 GHz	100 W[3]	any	1.240 – 1.300 GHz	10 W	any
13 cm	2.300 – 2.450 GHz	50 W	any			
9 cm	3.400 – 3.410 GHz	50 W	any			
6 cm	5.650 – 5.850 GHz	50 W	any			
3 cm	10.000 – 10.500 GHz	50 W	any			
1.2 cm	24.000 – 24.250 GHz	50 W	any			
6 mm	47.000 – 47.200 GHz	50 W	any			
4 mm	76.000 – 81.500 GHz	50 W	any			
2.5 mm	122.250 – 123.000 GHz	50 W	any			
2 mm	134.000 – 141.000 GHz	50 W	any			
1.2 mm	241.000 – 250.000 GHz	50 W	any			

Notes

[1] 144.000–144.400 MHz: 1000 W PEP for CW, SSB, digital during EME, MS and international contest operation

[2] 432.000–432.400 MHz: 1000 W PEP for CW, SSB, digital during EME, MS and international contest operation

[3] 1.296–1.2964 GHz: 300 W PEP for CW, SSB, digital during EME, MS and international contest operation

Info

Satiksmes ministrija – https://www.vestnesis.lv/op/2016/155.3 (current as of 2016-08-12); https://www.vestnesis.lv/op/2023/9.4 (current as of 2023-01-12)

Liechtenstein

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented				ECC/REC/(05)06 implemented			
	HAREC							
	T/R 61-02 implemented				ERC Report 32 applied			
Call sign prefix	HBØ/				HBØY/			
Extensions	/AM, /M, /MM, /P (optional)				/AM, /M, /MM, /P (optional)			
Equivalent national class	CEPT concession				Class 3 concession[1]			
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	– 137.800 kHz		1 W ERP	any			
630 m	472.000	– 479.000 kHz		5 W EIRP	any			
160 m	1.810	– 2.000 MHz		1000 W	any	1.810 – 2.000 MHz	100 W	any
80 m	3.500	– 3.800 MHz		1000 W	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515	– 5.3665 MHz		15 W EIRP	any			
40 m	7.000	– 7.200 MHz		1000 W	any			
30 m	10.100	– 10.150 MHz		1000 W	any			
20 m	14.000	– 14.350 MHz		1000 W	any			
17 m	18.068	– 18.168 MHz		1000 W	any			
15 m	21.000	– 21.450 MHz		1000 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890	– 24.990 MHz		1000 W	any			
10 m	28.000	– 29.700 MHz		1000 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000	– 52.000 MHz		100 W	any			
4 m	70.000	– 70.0375 MHz		25 W ERP	any			
	70.1125	– 70.500 MHz		25 W ERP	any			
2 m	144.000	– 146.000 MHz		1000 W	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000	– 440.000 MHz		1000 W	any	430.000 – 440.000 MHz	50 W	any
23 cm	1.240	– 1.260 GHz[2]		1000 W	any			
	1.260	– 1.300 GHz		1000 W	any			
13 cm	2.300	– 2.308 GHz[2]		100 W	any			
	2.308	– 2.312 GHz		100 W	any			
	2.312	– 2.450 GHz[2]		100 W	any			
9 cm								
6 cm	5.650	– 5.725 GHz[2]		100 W	any			
	5.725	– 5.850 GHz		100 W	any			
3 cm	10.000	– 10.500 GHz		100 W	any			
1.2 cm	24.000	– 24.250 GHz		10 W	any			
6 mm	47.000	– 47.200 GHz		10 W	any			
4 mm	76.000	– 81.500 GHz		10 W	any			
2.5 mm	122.250	– 123.000 GHz		10 W	any			
2 mm	134.000	– 141.000 GHz		10 W	any			
1.2 mm	241.000	– 250.000 GHz		10 W	any			

Notes

[1] Only unmodified commercial transmitters allowed
[2] Special permission required

Info

Bundesamt für Kommunikation (BAKOM) – https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/frequenzen_und_antennen/Frequenznutzung%20mit%20oder%20ohne%20Konzessionen/Amateurfunk/vorschriften_fueramateurfunk.pdf.download.pdf/vorschriften_fueramateurfunk.pdf (current as of 2019-01-22); https://www.fedlex.admin.ch/eli/cc/2020/914/de (current as of 2023-01-01)

Lithuania

Implementation	CEPT Licence					CEPT Novice Licence				
	T/R 61-01 implemented					ECC/REC/(05)06 implemented				
	HAREC									
	T/R 61-02 implemented					ERC Report 32 applied				
Call sign prefix	LY/					LY/				
Extensions										
Equivalent national class	Class A					Class B				
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W EIRP	200 Hz					
630 m	472.000	–	479.000 kHz	1 W EIRP	any					
160 m	1.715	–	1.800 MHz	10 W	200 Hz					
	1.810	–	1.838 MHz	1000 W	200 Hz					
	1.838	–	1.850 MHz	1000 W	500 Hz					
	1.850	–	2.000 MHz	10 W	2.7 kHz					
80 m	3.500	–	3.800 MHz	1000 W	any	3.500	–	3.800 MHz	100 W	any
60 m	5.3515	–	5.3665 MHz	15 W EIRP	any					
40 m	7.000	–	7.200 MHz	1000 W	any	7.000	–	7.200 MHz	100 W	any
30 m	10.100	–	10.150 MHz	1000 W	any	10.100	–	10.150 MHz	100 W	any
20 m	14.000	–	14.350 MHz	1000 W	any	14.000	–	14.350 MHz	100 W	any
17 m	18.068	–	18.168 MHz	1000 W	any	18.068	–	18.168 MHz	100 W	any
15 m	21.000	–	21.450 MHz	1000 W	any	21.000	–	21.450 MHz	100 W	any
12 m	24.890	–	24.990 MHz	1000 W	any	24.890	–	24.990 MHz	100 W	any
10 m	28.000	–	29.700 MHz	1000 W	any	28.000	–	29.700 MHz	100 W	any
6 m	50.000	–	52.000 MHz	25 W EIRP	any					
4 m[1]	70.240	–	70.250 MHz	22 W EIRP	any[2]					
2 m	144.000	–	146.000 MHz	250 W[3]	any	144.000	–	146.000 MHz	50 W	any
70 cm	430.000	–	440.000 MHz	250 W[4]	any	430.000	–	440.000 MHz	50 W	any
23 cm	1.240	–	1.300 GHz	100 W	any	1.240	–	1.300 GHz	5 W	any
13 cm	2.300	–	2.450 GHz	25 W	any	2.300	–	2.450 GHz	5 W	any
9 cm										
6 cm	5.660	–	5.670 GHz	25 W	any	5.660	–	5.670 GHz	5 W	any
	5.725	–	5.850 GHz	25 W	any	5.725	–	5.850 GHz	5 W	any
3 cm	10.000	–	10.300 GHz	25 W	any	10.000	–	10.500 GHz	5 W	any
	10.300	–	10.400 GHz	75 W	any					
	10.400	–	10.500 GHz	25 W	any					
1.2 cm	24.000	–	24.250 GHz	25 W	any	24.000	–	24.250 GHz	5 W	any
6 mm	47.000	–	47.200 GHz	25 W	any	47.000	–	47.200 GHz	5 W	any
4 mm	76.000	–	81.000 GHz	25 W	any	76.000	–	81.000 GHz	5 W	any
2.5 mm	122.250	–	123.000 GHz	25 W	any	122.250	–	123.000 GHz	5 W	any
2 mm	134.000	–	141.000 GHz	25 W	any	134.000	–	141.000 GHz	5 W	any
1.2 mm	241.000	–	250.000 GHz	25 W	any	241.000	–	250.000 GHz	5 W	any

Notes

1 Amateur radio transmitters must not be used in an area closer than 4 km from the borders of the Republic of Belarus and of the Russian Federation and within an area of 15 km from the city limits of Alytaus.

2 CW 500 Hz, SSB 3 kHz

3 144.000–144.160 MHz: 1000 W PEP for EME communication

4 432.000–432.050 MHz: 1000 W PEP for EME communication

Info

Ryšių reguliavimo tarnyba (RRT) – https://www.e-tar.lt/rs/actualedition/TAR.04B43EB8963F/PKTfKtexwx/format/ISO_PDF/ (current as of 2019-07-01); https://e-seimas.lrs.lt/rs/legalact/TAD/4e6dc642f46611eab72ddb4a109da1b5/format/MSO2010_DOCX/ (current as of 2020-09-10); https://www.e-tar.lt/portal/lt/legalAct/TAR.58C802E0A3D6/asr (current as of 2022-06-24)

Luxembourg

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	LX/	LX6/
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	HAREC	Novice

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]
2200 m	135.700 – 137.800 kHz	1 W ERP	any			
630 m	472.000 – 479.000 kHz	1 W ERP	any	472.000 – 479.000 kHz	1 W ERP	any
160 m	1.810 – 1.830 MHz	10 W ERP	any	1.810 – 1.830 MHz	10 W ERP	any
	1.830 – 1.850 MHz	100 W[2]	any	1.830 – 1.850 MHz	100 W	any
	1.850 – 2.000 MHz	10 W ERP	any	1.850 – 2.000 MHz	10 W ERP	any
80 m	3.500 – 3.800 MHz	100 W[2]	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W ERP	any			
40 m	7.000 – 7.200 MHz	100 W[2]	any			
30 m	10.100 – 10.150 MHz	100 W[2]	any			
20 m	14.000 – 14.350 MHz	100 W[2]	any			
17 m	18.068 – 18.168 MHz	100 W[2]	any			
15 m	21.000 – 21.450 MHz	100 W[2]	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	100 W[2]	any			
10 m	28.000 – 29.700 MHz	100 W[2]	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W[2]	any	50.000 – 52.000 MHz	100 W	any
4 m	70.150 – 70.250 MHz	10 W ERP	any	70.150 – 70.250 MHz	10 W ERP	any
2 m	144.000 – 146.000 MHz	100 W[2]	any	144.000 – 146.000 MHz	100 W	any
70 cm	430.000 – 440.000 MHz	100 W[2]	any	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	100 W[2]	any	1.240 – 1.300 GHz	100 W	any
13 cm	2.300 – 2.450 GHz	100 W[2]	any	2.300 – 2.450 GHz	100 W	any
9 cm	3.400 – 3.410 GHz	100 W[2]	any	3.400 – 3.410 GHz	100 W	any
6 cm	5.650 – 5.850 GHz	100 W[2]	any	5.650 – 5.850 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	100 W[2]	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	100 W[2]	any	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	100 W[2]	any	47.000 – 47.200 GHz	100 W	any
4 mm	75.500 – 81.000 GHz	100 W[2]	any	75.500 – 81.000 GHz	100 W	any
2.5 mm						
2 mm	134.000 – 141.000 GHz	100 W[2]	any	134.000 – 141.000 GHz	100 W	any
	142.000 – 149.000 GHz	100 W[2]	any	142.000 – 149.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	100 W[2]	any	241.000 – 250.000 GHz	100 W	any

Notes

[1] Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

[2] 1000 W PEP on application, special permission required

Info

Institut Luxembourgeois de Régulation (ILR) – https://assets.ilr.lu/frequences/Documents/ILRLU-1723895916-177.pdf (current as of 2014-09-16); https://assets.ilr.lu/frequences/Documents/ILRLU-1723895916-283.pdf (current as of 2020-09-10); https://web.ilr.lu/FR/Professionnels/Frequences-radioelectriques/Utilisation-de-frequences/Plan-des-frequences/Pages/default.aspx (current as of 2022-12-22)

Malta

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	9H/	
Extensions		
Equivalent national class	Amateur Station Licence	

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.810 – 1.850 MHz	400 W	any
	1.850 – 2.000 MHz	10 W	any
80 m	3.500 – 3.800 MHz	400 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	400 W	any
30 m	10.100 – 10.150 MHz	100 W	any
20 m	14.000 – 14.350 MHz	400 W	any
17 m	18.068 – 18.168 MHz	400 W	any
15 m	21.000 – 21.450 MHz	400 W	any
12 m	24.890 – 24.990 MHz	400 W	any
10 m	28.000 – 29.700 MHz[1]	400 W	any
6 m	50.000 – 52.000 MHz	100 W	any
4 m	70.000 – 70.500 MHz	160 W	any
2 m	144.000 – 146.000 MHz	400 W	any
70 cm	430.000 – 432.000 MHz	50 W	any
	432.000 – 440.000 MHz	400 W	any
23 cm	1.240 – 1.300 GHz	200 W	any
13 cm	2.300 – 2.450 GHz	400 W	any
9 cm			
6 cm	5.650 – 5.850 GHz	400 W	any
3 cm	10.000 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	400 W	any
4 mm	76.000 – 81.500 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 250.000 GHz	400 W	any

Notes

[1] 29.300–29.510 MHz: no transmissions to avoid interference with the amateur-satellite downlink

Info

Government of Malta – https://parlament.mt/media/104020/ln-8-of-2020.pdf (current as of 2020-01-10); Malta Communications Agency (MCA) – https://www.mca.org.mt/sites/default/files/NFP_edition%20%206-3.pdf#overlay-context=initiatives/spectrum-planning (current as of 2021-10-08)

Moldova

Implementation	**CEPT Licence** T/R 61-01 implemented[1] **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented[1] ERC Report 32 applied
Call sign prefix	ER/	ER/
Extensions	/AM, /M, /MM, /P	/AM, /M, /MM, /P
Equivalent national class	Class B	Class C

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	CW	135.700 – 137.800 kHz	1 W ERP	CW
630 m	472.000 – 479.000 kHz	1 W ERP	CW	472.000 – 479.000 kHz	1 W ERP	CW
160 m	1.810 – 1.838 MHz	5 W	CW	1.850 – 1.900 MHz	5 W	CW, SSB
	1.838 – 1.840 MHz	5 W	[2]	1.900 – 2.000 MHz	5 W	[4]
	1.840 – 1.842 MHz	5 W	[3]			
	1.842 – 1.900 MHz	5 W	CW, SSB			
	1.900 – 2.000 MHz	5 W	[4]			
80 m	3.580 – 3.600 MHz	100 W	[2]	3.580 – 3.600 MHz	25 W	[2]
	3.600 – 3.620 MHz	100 W	[3]	3.600 – 3.620 MHz	25 W	[3]
	3.620 – 3.730 MHz	100 W	CW, SSB	3.620 – 3.730 MHz	25 W	CW, SSB
	3.730 – 3.740 MHz	100 W	[5]	3.730 – 3.740 MHz	25 W	[5]
	3.740 – 3.800 MHz	100 W	CW, SSB	3.740 – 3.800 MHz	25 W	CW, SSB
60 m						
40 m	7.035 – 7.040 MHz	100 W	[6]	7.035 – 7.040 MHz	25 W	[6]
	7.040 – 7.045 MHz	100 W	[7]	7.040 – 7.045 MHz	25 W	[7]
	7.045 – 7.200 MHz	100 W	CW, SSB	7.045 – 7.200 MHz	25 W	CW, SSB
30 m	10.140 – 10.150 MHz	100 W	[2]			
20 m	14.070 – 14.100 MHz	100 W	[2]			
	14.100 – 14.120 MHz	100 W	[3]			
	14.120 – 14.225 MHz	100 W	CW, SSB			
	14.225 – 14.235 MHz	100 W	[5]			
	14.235 – 14.350 MHz	100 W	CW, SSB			
17 m	18.100 – 18.110 MHz	100 W	[2]			
	18.110 – 18.168 MHz	100 W	CW, SSB			
15 m	21.080 – 21.120 MHz	100 W	[2]			
	21.150 – 21.335 MHz	100 W	CW, SSB			
	21.335 – 21.345 MHz	100 W	[5]			
	21.345 – 21.450 MHz	100 W	CW, SSB			
12 m	24.920 – 24.930 MHz	100 W	[2]			
	24.930 – 24.990 MHz	100 W	CW, SSB			
10 m	28.070 – 28.150 MHz	100 W	[2]	28.070 – 28.150 MHz	25 W	[2]
	28.225 – 28.675 MHz	100 W	CW, SSB	28.225 – 28.675 MHz	25 W	CW, SSB
	28.675 – 28.685 MHz	100 W	[5]	28.675 – 28.685 MHz	25 W	[5]
	28.685 – 28.800 MHz	100 W	CW, SSB	28.685 – 28.800 MHz	25 W	CW, SSB
	28.800 – 29.000 MHz	100 W	[4]	28.800 – 29.000 MHz	25 W	[4]
	29.000 – 29.700 MHz	100 W	[8]	29.000 – 29.700 MHz	25 W	[8]
6 m						
4 m						
2 m	144.000 – 144.035 MHz	100 W	CW, SSB	144.000 – 144.035 MHz	25 W	CW, SSB
	144.035 – 144.100 MHz	100 W	CW	144.100 – 144.150 MHz	25 W	[2]
	144.100 – 144.150 MHz	100 W	[2]	144.150 – 144.350 MHz	25 W	CW, SSB
	144.150 – 144.350 MHz	100 W	CW, SSB	144.350 – 144.400 MHz	25 W	[2]
	144.350 – 144.400 MHz	100 W	[2]	144.500 – 144.800 MHz	25 W	[9]
	144.400 – 144.500 MHz	100 W	CW	144.800 – 144.990 MHz	25 W	digital
	144.500 – 144.800 MHz	100 W	[9]	144.990 – 145.800 MHz	25 W	FM
	144.800 – 144.990 MHz	100 W	digital	145.800 – 146.000 MHz	25 W	[10]
	144.990 – 145.800 MHz	100 W	FM			
	145.800 – 146.000 MHz	100 W	[10]			
70 cm	430.000 – 432.000 MHz	5 W	FM	430.000 – 432.000 MHz	5 W	FM
	432.000 – 432.150 MHz	5 W	CW	432.150 – 432.800 MHz	5 W	CW, SSB
	432.150 – 432.800 MHz	5 W	CW, SSB	432.990 – 433.600 MHz	5 W	FM
	432.800 – 432.990 MHz	5 W	CW	433.600 – 434.000 MHz	5 W	[9]
	432.990 – 433.600 MHz	5 W	FM	434.000 – 435.981 MHz	5 W	ATV
	433.600 – 434.000 MHz	5 W	[9]	435.981 – 440.000 MHz	5 W	[11]
	434.000 – 435.981 MHz	5 W	ATV			
	435.981 – 440.000 MHz	5 W	[11]			
23 cm	1.240 – 1.300 GHz	10 W	[10]			
13 cm	2.300 – 2.450 GHz	5 W	[10]			
9 cm						
6 cm	5.650 – 5.850 GHz	5 W	[10]			
3 cm	10.000 – 10.500 GHz	5 W	[10]			

1.2 cm	24.050 – 24.250 GHz	5 W	[10]				
6 mm	47.000 – 47.200 GHz	5 W	[10]	47.000 – 47.200 GHz	5 W	[10]	
4 mm	76.000 – 77.500 GHz	5 W	[10]	77.500 – 78.000 GHz	5 W	[10]	
	77.500 – 78.000 GHz	5 W	[10]				
	78.000 – 81.000 GHz	1 W	[10]				
2.5 mm							
2 mm	134.000 – 141.000 GHz	5 W	[10]				
1.2 mm	241.000 – 250.000 GHz	5 W	[10]	248.000 – 250.000 GHz	5 W	[10]	

Notes

[1] Prior to any amateur radio activity in Moldova, a registration with the National Radio Frequency Management Service (NRFMS) is required indicating the location and duration of the stay: Serviciul Naţional de Management al Frecvenţelor Radio (SNMFR), 22/20, N. Dimo str., Durlești, Chişinău, MD-2003, Republica Moldova; phone: +373 22 785-729; email: snfr@snfr.md; online: http://www.snfr.md/index.php?pag=feedback&id=1283&l=en; http://www.snfr.md/media/files/documente forme de solicitare/En/formular_notificare_radioamator_eng.pdf

[2] CW, digital

[3] CW, SSB, digital

[4] CW, SSB, AM

[5] CW, SSB, SSTV

[6] CW, digital, SSTV

[7] CW, SSB, digital, SSTV

[8] CW, SSB, AM, FM

[9] CW, SSB, AM, FM, digital, SSTV

[10] CW, SSB, FM

[11] CW, SSB, AM, FM, digital, ATV

Info

National Regulatory Agency for Electronic Communications and Information Technology (ANRCETI) – https://www.anrceti.md/files/filefield/ORDIN MEI nr. 290 din 12.06.2018_0.doc (current as of 2018-06-29)

Monaco

Implementation	**CEPT Licence**						**CEPT Novice Licence**
	T/R 61-01 implemented[1]						ECC/REC/(05)06 not implemented
	HAREC						
	T/R 61-02 implemented						
Call sign prefix	3A/						
Extensions							
Equivalent national class	Class 1						
Band	**Frequency Range**					**Power (PEP)**	**Bandwidth/ Modes**[2]
2200 m	135.700	–	137.800	kHz		1 W EIRP	any
630 m	472.000	–	479.000	kHz		1 W EIRP	any
160 m	1.810	–	2.000	MHz		100 W	any
80 m	3.500	–	3.800	MHz		100 W	any
60 m	5.3515	–	5.3665	MHz		15 W EIRP	any
40 m	7.000	–	7.200	MHz		100 W	any
30 m	10.100	–	10.150	MHz		100 W	any
20 m	14.000	–	14.350	MHz		100 W	any
17 m	18.068	–	18.168	MHz		100 W	any
15 m	21.000	–	21.450	MHz		100 W	any
12 m	24.890	–	24.990	MHz		100 W	any
10 m	28.000	–	29.700	MHz		100 W	any
6 m	50.000	–	52.000	MHz		100 W	any
4 m	70.000	–	70.500	MHz		100 W	any
2 m	144.000	–	146.000	MHz		100 W	any
70 cm	430.000	–	440.000	MHz		100 W	any
23 cm	1.240	–	1.300	GHz		100 W	any
13 cm	2.300	–	2.450	GHz		100 W	any
9 cm							
6 cm	5.650	–	5.850	GHz		100 W	any
3 cm	10.000	–	10.500	GHz		100 W	any
1.2 cm	24.000	–	24.250	GHz		100 W	any
6 mm	47.000	–	47.200	GHz		100 W	any
4 mm	76.000	–	81.500	GHz		100 W	any
2.5 mm	122.250	–	123.000	GHz		100 W	any
2 mm	134.000	–	141.000	GHz		100 W	any
1.2 mm	241.000	–	250.000	GHz		100 W	any

Notes

1 Prior to any amateur radio activity in Monaco, a registration with the PTT is required indicating the location and duration of the stay: Direction des Communications Electroniques, 23, Avenue Albert II, MC-98000 Monaco; phone: +377 98988800; email: dce@gouv.mc

2 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

Info

Association des Radioamateurs de Monaco (ARM) – http://www.arm.mc/Reglementation.html (current as of 2022-03-06)

Montenegro

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	4O/	4O/
Extensions	/AM, /M, /MM, /P	/AM, /M, /MM, /P
Equivalent national class	Class A	Class N

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz			
630 m	472.000 – 479.000 kHz	20 W ERP	CW			
160 m	1.810 – 1.838 MHz	300 W	200 Hz[2]			
	1.838 – 1.840 MHz	300 W	500 Hz[3]			
	1.840 – 1.843 MHz	300 W	2.7 kHz[4]			
	1.843 – 2.000 MHz	300 W	2.7 kHz[5]			
80 m	3.500 – 3.580 MHz	1500 W	200 Hz[2]	3.500 – 3.580 MHz	100 W	200 Hz[2]
	3.580 – 3.600 MHz	1500 W	500 Hz[3]	3.580 – 3.600 MHz	100 W	500 Hz[3]
	3.600 – 3.800 MHz	1500 W	2.7 kHz	3.600 – 3.800 MHz	100 W	2.7 kHz
60 m[6]	5.3515 – 5.3665 MHz	15 W EIRP				
40 m	7.000 – 7.040 MHz	1500 W	200 Hz[2]	7.000 – 7.040 MHz	100 W	200 Hz[2]
	7.040 – 7.050 MHz	1500 W	500 Hz[3]	7.040 – 7.050 MHz	100 W	500 Hz[3]
	7.050 – 7.060 MHz	1500 W	2.7 kHz[4]	7.050 – 7.060 MHz	100 W	2.7 kHz[4]
	7.060 – 7.200 MHz	1500 W	2.7 kHz	7.060 – 7.200 MHz	100 W	2.7 kHz
30 m	10.100 – 10.140 MHz	300 W	200 Hz[2]			
	10.140 – 10.150 MHz	300 W	500 Hz[3]			
20 m	14.000 – 14.070 MHz	1500 W	200 Hz[2]			
	14.070 – 14.099 MHz	1500 W	500 Hz[3]			
	14.101 – 14.112 MHz	1500 W	2.7 kHz[4]			
	14.112 – 14.350 MHz	1500 W	2.7 kHz			
17 m	18.068 – 18.095 MHz	300 W	200 Hz[2]			
	18.095 – 18.109 MHz	1500 W	500 Hz[3]			
	18.111 – 18.168 MHz	300 W	2.7 kHz			
15 m	21.000 – 21.070 MHz	1500 W	200 Hz[2]	21.000 – 21.070 MHz	100 W	200 Hz[2]
	21.070 – 21.110 MHz	1500 W	500 Hz[3]	21.070 – 21.110 MHz	100 W	500 Hz[3]
	21.110 – 21.120 MHz	1500 W	2.7 kHz[3]	21.110 – 21.120 MHz	100 W	2.7 kHz[3]
	21.120 – 21.149 MHz	1500 W	500 Hz[3]	21.120 – 21.149 MHz	100 W	500 Hz[3]
	21.151 – 21.450 MHz	1500 W	2.7 kHz	21.151 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.915 MHz	300 W	200 Hz[2]			
	24.915 – 24.929 MHz	300 W	500 Hz[3]			
	24.931 – 24.990 MHz	300 W	2.7 kHz			
10 m	28.000 – 28.050 MHz	1500 W	200 Hz[2]	28.000 – 28.050 MHz	100 W	200 Hz[2]
	28.050 – 28.190 MHz	1500 W	500 Hz[3]	28.050 – 28.150 MHz	100 W	500 Hz[3]
	28.225 – 29.100 MHz	1500 W	2.7 kHz	28.225 – 29.100 MHz	100 W	2.7 kHz
	29.100 – 29.300 MHz	1500 W	6 kHz	29.100 – 29.300 MHz	100 W	6 kHz
	29.300 – 29.510 MHz[7]		6 kHz	29.300 – 29.510 MHz[7]		6 kHz
	29.520 – 29.700 MHz	1500 W	6 kHz	29.520 – 29.700 MHz	100 W	6 kHz
6 m	50.000 – 50.100 MHz	100 W	200 Hz[8]	50.000 – 50.100 MHz	25 W	200 Hz[8]
	50.100 – 50.500 MHz	100 W	2.7 kHz[4]	50.100 – 50.500 MHz	25 W	2.7 kHz[4]
	50.500 – 52.000 MHz	100 W	12 kHz	50.500 – 52.000 MHz	25 W	12 kHz
4 m	70.050 – 70.250 MHz	100 W	2.7 kHz[4]	70.050 – 70.250 MHz	25 W	2.7 kHz[4]
	70.250 – 70.450 MHz	100 W	12 kHz	70.250 – 70.450 MHz	25 W	12 kHz
2 m	144.000 – 144.035 MHz	1500 W	500 Hz[9]	144.000 – 144.035 MHz	25 W	500 Hz[9]
	144.035 – 144.110 MHz	1500 W	500 Hz[2]	144.035 – 144.110 MHz	25 W	500 Hz[2]
	144.110 – 144.150 MHz	1500 W	500 Hz[3]	144.110 – 144.150 MHz	25 W	500 Hz[3]
	144.150 – 144.180 MHz	1500 W	2.7 kHz[4]	144.150 – 144.180 MHz	25 W	2.7 kHz[4]
	144.180 – 144.360 MHz	1500 W	2.7 kHz[5]	144.180 – 144.360 MHz	25 W	2.7 kHz[5]
	144.360 – 144.399 MHz	1500 W	2.7 kHz[4]	144.360 – 144.399 MHz	25 W	2.7 kHz[4]
	144.499 – 144.794 MHz	300 W	20 kHz	144.499 – 144.794 MHz	25 W	20 kHz
	144.794 – 144.994 MHz	50 W	12 kHz[8]	144.794 – 144.994 MHz	25 W	12 kHz[8]
	144.994 – 145.1935 MHz	50 W	12 kHz[9]	144.994 – 145.1935 MHz	25 W	12 kHz[9]
	145.194 – 145.206 MHz	50 W	12 kHz[10]	145.194 – 145.206 MHz	25 W	12 kHz[10]
	145.206 – 145.7935 MHz	50 W	12 kHz[11]	145.206 – 145.7935 MHz	25 W	12 kHz[11]
	145.7935 – 145.806 MHz	50 W	12 kHz[12]	145.806 – 146.000 MHz	25 W	12 kHz[13]
	145.806 – 146.000 MHz	50 W	12 kHz[13]			
70 cm	430.000 – 430.925 MHz	50 W	digital	430.000 – 430.925 MHz	25 W	digital
	430.950 – 431.775 MHz	50 W	NBFM	430.950 – 431.775 MHz	25 W	NBFM
	432.000 – 432.100 MHz	1500 W	CW	432.000 – 432.100 MHz	25 W	CW
	432.100 – 432.399 MHz	1500 W	CW, SSB	432.100 – 432.399 MHz	25 W	CW, SSB
	432.500 – 432.994 MHz	50 W	any	432.500 – 432.994 MHz	25 W	any
	432.994 – 433.600 MHz	50 W	NBFM	432.994 – 433.600 MHz	25 W	NBFM

	433.600	–	434.000 MHz	300 W	any	433.600	–	434.000 MHz	25 W	any
	434.000	–	434.594 MHz	50 W	digital	434.000	–	434.594 MHz	25 W	digital
	434.594	–	435.000 MHz	50 W	NBFM	435.000	–	438.000 MHz	25 W	satellite
	435.000	–	438.000 MHz	50 W	satellite	438.000	–	438.525 MHz	25 W	digital
	438.000	–	438.525 MHz	50 W	digital	439.400	–	439.775 MHz	25 W	digital
	439.400	–	439.775 MHz	50 W	digital					
23 cm	1.240	–	1.24325 GHz	300 W	any					
	1.24325	–	1.260 GHz	300 W	ATV[14]					
	1.260	–	1.270 GHz	50 W	satellite					
	1.270	–	1.272 GHz	300 W	any					
	1.272	–	1.290994 GHz	300 W	ATV[14]					
	1.290994	–	1.291494 GHz	50 W	NBFM					
	1.291494	–	1.296 GHz	300 W	any					
	1.296	–	1.29615 GHz	300 W	CW					
	1.29615	–	1.296994 GHz	300 W	CW, SSB					
	1.296994	–	1.298 GHz	50 W	NBFM					
	1.298	–	1.300 GHz	300 W	any					
13 cm	2.300	–	2.320 GHz	300 W	any					
	2.320	–	2.32015 GHz	300 W	CW					
	2.32015	–	2.321 GHz	300 W	CW, SSB					
	2.321	–	2.322 GHz	50 W	NBFM					
	2.322	–	2.400 GHz	300 W	any					
	2.400	–	2.450 GHz	50 W	satellite					
9 cm	3.400	–	3.402 GHz	50 W	narrow					
	3.402	–	3.410 GHz	50 W	any					
6 cm	5.650	–	5.668 GHz	50 W	satellite					
	5.668	–	5.670 GHz	50 W	narrow[13]					
	5.670	–	5.700 GHz	300 W	digital					
	5.700	–	5.720 GHz	300 W	ATV[14]					
	5.720	–	5.760 GHz	300 W	any					
	5.760	–	5.762 GHz	300 W	narrow					
	5.762	–	5.790 GHz	300 W	any					
	5.790	–	5.850 GHz[7]							
3 cm	10.000	–	10.150 GHz	300 W	digital					
	10.150	–	10.250 GHz	300 W	any					
	10.250	–	10.350 GHz	300 W	digital					
	10.350	–	10.368 GHz	300 W	any					
	10.368	–	10.370 GHz	300 W	narrow					
	10.370	–	10.450 GHz	300 W	any					
	10.450	–	10.500 GHz	50 W	satellite					
1.2 cm	24.000	–	24.048 GHz	50 W	satellite					
	24.048	–	24.050 GHz	300 W	narrow					
	24.050	–	24.192 GHz	300 W	any					
	24.192	–	24.194 GHz	300 W	narrow					
	24.194	–	24.250 GHz	300 W	any					
6 mm	47.000	–	47.200 GHz	50 W	any[13]					
	47.200	–	48.500 GHz	300 W	any					
4 mm	75.500	–	77.500 GHz	300 W	any					
	77.500	–	77.501 GHz	50 W	narrow[13]					
	77.501	–	81.500 GHz	300 W	any					
2.5 mm	122.250	–	122.251 GHz	300 W	narrow					
	122.251	–	123.000 GHz	300 W	any					
2 mm	134.000	–	134.001 GHz	50 W	narrow[13]					
	134.001	–	141.000 GHz	300 W	any					
1.2 mm	241.000	–	248.000 GHz	300 W	any					
	248.000	–	248.001 GHz	50 W	narrow[13]					
	248.001	–	250.000 GHz	300 W	any					

Notes

1 CW: CW examination required
2 CW
3 CW, digital
4 CW, SSB, digital
5 CW, SSB
6 Band listed in the National Frequency Plan (Plan namjene radio-frekvencijskog spektra), but not mentioned in the amateur radio regulations
7 Satellite communication (downlink)
8 CW, beacon stations
9 CW (EME communication)
10 Digital
11 NBFM
12 Space communication
13 Satellite communication
14 ATV: special permission required

Info
Crna Gora Agencija za elektronske komunikacije i poštansku djelatnost (EKIP) – https://ekip.me/media/documents/general/1601566625_Plan%20raspodjele%20radio-frekvencija%20namijenjenih%20radioamaterskoj%20sluzbi%2025-2012.pdf (current as of 2012-05-11); https://ekip.me/media/documents/general/1612960870_Plan%20namjene%20RF%20spektra_kompletan_konacno%20-%20Sl%20list%20CG%2089-20,%20104-20.pdf (Stand: 2021-02-10); https://ekip.me/media/documents/general/1627635503_2021%2007%2027%2064%20Uputstvo_o_polaganju_RA_ispita.pdf (current as of 2021-07-29)

Netherlands

Netherlands

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	PA/	PD/
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	Class F	Class N

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	400 W	A1A			
630 m[1]	472.000 – 479.000 kHz	100 W	[2]			
160 m	1.810 – 1.880 MHz	400 W	any			
80 m	3.500 – 3.800 MHz	400 W	any			
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	400 W	any	7.000 – 7.200 MHz	100 W	any
30 m[1]	10.100 – 10.140 MHz	400 W	any			
	10.140 – 10.150 MHz	400 W	500 Hz			
20 m	14.000 – 14.350 MHz	400 W	any	14.000 – 14.350 MHz[3]	100 W	any
17 m	18.068 – 18.168 MHz	400 W	any			
15 m	21.000 – 21.450 MHz	400 W	any			
12 m	24.890 – 24.990 MHz	400 W	any			
10 m	28.000 – 29.700 MHz	400 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 50.450 MHz	120/30 W[4]	any			
	50.450 – 52.000 MHz	30 W	any			
4 m	70.000 – 70.500 MHz	50 W	any			
2 m	144.000 – 146.000 MHz	400 W	any	144.000 – 146.000 MHz	25 W	any
70 cm	430.000 – 440.000 MHz	400 W	any	430.000 – 440.000 MHz	25 W	any
23 cm	1.240 – 1.300 GHz	120 W	any			
13 cm	2.320 – 2.450 GHz[5]	120 W	any			
9 cm	3.400 – 3.410 GHz	120 W	any			
6 cm	5.650 – 5.850 GHz	120 W	any			
3 cm	10.000 – 10.500 GHz	120 W	any			
1.2 cm	24.000 – 24.250 GHz	120 W	any			
6 mm	47.000 – 47.200 GHz	120 W	any			
4 mm	75.500 – 81.500 GHz	120 W	any			
2.5 mm	122.250 – 123.000 GHz	120 W	any			
2 mm	134.000 – 141.000 GHz	120 W	any			
1.2 mm	241.000 – 250.000 GHz	120 W	any			

Notes

1 No contest operation permitted
2 A1A, F1A, G1A, J2A
3 Error in amateur radio regulations (Staatscourant): 14.000–*14.250* MHz
4 120 W PEP for A1A, J3E
5 2.400–2.450 MHz: satellite communication

Info

Overheid van Nederland – https://wetten.overheid.nl/BWBR0036375/2021-06-18 (current as of 2021-06-18); https://zoek.officielebekendmakingen.nl/stcrt-2021-31799.html (current as of 2021-06-15); Vereniging voor Experimenteel Radio Onderzoek in Nederland (VERON) – https://www.veron.nl/visiting-the-netherlands/ (current as of 2023-05-24)

Netherlands – *Caribbean Netherlands

Bonaire, Sint Eustatius, Saba

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba	PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba
Extensions	/M, /P (optional)	/M, /P (optional)
Equivalent national class	Class F	Class N

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	250 W	A1A			
630 m[1]	472.000 – 479.000 kHz	100 W	[2]			
160 m	1.800 – 2.000 MHz	1500 W	[3]			
80 m	3.500 – 4.000 MHz	1500 W	[4]			
60 m	5.3515 – 5.3665 MHz	25 W EIRP	any			
40 m	7.000 – 7.300 MHz	1500 W	[4]	7.000 – 7.300 MHz	100 W	any
30 m[1]	10.100 – 10.150 MHz	1500 W	A1A, F1B			
20 m	14.000 – 14.350 MHz	1500 W	[4]	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	1500 W	[4]			
15 m	21.000 – 21.450 MHz	1500 W	[4]			
12 m	24.890 – 24.990 MHz	1500 W	[4]			
10 m	28.000 – 29.700 MHz	1500 W	[4]	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 54.000 MHz	30 W[5]	[6]			
4 m						
2 m	144.000 – 148.000 MHz	150 W	[6]	145.000 – 145.500 MHz	25 W	F2B, G2B
				146.000 – 148.000 MHz	25 W	F3E, G3E
1.25 m	220.000 – 225.000 MHz	150 W	[6]	220.000 – 225.000 MHz	25 W	[7]
70 cm	430.000 – 440.000 MHz	150 W	[8]	430.000 – 433.000 MHz	25 W	[7]
				438.000 – 440.000 MHz	25 W	[7]
33 cm	902.000 – 928.000 MHz	150 W	[9]			
23 cm	1.240 – 1.300 GHz	120 W	any			
13 cm	2.320 – 2.450 GHz[10]	120 W	any			
9 cm	3.300 – 3.500 GHz	120 W	any			
6 cm	5.650 – 5.925 GHz	120 W	any			
3 cm	10.000 – 10.500 GHz	120 W	any			
1.2 cm	24.000 – 24.500 GHz	120 W	any			
6 mm	47.000 – 47.100 GHz	120 W	any			
4 mm						
2.5 mm						
2 mm	142.000 – 149.000 GHz	120 W	any			
1.2 mm	241.000 – 250.000 GHz	120 W	any			

Notes

1 No contest operation permitted
2 A1A, F1A, G1A, J2A
3 A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E
4 A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E
5 120 W PEP for A1A, J3E
6 A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C
7 F2B, G2B, F3E, G3E
8 A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F
9 A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C, C3F
10 2.400–2.450 MHz: satellite communication

Info

Overheid van Nederland – https://wetten.overheid.nl/BWBR0028725/2010-10-10 (current as of 2010-10-10); https://wetten.overheid.nl/BWBR0036375/2021-06-18 (current as of 2021-06-18); https://zoek.officielebekendmakingen.nl/stcrt-2021-31799.html (current as of 2021-06-17); PJ4G – https://pj4g.com/licensing-information/ (current as of 2022-11-15)

Netherlands – *Aruba

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented				ECC/REC/(05)06 implemented			
	HAREC							
	T/R 61-02 not implemented				ERC Report 32 not applied			
Call sign prefix	P4/				P4/			
Extensions	/M, /P				/M, /P			
Equivalent national class	Class A				Class C			
Band[1]	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m								
630 m								
160 m	1.800	–	1.850 MHz	100 W	6 kHz[2]			
	1.950	–	2.000 MHz	100 W	6 kHz[2]			
80 m	3.500	–	4.000 MHz	150 W	6 kHz[3]			
60 m								
40 m	7.000	–	7.300 MHz	150 W	6 kHz[3]			
30 m								
20 m	14.000	–	14.350 MHz	150 W	6 kHz[3]			
17 m								
15 m	21.000	–	21.450 MHz	150 W	6 kHz[3]			
12 m								
10 m	28.000	–	29.700 MHz	150 W	6 kHz[3]			
6 m	50.000	–	54.000 MHz	150 W	6/12 kHz[4]	50.000 – 54.000 MHz	25 W	SSB, FM
4 m								
2 m	144.000	–	148.000 MHz	150 W	6/12 kHz[4]	144.000 – 148.000 MHz	25 W	SSB, FM
1.25 m	220.000	–	225.000 MHz	150 W	6/12 kHz[4]	220.000 – 225.000 MHz	25 W	SSB, FM
70 cm	420.000	–	450.000 MHz	150 W	6/12 kHz[4]	420.000 – 450.000 MHz	25 W	SSB, FM
23 cm	1.215	–	1.300 GHz	150 W	6/12 kHz[4]	1.215 – 1.300 GHz	25 W	SSB, FM
13 cm	2.300	–	2.450 GHz	150 W	6/12 kHz[4]	2.300 – 2.450 GHz	25 W	SSB, FM
9 cm	3.300	–	3.400 GHz	150 W	6/12 kHz[4]	3.300 – 3.400 GHz	25 W	SSB, FM
6 cm	5.650	–	5.925 GHz	150 W	6/12 kHz[4]	5.650 – 5.925 GHz	25 W	SSB, FM
3 cm	10.000	–	10.500 GHz	150 W	6/12 kHz[4]	10.000 – 10.500 GHz	25 W	SSB, FM
1.2 cm								
6 mm								
4 mm								
2.5 mm								
2 mm								
1.2 mm								

Notes

1 Further allocations may be possible in future
2 A1, A3
3 A1, A2, A3, F1, F2, F3
4 Maximum bandwidth 6 kHz for AM, 12 kHz for FM, PM

Info

Directie Telecommunicatie Zaken (DTZ) – https://www.dtz.aw/index_htm_files/Regeling%20zendvoorwaarden%20radioamateurs%20AB%201989%20GT%2066.pdf (current as of 1989-11-03); https://www.dtz.aw/index_htm_files/Radio-Amateur_Reciproke_D.docx (current as of 2020-11-17); Overheid van Aruba – https://www.overheid.aw/document.php?m=25&fileid=15317&f=429465f297c20ee8e6f2be51d3a19615&attachment=0&c=21583 (current as of 2013-11-11)

Netherlands – *Curaçao

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented				ECC/REC/(05)06 implemented			
	HAREC							
	T/R 61-02 implemented				ERC Report 32 not applied			
Call sign prefix	PJ2/				PJ2/			
Extensions								
Equivalent national class	Class C				Class N			
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**		**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	– 137.800 kHz		1 W ERP	CW				
630 m	472.000	– 479.000 kHz		1 W ERP	CW				
160 m	1.800	– 2.000 MHz		150 W	[1]				
80 m	3.500	– 4.000 MHz		1000 W	[2]				
60 m	5.3515	– 5.3665 MHz		15 W EIRP	[3]				
40 m	7.000	– 7.300 MHz		1000 W	[2]	7.000	– 7.100 MHz	25 W	[8]
30 m	10.100	– 10.150 MHz		250 W	A1A, F1B				
20 m	14.000	– 14.350 MHz		1000 W	[2]	14.000	– 14.250 MHz	25 W	[8]
17 m	18.068	– 18.168 MHz		250 W	[2]				
15 m	21.000	– 21.450 MHz		1000 W	[2]				
12 m	24.890	– 24.990 MHz		250 W	[2]				
10 m	28.000	– 29.700 MHz		1000 W	[2]	28.000	– 29.700 MHz	25 W	[8]
6 m	50.000	– 54.000 MHz		150 W	[4]				
4 m									
2 m	144.000	– 148.000 MHz		150 W	[4]	144.000	– 148.000 MHz	25 W	[9]
1.25 m	220.000	– 225.000 MHz		150 W	[4]	220.000	– 225.000 MHz	25 W	[10]
70 cm	430.000	– 440.000 MHz		150 W	[5]	430.000	– 440.000 MHz	25 W	[10]
33 cm	902.000	– 928.000 MHz		150 W	[6]				
23 cm	1.240	– 1.300 GHz		150 W	[7]				
13 cm									
9 cm									
6 cm	5.650	– 5.725 GHz		150 W	[6]				
3 cm	10.000	– 10.500 GHz		150 W	[6]				
1.2 cm	24.000	– 24.250 GHz		150 W	[6]				
6 mm	47.000	– 47.200 GHz		150 W	[6]				
4 mm	77.500	– 81.000 GHz		150 W	[6]				
2.5 mm	122.250	– 123.000 GHz		150 W	[6]				
2 mm	134.000	– 141.000 GHz		150 W	[6]				
1.2 mm	241.000	– 250.000 GHz		150 W	[7]				

Notes

[1] A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E

[2] A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E

[3] A1A, J3E, F3E

[4] A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C

[5] A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F

[6] A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C, C3F

[7] A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2C, G3C, C3F

[8] F2B, G2B

[9] F3E, G3E

[10] F2B, G2B, F3E, G3E

Info

Bureau Telecommunicatie en Post – https://btnp.org/wp-content/uploads/2019/04/20160205_no_209_lb_14-10-1999_lb_radioamateurs.pdf (current as of 1999-10-14); https://btnp.org/wp-content/uploads/2019/04/Frequentietabel__0_-3000_GHz__JvR_2016-01-21_v3__Engels___27_januari_2017__uitgangspunt_voor_pdf_Nieuw_V2_12okt2017_2.pdf (current as of 2017-01-27); https://btnp.org/wp-content/uploads/2019/06/20160204_btp001_dd_form_07_radio_amateurs_bl_nl.pdf (current as of 2019-06-09)

Netherlands – *Sint Maarten

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 not implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 not applied
Call sign prefix	PJ7/	PJ7/
Extensions		
Equivalent national class	Class A	Class N

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m						
630 m						
160 m	1.800 – 2.000 MHz	250 W	1			
80 m	3.500 – 4.000 MHz	250 W	2			
60 m						
40 m	7.000 – 7.300 MHz	250 W	2			
30 m	10.100 – 10.150 MHz	250 W	3			
20 m	14.000 – 14.350 MHz	250 W	2			
17 m	18.068 – 18.168 MHz	250 W	2			
15 m	21.000 – 21.450 MHz	250 W	2			
12 m	24.890 – 24.990 MHz	250 W	2			
10 m	28.000 – 29.700 MHz	250 W	2			
6 m	50.000 – 54.000 MHz	250 W	4			
4 m						
2 m	144.000 – 148.000 MHz	250 W	4	145.000 – 145.500 MHz	25 W	8
				146.000 – 148.000 MHz	25 W	9
1.25 m	220.000 – 225.000 MHz	250 W	4	220.000 – 225.000 MHz	25 W	10
70 cm	430.000 – 440.000 MHz	250 W	5	430.000 – 433.000 MHz	25 W	10
				438.000 – 440.000 MHz	25 W	10
33 cm	902.000 – 928.000 MHz	250 W	7			
23 cm	1.240 – 1.300 GHz	250 W	6			
13 cm	2.320 – 2.450 GHz	250 W	7			
9 cm	3.300 – 3.500 GHz	250 W	7			
6 cm	5.650 – 5.925 GHz	250 W	7			
3 cm	10.000 – 10.500 GHz	250 W	7			
1.2 cm	24.000 – 24.500 GHz	250 W	7			
6 mm	47.000 – 47.100 GHz	250 W	7			
4 mm	75.500 – 81.000 GHz	250 W	7			
2.5 mm						
2 mm	142.000 – 149.000 GHz	250 W	7			
1.2 mm	241.000 – 250.000 GHz	250 W	6			

Notes

1 A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E
2 A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E
3 A1A, F1B
4 A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C
5 A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F
6 A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2C, G3C, C3F
7 A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C, C3F
8 F2B, G2B
9 F3E, G3E
10 F2B, G2B, F3E, G3E

Info

Overheid van Nederland – https://lokaleregelgeving.overheid.nl/CVDR143162/1 (current as of 2010-10-10); Bureau Telecommunicatie en Post – https://www.sxmregulator.sx/f/Telecommunications/Laws/10t98467037577 (current as of 2018-08-13)

*New Zealand

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	ZL/ Optional digit designating the island or group of islands: ZL7/ Chatham Island ZL8/ Kermadec Islands[1] ZL9/ Subantarctic Islands[1] (Antipodes Islands, Auckland Islands, Bounty Islands, Campbell Island, Snares Islands[2])	
Extensions		
Equivalent national class	General	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	130.000 – 190.000 kHz	5 W EIRP	CW
630 m	472.000 – 479.000 kHz	25 W EIRP	CW
160 m	1.800 – 1.950 MHz	1000 W	any
80 m	3.500 – 3.900 MHz	1000 W	any
60 m[3]	5.3515 – 5.354 MHz	15 W EIRP	100 Hz
	5.354 – 5.366 MHz	15 W EIRP	any
	5.366 – 5.3665 MHz	15 W EIRP	[4]
40 m	7.000 – 7.300 MHz	1000 W	any
30 m	10.100 – 10.150 MHz	1000 W	any
20 m	14.000 – 14.350 MHz	1000 W	any
17 m	18.068 – 18.168 MHz	1000 W	any
15 m	21.000 – 21.450 MHz	1000 W	any
12 m	24.890 – 24.990 MHz	1000 W	any
10 m	28.000 – 29.700 MHz	1000 W	any
6 m	50.000 – 54.000 MHz	1000 W	any
4 m			
2 m	144.000 – 148.000 MHz	1000 W	any
70 cm	430.000 – 440.000 MHz	1000 W	any
33 cm	915.000 – 928.000 MHz	25 W EIRP	any
23 cm	1.240 – 1.300 GHz	1000 W	any
13 cm	2.396 – 2.450 GHz	1000 W	any
9 cm	3.300 – 3.410 GHz	1000 W	any
6 cm	5.650 – 5.850 GHz	1000 W	any
3 cm	10.000 – 10.500 GHz	1000 W	any
1.2 cm	24.000 – 24.250 GHz	1000 W	any
6 mm	47.000 – 47.200 GHz	1000 W	any
4 mm	76.000 – 81.000 GHz	1000 W	any
2.5 mm	122.250 – 123.000 GHz	1000 W	any
2 mm	134.000 – 141.000 GHz	1000 W	any
1.2 mm	241.000 – 250.000 GHz	1000 W	any
1 mm	275.000 – 1000.000 GHz	1000 W	any

Notes

1 Landing permission by the New Zealand Department of Conservation required
2 The Snares Islands do not count for the DXCC entity New Zealand Subantarctic Islands.(ZL9)
3 Special permission required
4 Weak signal modes

Info

Radio Spectrum Management (RSM) – https://gazette.govt.nz/notice/id/2017-go3567; https://www.rsm.govt.nz/assets/Uploads/pdfs/gazette/c9cc2398c0/amateur-radio-operators-gurl-2017.pdf (current as of 2017-05-18); https://www.rsm.govt.nz/licensing/frequencies-for-anyone/amateur-radio-operators/visiting-amateur-operators/ (current as of 2021-05-18)

North Macedonia

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	Z38/	
Extensions	/AM, /M, /MM, /P (optional)	
Equivalent national class	Class A	

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W	A1A, A2A
630 m			
160 m	1.810 – 1.830 MHz	1000 W	A1A
	1.830 – 1.850 MHz	1000 W	A1A, J3E
	1.850 – 2.000 MHz	1000 W	any
80 m	3.500 – 3.510 MHz	1500 W	A1A, A1B
	3.510 – 3.600 MHz	1500 W	[1]
	3.600 – 3.775 MHz	1500 W	[2]
	3.775 – 3.800 MHz	1500 W	J3E
60 m			
40 m	7.000 – 7.040 MHz	1500 W	[1]
	7.040 – 7.200 MHz	1500 W	[3]
30 m	10.100 – 10.140 MHz	300 W	A1A
	10.140 – 10.150 MHz	300 W	[1]
20 m	14.000 – 14.100 MHz	1500 W	[1]
	14.100 – 14.350 MHz	1500 W	[2]
17 m	18.068 – 18.110 MHz	1500 W	[1]
	18.110 – 18.168 MHz	1500 W	[4]
15 m	21.000 – 21.150 MHz	1500 W	[1]
	21.150 – 21.450 MHz	1500 W	[2]
12 m	24.890 – 24.930 MHz	1500 W	[1]
	24.930 – 24.990 MHz	1500 W	[4]
10 m	28.000 – 28.200 MHz	1500 W	[1]
	28.200 – 29.000 MHz	1500 W	[5]
	29.000 – 29.700 MHz[6]	1500 W	[7]
6 m	50.000 – 50.100 MHz	1000 W[8]	[1]
	50.100 – 50.500 MHz	1000 W[8]	[9]
	50.500 – 52.000 MHz	1000 W[8]	[10]
4 m			
2 m	144.000 – 144.035 MHz	1000 W	[11]
	144.035 – 144.150 MHz	1000 W	A1A
	144.150 – 144.500 MHz	1000 W	[11]
	144.500 – 144.845 MHz	1000 W	[12]
	144.845 –144.9875 MHz[13]		F1A
	145.000 –145.1875 MHz[14]	50 W	F3E
	145.200 – 145.5875 MHz	50 W	F2B, F3E
	145.600 –145.7875 MHz[14]		F3E
	145.800 – 146.000 MHz	50 W	[11]
70 cm	432.000 – 432.150 MHz	1000 W	A1A, A1B
	432.150 – 432.500 MHz	1000 W	[15]
	432.500 – 432.800 MHz	1000 W	[16]
	432.800 –432.9875 MHz[13]		F1A
	433.000 –433.225 MHz[14]	50 W	F3E, C3F
	433.2375 – 433.3875 MHz	50 W	F2B, F3E
	433.400 – 433.5875 MHz	50 W	F3E, C3F
	433.600 – 434.5875 MHz	1000 W	[17]
	434.600 –434.825 MHz[14]		F3E, C3F
	435.000 –438.000 MHz[18]	50 W	[19]
23 cm	1.240 – 1.256 GHz	100 W	C3F
	1.256 – 1.260 GHz	75 W	[20]
	1.260 – 1.270 GHz	75 W	[21]
	1.270 – 1.286 GHz	75 W	C3F
	1.286 –1.2909875 GHz	75 W	[21]
	1.2909875 –1.2914875 GHz[14]	50 W	F3E
	1.2914875 – 1.296 GHz	75 W	[20]
	1.296 – 1.2968 GHz	75 W	[22]
	1.2968 –1.2969875 GHz[13]		F1A
	1.2969875 –1.2974875 GHz[14]		F3E
	1.2974875 –1.2980125 GHz	75 W	F3E
	1.2980125 – 1.300 GHz	75 W	[20]
13 cm	2.300 – 2.450 GHz	75 W	[23]

9 cm					
6 cm	5.650	–	5.850 GHz	30 W	[23]
3 cm	10.000	–	10.500 GHz[24]	30 W	[23]
1.2 cm	24.000	–	24.250 GHz	50 W	[23]
6 mm	47.000	–	47.200 GHz	50 W	[23]
4 mm	75.500	–	81.000 GHz	50 W	[23]
2.5 mm	122.250	–	123.000 GHz	50 W	[23]
2 mm	134.000	–	141.000 GHz	50 W	[23]
1.2 mm	241.000	–	250.000 GHz	50 W	[23]

Notes

[1] A1A, A1B, J2B, F1B
[2] A1A, A1B, J2B, F1B, A2D, H3E, J3E, J3F, F3F
[3] A1A, A1B, J2B, F1B, H3E, J3E, J3F, F3F
[4] A1A, A1B, J2B, F1B, H3E, J3E
[5] A1A, A2A, A1B, J2B, F1B, A2D, A3E, H3E, J3E, J3F, F3F
[6] 29.400–29.550 MHz: satellite communication (downlink)
[7] A1A, A1B, J2B, F1B, A3E, H3E, J3E, J3F, F3F
[8] 10 W PEP in the vicinity of cities
[9] F2D, H3E, J3E, J3F, F3F
[10] A2A, A2B, F1B, J2B, F2B, F1C, F2C, A2C, A3C, F3C, F1D, F2D, A2D, A3E, J3E, F3E, J3F, F3F
[11] A1A, A1B, J3E
[12] A1A, A2A, A1B, A2B, J2B, F1B, F2B, A1C, F1C, A2C, F2C, F3C, A3C, A2D, F1D, F2D, A3E, J3E, F3E, J3F, F3F
[13] Beacon stations
[14] Repeater stations
[15] A1A, A2A, J3E
[16] A1A, A1B, A1C, A1D, A2A, A2B, J2B, F1B, F2B, F1C, A2C, F2C, A3C, F1D, A2D, F2D, A3E, J3E, J3F
[17] A1A, A1B, A1C, A1D, A2A, A2B, J2B, F1B, F2B, F1C, A2C, F2C, A3C, F3C, F1D, A2D, F2D, A3E, J3E, F3E, J3F, F3F, C3F
[18] Error in amateur radio regulations (AEK): *434.000*–438.000 MHz
[19] A1A, A1B, A1D, A2B, A2D, F1D, F2D, J3E
[20] A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, A3F, J2B, J3E, J3F, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F
[21] A1A, A1B, A1D, A2B, A2D, F1B, F2D, J3E
[22] A1A, A1D, A2B, J3E, F1B
[23] A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, A3F, J2B, J3E, J3F, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F, C3F
[24] 10.368845–10.386900 GHz: beacon stations

Info

Agency for Electronic Communications (AEK) – https://aek.mk/wp-content/uploads/2020/06/Nacrt_pravilnik_za_koristenje_na_RF.doc (current as of 2020-06-09)

Norway

Implementation[1]	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted without guest licence
Call sign prefix	LA/ Norge/Norway JW/ Svalbard	LA/ Norge/Norway JW/ Svalbard
Extensions		
Equivalent national class	Radioamatørlisens	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[2]	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[2]
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1000 W	6 kHz	1.810 – 1.850 MHz	1000 W	6 kHz
	1.850 – 2.000 MHz	10 W	6 kHz	1.850 – 2.000 MHz	10 W	6 kHz
80 m	3.500 – 3.800 MHz	1000 W	6 kHz	3.500 – 3.800 MHz	1000 W	6 kHz
60 m	5.260 – 5.410 MHz	100 W[3]	6 kHz	5.260 – 5.410 MHz	100 W[3]	6 kHz
40 m	7.000 – 7.200 MHz	1000 W	6 kHz	7.000 – 7.200 MHz	1000 W	6 kHz
30 m	10.100 – 10.150 MHz	1000 W	1 kHz	10.100 – 10.150 MHz	1000 W	1 kHz
20 m	14.000 – 14.350 MHz	1000 W	6 kHz	14.000 – 14.350 MHz	1000 W	6 kHz
17 m	18.068 – 18.168 MHz	1000 W	6 kHz	18.068 – 18.168 MHz	1000 W	6 kHz
15 m	21.000 – 21.450 MHz	1000 W	6 kHz	21.000 – 21.450 MHz	1000 W	6 kHz
12 m	24.740 – 24.990 MHz	1000 W	6 kHz	24.740 – 24.990 MHz	1000 W	6 kHz
10 m	28.000 – 29.700 MHz	1000 W	18 kHz	28.000 – 29.700 MHz	1000 W	18 kHz
6 m	50.000 – 52.000 MHz	1000 W	18 kHz	50.000 – 52.000 MHz	1000 W	18 kHz
4 m	69.900 – 70.500 MHz	100 W[4]	16 kHz	69.900 – 70.500 MHz	100 W[4]	16 kHz
2 m	144.000 – 146.000 MHz	300 W[4]	18 kHz	144.000 – 146.000 MHz	300 W[4]	18 kHz
70 cm	432.000 – 438.000 MHz	300 W[4]	30 kHz	432.000 – 438.000 MHz	300 W[4]	30 kHz
23 cm	1.240 – 1.300 GHz	100 W[4]	20 MHz	1.240 – 1.300 GHz	100 W[4]	20 MHz
13 cm	2.300 – 2.450 GHz	100 W	20 MHz	2.300 – 2.450 GHz	100 W	20 MHz
9 cm	3.400 – 3.410 GHz	100 W	7 MHz	3.400 – 3.410 GHz	100 W	7 MHz
6 cm	5.650 – 5.850 GHz	100 W	20 MHz	5.650 – 5.850 GHz	100 W	20 MHz
3 cm	10.250 – 10.500 GHz	100 W	50 MHz	10.250 – 10.500 GHz	100 W	50 MHz
1.2 cm	24.000 – 24.250 GHz	100 W	50 MHz	24.000 – 24.250 GHz	100 W	50 MHz
6 mm	47.000 – 47.200 GHz	100 W	50 MHz	47.000 – 47.200 GHz	100 W	50 MHz
4 mm	76.000 – 81.000 GHz	100 W	50 MHz	76.000 – 81.000 GHz	100 W	50 MHz
2.5 mm	122.250 – 123.000 GHz	100 W	50 MHz	122.250 – 123.000 GHz	100 W	50 MHz
2 mm	134.000 – 141.000 GHz	100 W	50 MHz	134.000 – 141.000 GHz	100 W	50 MHz
1.2 mm	241.000 – 250.000 GHz	100 W	50 MHz	241.000 – 250.000 GHz	100 W	50 MHz

Notes

1 Guest licence and landing permission required for Bjørnøya/Bear Island (JW), Jan Mayen (JX) and Antarctica (3Y)
2 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
3 100 W PEP or 1 W EIRP, whatever limit is reached first
4 1000 W PEP for EME and Meteor Scatter operation

Info

Nasjonal kommunikasjonsmyndighet (NKOM) – https://lovdata.no/dokument/LTI/forskrift/2018-07-12-1220 (current as of 2018-08-08); https://frekvens.nkom.no/#/main (current as of 2023-04-13)

*Peru

Implementation	**CEPT Licence** T/R 61-01 implemented, but guest licence recommended[1] **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix[2]	OA1/ Lambayeque, Píura, Tumbes OA2/ Cajamarca, La Libertad OA3/ Ancash, Huánaco OA4/ Callao, Junín, Lima, Pasco OA5/ Apurímac, Ayacucho, Huancavelica, Ica OA6/ Arequipa, Moquegua, Tacna OA7/ Cuzco, Madre de Dios, Puno OA8/ Loreto, Ucayali OA9/ Amazonas, San Martín	
Extensions		
Equivalent national class	Class A	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m			
630 m			
160 m	1.800 – 1.850 MHz	1000 W	any
80 m	3.500 – 3.750 MHz	1000 W	any
60 m			
40 m	7.000 – 7.300 MHz	1000 W	any
30 m	10.100 – 10.150 MHz	1000 W	any
20 m	14.000 – 14.350 MHz	1000 W	any
17 m	18.068 – 18.168 MHz	1000 W	any
15 m	21.000 – 21.450 MHz	1000 W	any
12 m	24.890 – 24.990 MHz	1000 W	any
10 m	28.000 – 29.700 MHz	1000 W	any
6 m	50.000 – 54.000 MHz	1000 W	any
4 m			
2 m	144.000 – 148.000 MHz	1000 W	any
1.25 m	220.000 – 222.000 MHz	1000 W	any
70 cm	430.000 – 440.000 MHz	1000 W	any
33 cm	916.000 – 928.000 MHz	1000 W	any
23 cm	1.240 – 1.300 GHz	1000 W	any
13 cm	2.300 – 2.450 GHz	1000 W	any
9 cm	3.300 – 3.500 GHz	1000 W	any
6 cm	5.650 – 5.925 GHz	1000 W	any
3 cm	10.000 – 10.500 GHz	1000 W	any
1.2 cm	24.000 – 24.250 GHz	1000 W	any
6 mm	47.000 – 47.200 GHz	1000 W	any
4 mm			
2.5 mm			
2 mm			
1.2 mm			

Notes

[1] T/R 61-01 implemented according to CEPT, but implementation questioned by Peruvian authorities, guest licence recommended; information via Radio Club Peruano, oa4o@oa4o.pe

[2] According to CEPT regulations, the letters OA followed by a number indicating the zone in Peru from which the station is operated form a suffix to the national call sign of the operator. The national amateur regulations stipulate that this combination is used as a prefix to the foreigner's call sign.

Info

Ministerio de Transportes y Comunicaciones (MTC) – https://portal.mtc.gob.pe/comunicaciones/autorizaciones/servicios_privados/documentos/radioaficionados/Reglamento%20de%20Radioaficionados%20%20DS%20024-2019-MTC.pdf (current as of 2019-07-16); https://www.gob.pe/institucion/mtc/informes-publicaciones/1944102-balotario-para-el-examen-de-radioaficionado-en-la-categoria-novicio (current as of 2021-05-31)

Poland

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	SP/	SO/
Extensions		
Equivalent national class	Category 1	Category 3

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m	472.000 – 479.000 kHz	1 W EIRP	any			
160 m	1.810 – 2.000 MHz	500 W	any	1.810 – 2.000 MHz	100 W	any
80 m	3.500 – 3.800 MHz	500 W	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	500 W	any	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	500 W	any			
20 m	14.000 – 14.350 MHz	500 W	any	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	500 W	any			
15 m	21.000 – 21.450 MHz	500 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	500 W	any			
10 m	28.000 – 29.700 MHz	500 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W EIRP[1]	any			
4 m	70.000 – 70.300 MHz	20 W EIRP	any			
2 m	144.000 – 146.000 MHz	500 W	any	144.000 – 146.000 MHz	100 W	any
70 cm	430.000 – 440.000 MHz	500 W	any	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	500 W	any			
13 cm	2.300 – 2.450 GHz	500 W	any			
9 cm	3.400 – 3.410 GHz	20 W EIRP	any			
6 cm	5.650 – 5.850 GHz	500 W	any			
3 cm	10.000 – 10.500 GHz	500 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	500 W	any			
6 mm	47.000 – 47.200 GHz	500 W	any			
4 mm	76.000 – 83.000 GHz	500 W	any			
2.5 mm	122.250 – 123.000 GHz	500 W	any			
2 mm	134.000 – 141.000 GHz	500 W	any			
1.2 mm	241.000 – 250.000 GHz	500 W	any			

Notes

[1] 500 W EIRP for FM

Info

Urząd Komunikacji Elektronicznej (UKE) – https://bip.uke.gov.pl/jak-uzyskac-rezerwacje--pozwolenie--zezwolenie-tresc/pozwolenia-amatorskie,6.html (current as of 2018-02-23);
https://bip.uke.gov.pl/download/gfx/bip/pl/defaultaktualnosci/125/6/4/zakresy_amatorskie.pdf (current as of 2018-09-25)

Portugal

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	CT7/ Portugal CT8/ Açores/Azores CT9/ Madeira	CS7/ Portugal CS8/ Açores/Azores CS9/ Madeira
Extensions	/M, /P	/M, /P
Equivalent national class	Category 1	Category 2

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[1]	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**[1]
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m	472.000 – 479.000 kHz	1 W EIRP	any			
160 m	1.810 – 1.830 MHz	200 W	any			
	1.830 – 1.850 MHz	1500 W	any			
	1.850 – 2.000 MHz[2 3]	1500 W	any			
80 m	3.500 – 3.800 MHz	1500 W	any	3.700 – 3.800 MHz	200 W	any
60 m[3]	5.3515 – 5.3665 MHz	15 W EIRP				
40 m	7.000 – 7.200 MHz	1500 W	any	7.100 – 7.200 MHz	200 W	any
30 m	10.100 – 10.150 MHz	750 W	any			
20 m	14.000 – 14.350 MHz	1500 W	any	14.125 – 14.350 MHz	200 W	any
17 m	18.068 – 18.168 MHz	1500 W	any			
15 m	21.000 – 21.450 MHz	1500 W	any	21.151 – 21.450 MHz	200 W	any
12 m	24.890 – 24.990 MHz	1500 W	any			
10 m	28.000 – 29.700 MHz	1500 W	any	28.000 – 29.700 MHz	200 W	any
6 m	50.000 – 50.500 MHz	300 W	any	50.000 – 50.500 MHz	150 W	any
	50.500 – 51.000 MHz	25 W ERP	any	51.000 – 52.000 MHz	150 W	any
	51.000 – 52.000 MHz	300 W	any			
4 m	70.157 – 70.2125 MHz	100 W ERP	any			
	70.2375 – 70.2875 MHz	100 W ERP	any			
2 m	144.000 – 146.000 MHz	300 W	any	144.000 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	300 W	any	430.000 – 435.000 MHz	150 W	any
				438.000 – 440.000 MHz	150 W	any
23 cm	1.240 – 1.270 GHz	50 W EIRP	any	1.270 – 1.300 GHz	100 W EIRP	any
	1.270 – 1.300 GHz	300 W EIRP	any			
13 cm						
9 cm						
6 cm						
3 cm	10.000 – 10.370 GHz	300 W EIRP	any			
	10.450 – 10.500 GHz	300 W EIRP	any			
1.2 cm	24.000 – 24.250 GHz	50 W	any	24.000 – 24.050 GHz	10 W	any
6 mm	47.000 – 47.200 GHz	50 W	any	47.000 – 47.200 GHz	10 W	any
4 mm	75.500 – 81.000 GHz	50 W	any	77.500 – 78.000 GHz	10 W	any
2.5 mm	122.250 – 123.000 GHz	50 W	any			
2 mm	134.000 – 141.000 GHz	50 W	any	134.000 – 136.000 GHz	10 W	any
1.2 mm	241.000 – 250.000 GHz	50 W	any	248.000 – 250.000 GHz	10 W	any

Notes

[1] Modes according to the IARU-Region 1 band plan (please refer to the list at the end of this document)
[2] Contest operation only
[3] Special permission required

Info

Autoridade Nacional de Comunicações (ANACOM) – https://www.anacom.pt/render.jsp?contentId=956876 (current as of 2009-03-02); https://www.anacom.pt/streaming/decisaoamador27052009.pdf?contentId=955142&field=ATTACHED_FILE (current as of 2009-03-02); https://www.anacom.pt/streaming/anexo6_Adenda_2013_QNAF.pdf?contentId=1172997&field=ATTACHED_FILE (current as of 2013-09-09)

Romania

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	YO/	YO/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Class II	Class III

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	800 Hz	135.700 – 137.800 kHz	1 W ERP	800 Hz
630 m	472.000 – 479.000 kHz	1 W ERP	800 Hz	472.000 – 479.000 kHz	1 W ERP	800 Hz
160 m	1.810 – 2.000 MHz	200 W	2.7 kHz	1.810 – 2.000 MHz	100 W	2.7 kHz
80 m	3.500 – 3.800 MHz	200 W	2.7 kHz	3.500 – 3.800 MHz	100 W	2.7 kHz
60 m[1]	5.3515 – 5.3665 MHz	200 W	2.7 kHz	5.3515 – 5.3665 MHz	100 W	2.7 kHz
40 m	7.000 – 7.200 MHz	200 W	2.7 kHz	7.000 – 7.200 MHz	100 W	2.7 kHz
30 m	10.100 – 10.150 MHz	200 W	800 Hz	10.100 – 10.150 MHz	100 W	800 Hz
20 m	14.000 – 14.350 MHz	200 W	2.7 kHz	14.000 – 14.350 MHz	100 W	2.7 kHz
17 m	18.068 – 18.168 MHz	200 W	2.7 kHz	18.068 – 18.168 MHz	100 W	2.7 kHz
15 m	21.000 – 21.450 MHz	200 W	2.7 kHz	21.000 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.990 MHz	200 W	2.7 kHz	24.890 – 24.990 MHz	100 W	2.7 kHz
10 m	28.000 – 29.700 MHz	200 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz
6 m	50.000 – 52.000 MHz	200 W	12 kHz	50.000 – 52.000 MHz	100 W	12 kHz
4 m	70.000 – 70.300 MHz	20 W	12 kHz	70.000 – 70.300 MHz	20 W	12 kHz
2 m	144.000 – 146.000 MHz	200 W	40 kHz	144.000 – 146.000 MHz	100 W	40 kHz
70 cm	431.200 – 440.000 MHz	100 W	2 MHz	431.200 – 440.000 MHz	50 W	2 MHz
23 cm	1.240 – 1.300 GHz	100 W	2/7/18 MHz[1]	1.240 – 1.300 GHz	50 W	2/7/18 MHz[1]
13 cm	2.300 – 2.450 GHz	100 W	10/20 MHz[2]	2.300 – 2.450 GHz	50 W	10/20 MHz[2]
9 cm						
6 cm	5.650 – 5.850 GHz	100 W	10/20 MHz[2]	5.650 – 5.850 GHz	50 W	10/20 MHz[2]
3 cm	10.000 – 10.500 GHz	100 W	10/20 MHz[2]	10.000 – 10.500 GHz	50 W	10/20 MHz[2]
1.2 cm	24.000 – 24.050 GHz	100 W	any	24.000 – 24.050 GHz	50 W	any
	24.050 – 24.250 GHz	100 W	10/20 MHz[2]	24.000 – 24.250 GHz	50 W	10/20 MHz[2]
6 mm	47.000 – 47.200 GHz	100 W	any	47.000 – 47.200 GHz	50 W	any
4 mm	75.500 – 81.500 GHz	100 W	10/20 MHz[2]	75.500 – 81.500 GHz	50 W	10/20 MHz[2]
2.5 mm	122.250 – 123.000 GHz	100 W	10/20 MHz[2]	122.250 – 123.000 GHz	50 W	10/20 MHz[2]
2 mm	134.000 – 141.000 GHz	100 W	10/20 MHz[2]	134.000 – 141.000 GHz	50 W	10/20 MHz[2]
1.2 mm	241.000 – 250.000 GHz	100 W	any	241.000 – 250.000 GHz	50 W	any

Notes

[1] AM-TV: 7 MHz; FM-TV: 18 MHz; any other mode: 2 MHz
[2] FM-TV: 20 MHz; any other mode: 10 MHz

Info

Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii (ANCOM) – https://www.ancom.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATOR_002.pdf;
https://www.ancom.org.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATOR_en.pdf (current as of 2017-08-10); https://www.ancom.ro/uploads/links_files/HOTARAREA_GUVERNULUI_376_2020.pdf (current as of 2020-06-17);
https://www.ancom.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATOR_CONSOLIDATA_31_martie_2022.pdf (current as of 2022-03-31); https://www.ancom.ro/uploads/links_files/RO_IR_AT_01_v_1_0.pdf (current as of 2022-04-18)

*Russian Federation

	CEPT Licence	CEPT Novice Licence
Implementation	T/R 61-01 implemented, but Russian Federation removed from the List of Countries (T/R 61-01, Annex 2) **HAREC** T/R 61-02 implemented, but Russian Federation removed from the List of Countries (T/R 61-02, Annex 2)	ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	RA/	RC/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Category 2	Category 3

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	1	135.700 – 137.800 kHz	1 W EIRP	1
630 m						
160 m	1.810 – 1.838 MHz	10 W Pavg[2]	1	1.810 – 1.838 MHz	10 W Pavg	1
	1.838 – 1.840 MHz	10 W Pavg[2]	3	1.838 – 1.840 MHz	10 W Pavg	3
	1.840 – 1.950 MHz	10 W Pavg[2]	4	1.840 – 2.000 MHz	10 W Pavg	4
	1.950 – 2.000 MHz	10 W Pavg	4			
80 m	3.500 – 3.570 MHz	1000 W	1	3.500 – 3.570 MHz	10 W	1
	3.570 – 3.600 MHz	1000 W	3	3.570 – 3.600 MHz	10 W	3
	3.600 – 3.800 MHz	1000 W	4	3.600 – 3.800 MHz	10 W	4
60 m						
40 m	7.000 – 7.040 MHz	1000 W	1	7.000 – 7.040 MHz	10 W	1
	7.040 – 7.050 MHz	1000 W	3	7.040 – 7.050 MHz	10 W	3
	7.050 – 7.200 MHz	1000 W	4	7.050 – 7.100 MHz	10 W	4
30 m	10.100 – 10.130 MHz	1000 W	1	10.100 – 10.130 MHz	10 W	1
	10.130 – 10.150 MHz	1000 W	3	10.130 – 10.150 MHz	10 W	3
20 m	14.000 – 14.070 MHz	1000 W	1	14.000 – 14.070 MHz	10 W	1
	14.070 – 14.099 MHz	1000 W	3	14.070 – 14.099 MHz	10 W	3
	14.099 – 14.101 MHz[6]			14.099 – 14.101 MHz[6]		
	14.101 – 14.350 MHz	1000 W	4	14.101 – 14.350 MHz	10 W	4
17 m	18.068 – 18.095 MHz	1000 W	1	18.068 – 18.095 MHz	10 W	1
	18.095 – 18.109 MHz	1000 W	3	18.095 – 18.109 MHz	10 W	3
	18.109 – 18.111 MHz[6]			18.109 – 18.111 MHz[6]		
	18.111 – 18.168 MHz	1000 W	4	18.111 – 18.168 MHz	10 W	4
15 m	21.000 – 21.070 MHz	1000 W	1	21.000 – 21.070 MHz	10 W	1
	21.070 – 21.149 MHz	1000 W	3	21.070 – 21.149 MHz	10 W	3
	21.149 – 21.151 MHz[6]			21.149 – 21.151 MHz[6]		
	21.151 – 21.450 MHz	1000 W	4	21.151 – 21.450 MHz	10 W	4
12 m	24.890 – 24.915 MHz	1000 W	1	24.890 – 24.915 MHz	10 W	1
	24.915 – 24.929 MHz	1000 W	3	24.915 – 24.929 MHz	10 W	3
	24.929 – 24.931 MHz[6]			24.929 – 24.931 MHz[6]		
	24.931 – 24.990 MHz	1000 W	4	24.931 – 24.990 MHz	10 W	4
10 m	28.000 – 28.070 MHz	1000 W	1	28.000 – 28.070 MHz	10 W	1
	28.070 – 28.190 MHz	1000 W	3	28.070 – 28.190 MHz	10 W	3
	28.190 – 28.225 MHz[6]			28.190 – 28.225 MHz[6]		
	28.225 – 29.700 MHz	1000 W	5	28.225 – 29.700 MHz	10 W	5
6 m						
4 m						
2 m	144.000 – 144.025 MHz[7]		8	144.000 – 144.025 MHz[7]		8
	144.025 – 144.100 MHz	100 W[9]	8 10	144.025 – 144.100 MHz	10 W[9]	8 10
	144.100 – 144.150 MHz	100 W[9]	10 11	144.100 – 144.150 MHz	10 W[9]	10 11
	144.150 – 144.165 MHz	100 W[9]	10 12	144.150 – 144.165 MHz	10 W[9]	10 12
	144.165 – 144.180 MHz	100 W	12	144.165 – 144.180 MHz	10 W	12
	144.180 – 144.399 MHz	100 W	10 12	144.180 – 144.399 MHz	10 W	10 12
	144.400 – 144.491 MHz[6]			144.400 – 144.491 MHz[6]		
	144.491 –145.594 MHz[14]	100 W	13	144.491 –145.594 MHz[14]	10 W	13
	145.594 –145.7935 MHz[15]			145.594 –145.7935 MHz[15]		
	145.7935 – 146.000 MHz	100 W	12	145.7935 – 146.000 MHz	10 W	12
70 cm[16]	430.000 – 432.000 MHz	10 W	17	430.000 – 432.000 MHz	10 W	17
	432.000 – 432.100 MHz	10 W[9]	10 18	432.000 – 432.100 MHz	10 W[9]	10 18
	432.100 – 432.400 MHz	10 W[9]	10 19	432.100 – 432.400 MHz	10 W[9]	10 19
	432.400 – 432.500 MHz[6]			432.400 – 432.500 MHz[6]		
	432.500 – 434.000 MHz[20]	10 W	19	432.500 – 434.000 MHz[20]	10 W	19
	434.000 – 434.025 MHz	10 W[9]	10 21	434.000 – 434.025 MHz	10 W[9]	10 21
	434.025 – 434.100 MHz	10 W[9]	10 21	434.025 – 434.100 MHz	10 W[9]	10 21
	434.100 –440.000 MHz[22]	10 W	19	434.100 –440.000 MHz[22]	10 W	19
23 cm	1.260 – 1.296 GHz[23]	10 W	24	1.260 – 1.296 GHz[23]	10 W	24
	1.296 – 1.29615 GHz	10 W[9]	10 24	1.296 – 1.29615 GHz	10 W[9]	10 24
	1.29615 – 1.2968 GHz	10 W	24	1.29615 – 1.2968 GHz	10 W	24
	1.2968 – 1.296994 GHz[6]			1.2968 – 1.296994 GHz[6]		

	1.296994	–	1.29749 GHz[25]			1.296994	–	1.29749 GHz[25]		
	1.29749	–	1.300 GHz	10 W	24	1.29749	–	1.300 GHz	10 W	24
13 cm	2.400	–	2.450 GHz[26]	10 W	27	2.400	–	2.450 GHz[26]	10 W	27
9 cm										
6 cm	5.650	–	5.670 GHz	10 W	28	5.650	–	5.670 GHz	10 W	28
	5.725	–	5.760 GHz	10 W	28	5.725	–	5.760 GHz	10 W	28
	5.760	–	5.762 GHz[29]	10 W[30]	28 31	5.760	–	5.762 GHz[29]	10 W[30]	28 31
	5.762	–	5.850 GHz	10 W	28	5.762	–	5.850 GHz	10 W	28
3 cm	10.000	–	10.500 GHz[32]	10 W	28	10.000	–	10.500 GHz[32]	10 W	28
1.2 cm	24.000	–	24.250 GHz[33]	10 W	28	24.000	–	24.250 GHz[33]	10 W	28
6 mm	47.000	–	47.002 GHz	10 W[30]	28 34	47.000	–	47.002 GHz	10 W[30]	28 34
	47.002	–	47.088 GHz	10 W	28	47.002	–	47.088 GHz	10 W	28
	47.088	–	47.090 GHz	10 W[30]	28 34	47.088	–	47.090 GHz	10 W[30]	28 34
	47.090	–	47.200 GHz	10 W	28	47.090	–	47.200 GHz	10 W	28
4 mm	76.000	–	77.500 GHz	10 W	28	76.000	–	77.500 GHz	10 W	28
	77.500	–	77.501 GHz	10 W[30]	28 35	77.500	–	77.501 GHz	10 W[30]	28 35
	77.501	–	78.000 GHz	10 W	28	77.501	–	78.000 GHz	10 W	28
2.5 mm	122.250	–	122.251 GHz	10 W[30]	28 35	122.250	–	122.251 GHz	10 W[30]	28 35
	122.251	–	123.000 GHz	10 W	28	122.251	–	123.000 GHz	10 W	28
2 mm	134.000	–	134.001 GHz	10 W[30]	28 35	134.000	–	134.001 GHz	10 W[30]	28 35
	134.001	–	141.000 GHz	10 W	28	134.001	–	141.000 GHz	10 W	28
1.2 mm	241.000	–	248.000 GHz	10 W	28	241.000	–	248.000 GHz	10 W	28
	248.000	–	248.001 GHz	10 W[30]	28 35	248.000	–	248.001 GHz	10 W[30]	28 35
	248.001	–	250.000 GHz	10 W	28	248.001	–	250.000 GHz	10 W	28

Notes

1 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B
2 500 W PEP in contests
3 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
4 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E
5 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E
6 Beacon stations, reception only
7 Space communication only
8 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A
9 EME, MS communication: 1500 W PEP
10 EME, MS communication: 50H0A1A, 50H0J2A, 1K80F1B
11 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
12 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K40J2D, 2K70J2E, 5K76G1E, 7K60F1D, 8K10F1E, 11K0F1D
13 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E
14 145.000–145.175 MHz: repeater stations (input)
15 145.600–145.775 MHz: repeater stations (output)
16 430.000–433.000 MHz: no transmission in 350 km radius of the centre of Moscow
16 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W
17 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
18 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W
19 433.025–433.375 MHz: repeater stations (input)
20 150HA1A, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
21 434.625–434.975 MHz: repeater stations (output)
22 1.291000–1.291475 GHz: repeater stations (input)
23 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 16K0D1D, 150KF1W, 2M50G7W
24 1.297000–1.297475 GHz: repeater stations (output)
25 Space communication space–ground only
26 150HA1A, 150HJ2A, 2K70J3E, 2K70J2E, 16K0F3E, 44K2F1D, 88K3F1D, 350KF1D, 2M50G7W
27 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 16K0D1D, 150KF1W, 10M50G7W
28 5.7608–5.76099 GHz: temporary beacon stations
29 EME, MS communication: 100 W PEP
30 EME, MS communication: 50H0A1A, 50H0J2A, 1K80F1B, 1K50J2D
31 10.36875–10.36899 GHz: temporary beacon stations
32 24.0488–24.04899 GHz: temporary beacon stations
33 50H0A1A, 50H0J2A, 1K80F1B, 2K00J2D
34 50H0A1A, 50H0J2A, 1K80F1B, 2K40J2D

Info

Glavnyj Radiochastotnyj Tsentr (GRChTs)/General Radio Frequency Centre (GRFC) – http://www.grfc.ru/upload/medialibrary/b8a/prilozhenie-k-resheniyu-gkrch-ot-16.10.2015-_-15_35_02.pdf (current as of 2015-10-16);

https://grfc.ru/upload/medialibrary/3ee/Reshenie_GKRCH_ot_15.07.2010_10_07_01_ver._1_1223504848588.docx (current as of 2018-04-16)

San Marino

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented

Serbia

Implementation	**CEPT Licence**						**CEPT Novice Licence**
	T/R 61-01 implemented						ECC/REC/(05)06 not implemented
	HAREC						
	T/R 61-02 implemented						
Call sign prefix	YU/						
Extensions	/AM, /M, /P (optional)						
Equivalent national class	Class 1						
Band	**Frequency Range**				**Power (PEP)**	**Bandwidth/ Mode[1]**	
2200 m	135.700	–	137.800	kHz	1 W EIRP	any	
630 m	472.000	–	479.000	kHz	1 W EIRP	any	
160 m	1.810	–	2.000	MHz	1000 W	any	
80 m	3.500	–	3.800	MHz	1500 W	any	
60 m	5.3515	–	5.3665	MHz	15 W EIRP	any	
40 m	7.000	–	7.200	MHz	1500 W	any	
30 m	10.100	–	10.150	MHz	300 W	any	
20 m	14.000	–	14.350	MHz	1500 W	any	
17 m	18.068	–	18.168	MHz	1500 W	any	
15 m	21.000	–	21.450	MHz	1500 W	any	
12 m	24.890	–	24.990	MHz	1500 W	any	
10 m	28.000	–	29.750	MHz	1500 W	any	
6 m	50.000	–	51.900	MHz	100 W	any	
4 m	70.000	–	70.450	MHz	10 W	any	
2 m	144.000	–	146.000	MHz	1500 W	any	
70 cm	430.000	–	440.000	MHz	1500 W	any	
23 cm	1.240	–	1.300	GHz	300 W	any	
13 cm	2.300	–	2.450	GHz	300 W	any	
9 cm							
6 cm	5.650	–	5.850	GHz	300 W	any	
3 cm	10.000	–	10.500	GHz	150 W	any	
1.2 cm	24.000	–	24.250	GHz	75 W	any	
6 mm	47.000	–	47.200	GHz	75 W	any	
4 mm	76.000	–	81.500	GHz	75 W	any	
2.5 mm	122.250	–	123.000	GHz	75 W	any	
2 mm	134.000	–	141.000	GHz	75 W	any	
1.2 mm	241.000	–	250.000	GHz	75 W	any	

Notes

[1] Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

Info

Republic Agency for Electronic Communications (RATEL) – https://www.ratel.rs/uploads/documents/empire_plugin/5b890a50e2440.pdf (2018-05-29); https://www.ratel.rs/uploads/documents/pdf_documents/editor_files/File/Regulativa/Pravilnici/Pravilnik%20o%20radioamaterima,%20korigovan.pdf (current as of 2018-07-18); https://www.ratel.rs/uploads/documents/empire_plugin/План намене радио-фреквенцијских опсега.pdf (current as of 2020-07-03)

Slovak Republic

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	OM/	OM/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Class E	Class N

Band	Frequency Range[1]	Power (PEP)[1]	Bandwidth/ Modes[2]	Frequency Range[1]	Power (PEP)[1]	Bandwidth/ Modes[2]
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz[3]	135.700 – 137.800 kHz	1 W EIRP	200 Hz[3]
630 m	472.000 – 475.000 kHz	1 W EIRP[4]	200 Hz[5]	472.000 – 475.000 kHz	1 W EIRP[4]	200 Hz[5]
	475.000 – 479.000 kHz	1 W EIRP[4]		475.000 – 479.000 kHz	1 W EIRP[4]	
160 m	1.810 – 1.838 MHz	750 W	200 Hz[5]	1.810 – 1.838 MHz	100 W	200 Hz[5]
	1.838 – 1.840 MHz	750 W	500 Hz	1.838 – 1.840 MHz	100 W	500 Hz
	1.840 – 1.850 MHz	750 W	2.7 kHz	1.840 – 1.850 MHz	100 W	2.7 kHz
	1.850 – 2.000 MHz	10 W	2.7 kHz	1.850 – 2.000 MHz	10 W	2.7 kHz
80 m	3.500 – 3.570 MHz	750 W	200 Hz[5]	3.500 – 3.570 MHz	100 W	200 Hz[5]
	3.570 – 3.580 MHz	750 W	200 Hz	3.570 – 3.580 MHz	100 W	200 Hz
	3.580 – 3.600 MHz	750 W	500 Hz	3.580 – 3.600 MHz	100 W	500 Hz
	3.600 – 3.800 MHz	750 W	2.7 kHz	3.600 – 3.800 MHz	100 W	2.7 kHz
60 m	5.3515 – 5.354 MHz	15 W EIRP	200 Hz[5]	5.3515 – 5.354 MHz	15 W EIRP	200 Hz[5]
	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz
	5.366 – 5.3665 MHz	15 W EIRP	20 Hz	5.366 – 5.3665 MHz	15 W EIRP	20 Hz
40 m	7.000 – 7.040 MHz	750 W	200 Hz[5]	7.000 – 7.040 MHz	100 W	200 Hz[5]
	7.040 – 7.050 MHz	750 W	500 Hz	7.040 – 7.050 MHz	100 W	500 Hz
	7.050 – 7.200 MHz	750 W	2.7 kHz	7.050 – 7.200 MHz	100 W	2.7 kHz
30 m	10.100 – 10.130 MHz	750 W	200 Hz[5]	10.100 – 10.130 MHz	100 W	200 Hz[5]
	10.130 – 10.150 MHz	750 W	500 Hz	10.130 – 10.150 MHz	100 W	500 Hz
20 m	14.000 – 14.070 MHz	750 W	200 Hz[5]	14.000 – 14.070 MHz	100 W	200 Hz[5]
	14.070 – 14.099 MHz	750 W	500 Hz	14.070 – 14.099 MHz	100 W	500 Hz
	14.099 – 14.101 MHz[6]			14.099 – 14.101 MHz[6]		
	14.101 – 14.350 MHz	750 W	2.7 kHz	14.101 – 14.350 MHz	100 W	2.7 kHz
17 m	18.068 – 18.095 MHz	750 W	200 Hz[5]	18.068 – 18.095 MHz	100 W	200 Hz[5]
	18.095 – 18.109 MHz	750 W	500 Hz	18.095 – 18.109 MHz	100 W	500 Hz
	18.109 – 18.111 MHz[6]			18.109 – 18.111 MHz[6]		
	18.111 – 18.168 MHz	750 W	2.7 kHz	18.111 – 18.168 MHz	100 W	2.7 kHz
15 m	21.000 – 21.070 MHz	750 W	200 Hz[5]	21.050 – 21.070 MHz	100 W	200 Hz[5]
	21.070 – 21.110 MHz	750 W	500 Hz	21.070 – 21.110 MHz	100 W	500 Hz
	21.110 – 21.120 MHz	750 W	2.7 kHz	21.110 – 21.120 MHz	100 W	2.7 kHz
	21.120 – 21.149 MHz	750 W	500 Hz	21.120 – 21.149 MHz	100 W	500 Hz
	21.149 – 21.151 MHz[6]			21.149 – 21.151 MHz[6]		
	21.151 – 21.450 MHz	750 W	2.7 kHz	21.151 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.915 MHz	750 W	200 Hz[5]	24.890 – 24.915 MHz	100 W	200 Hz[5]
	24.915 – 24.929 MHz	750 W	500 Hz	24.915 – 24.929 MHz	100 W	500 Hz
	24.929 – 24.931 MHz[6]			24.929 – 24.931 MHz[6]		
	24.931 – 24.990 MHz	750 W	2.7 kHz	24.931 – 24.990 MHz	100 W	2.7 kHz
10 m	28.000 – 28.070 MHz	750 W	200 Hz[5]	28.000 – 28.070 MHz	100 W	200 Hz[5]
	28.070 – 28.190 MHz	750 W	500 Hz	28.070 – 28.190 MHz	100 W	500 Hz
	28.190 – 28.225 MHz[6]			28.190 – 28.225 MHz[6]		
	28.225 – 29.000 MHz	750 W	2.7 kHz	28.225 – 29.000 MHz	100 W	2.7 kHz
	29.000 – 29.300 MHz	750 W	6 kHz	29.000 – 29.300 MHz	100 W	6 kHz
	29.300 – 29.510 MHz[7]	750 W	6 kHz	29.300 – 29.510 MHz[7]	100 W	6 kHz
	29.510 – 29.520 MHz[8]			29.510 – 29.520 MHz[8]		
	29.520 – 29.700 MHz	750 W	6 kHz	29.520 – 29.700 MHz	100 W	6 kHz
6 m	50.000 – 50.100 MHz	750 W	500 Hz[9]	50.000 – 50.100 MHz	100 W	500 Hz[9]
	50.100 – 50.300 MHz	750 W	2.7 kHz[10]	50.100 – 50.300 MHz	100 W	2.7 kHz[10]
	50.300 – 50.400 MHz	750 W	2.7 kHz[11]	50.300 – 50.400 MHz	100 W	2.7 kHz[11]
	50.400 – 50.500 MHz	750 W	1 kHz[12]	50.400 – 50.500 MHz	100 W	1 kHz[12]
	50.500 – 52.000 MHz	750 W	12 kHz	50.500 – 52.000 MHz	100 W	12 kHz
4 m	70.000 – 70.100 MHz	10 W ERP	1 kHz[12]	70.000 – 70.100 MHz	10 W ERP	1 kHz[12]
	70.100 – 70.250 MHz	10 W ERP	2.7 kHz[13]	70.100 – 70.250 MHz	10 W ERP	2.7 kHz[13]
	70.250 – 70.294 MHz	10 W ERP	12 kHz[14]	70.250 – 70.294 MHz	10 W ERP	12 kHz[14]
	70.294 – 70.500 MHz	10 W ERP	12 kHz[15]	70.294 – 70.500 MHz	10 W ERP	12 kHz[15]
2 m	144.000 – 144.025 MHz	750 W	2.7 kHz	144.000 – 144.025 MHz	100 W	2.7 kHz
	144.025 – 144.100 MHz	750 W	500 Hz[5]	144.025 – 144.100 MHz	100 W	500 Hz[5]
	144.100 – 144.150 MHz	750 W	500 Hz[12]	144.100 – 144.150 MHz	100 W	500 Hz[12]
	144.150 – 144.400 MHz	750 W	2.7 kHz[13]	144.150 – 144.400 MHz	100 W	2.7 kHz[13]
	144.400 – 144.490 MHz	750 W	500 Hz[12]	144.400 – 144.490 MHz	100 W	500 Hz[12]
	144.491 – 144.493 MHz	750 W	500 Hz[16]	144.491 – 144.493 MHz	100 W	500 Hz[16]
	144.500 – 144.794 MHz	750 W	20 kHz	144.500 – 144.794 MHz	100 W	20 kHz

	144.794	–144.9625 MHz	750 W	12 kHz[17]	144.794	–144.9625 MHz	100 W	12 kHz[17]
	144.975	– 145.194 MHz	750 W	12 kHz[18]	144.975	– 145.194 MHz	100 W	12 kHz[18]
	145.194	– 145.206 MHz	750 W	12 kHz[19]	145.194	– 145.206 MHz	100 W	12 kHz[19]
	145.206	–145.5625 MHz	750 W	12 kHz[20]	145.206	–145.5625 MHz	100 W	12 kHz[20]
	145.575	–145.7935 MHz	750 W	12 kHz[21]	145.575	–145.7935 MHz	100 W	12 kHz[21]
	145.794	– 145.806 MHz	750 W	12 kHz[19]	145.794	– 145.806 MHz	100 W	12 kHz[19]
	145.806	– 146.000 MHz	750 W	12 kHz	145.806	– 146.000 MHz	100 W	12 kHz
70 cm	430.000	– 431.975 MHz	750 W	20 kHz	430.000	– 431.975 MHz	100 W	20 kHz
	432.000	– 432.100 MHz	750 W	500 Hz[12]	432.000	– 432.100 MHz	100 W	500 Hz[12]
	432.100	– 432.400 MHz	750 W	2.7 kHz[13]	432.100	– 432.400 MHz	100 W	2.7 kHz[13]
	432.400	– 432.490 MHz	750 W	500 Hz[12]	432.400	– 432.490 MHz	100 W	500 Hz[12]
	432.500	– 432.975 MHz	750 W	12 kHz	432.500	– 432.975 MHz	100 W	12 kHz
	433.000	– 433.575 MHz	750 W	12 kHz[20]	433.000	– 433.575 MHz	100 W	12 kHz[20]
	433.600	– 434.000 MHz	750 W	any	433.600	– 434.000 MHz	100 W	any
	434.000	– 434.981 MHz	750 W	12 kHz[22]	434.000	– 434.981 MHz	100 W	12 kHz[22]
	435.000	– 436.000 MHz	750 W	[7]	435.000	– 436.000 MHz	100 W	[7]
	436.000	– 438.000 MHz	750 W	[23]	436.000	– 438.000 MHz	100 W	[23]
	438.000	– 440.000 MHz	750 W	any	438.000	– 440.000 MHz	100 W	any
23 cm	1.240	– 1.2405 GHz	750 W	2.7 kHz	1.240	– 1.2405 GHz	100 W	2.7 kHz
	1.2405	– 1.24075 GHz	750 W	500 Hz[24]	1.2405	– 1.24075 GHz	100 W	500 Hz[24]
	1.24075	– 1.241 GHz	750 W	20 kHz[20]	1.24075	– 1.241 GHz	100 W	20 kHz[20]
	1.241	– 1.24325 GHz	750 W	20 kHz	1.241	– 1.24325 GHz	100 W	20 kHz
	1.24325	– 1.260 GHz	750 W	[25]	1.24325	– 1.260 GHz	100 W	[25]
	1.260	– 1.270 GHz	750 W	[7]	1.260	– 1.270 GHz	100 W	[7]
	1.270	– 1.272 GHz	750 W	20 kHz	1.270	– 1.272 GHz	100 W	20 kHz
	1.272	–1.290994 GHz	750 W	[25]	1.272	–1.290994 GHz	100 W	[25]
	1.290994	–1.291481 GHz	750 W	20 kHz[20]	1.290994	–1.291481 GHz	100 W	20 kHz[20]
	1.291494	– 1.296 GHz	750 W	[26]	1.240	– 1.300 GHz	100 W	[26]
	1.296	– 1.29615 GHz	750 W	500 Hz[12]	1.296	– 1.29615 GHz	100 W	500 Hz[12]
	1.29615	– 1.2968 GHz	750 W	2.7 kHz[13]	1.29615	– 1.2968 GHz	100 W	2.7 kHz[13]
	1.2968	–1.296994 GHz	750 W	500 Hz[24]	1.2968	–1.296994 GHz	100 W	500 Hz[24]
	1.296994	–1.297481 GHz	750 W	20 kHz[20]	1.296994	–1.297481 GHz	100 W	20 kHz[20]
	1.298	– 1.299 GHz	750 W	20 kHz	1.298	– 1.299 GHz	100 W	20 kHz
	1.299	– 1.29975 GHz	750 W	150 kHz	1.299	– 1.29975 GHz	100 W	150 kHz
	1.29975	– 1.300 GHz	750 W	20 kHz	1.29975	– 1.300 GHz	100 W	20 kHz
13 cm	2.300	– 2.320 GHz	750 W	20 kHz	2.300	– 2.320 GHz	100 W	20 kHz
	2.320	– 2.3208 GHz	750 W	any	2.320	– 2.3208 GHz	100 W	any
	2.3208	– 2.321 GHz	750 W	[24]	2.3208	– 2.321 GHz	100 W	[24]
	2.321	– 2.322 GHz	750 W	20 kHz[20]	2.321	– 2.322 GHz	100 W	20 kHz[20]
	2.322	– 2.400 GHz	750 W	any	2.322	– 2.400 GHz	100 W	any
	2.400	– 2.450 GHz	750 W	[7]	2.400	– 2.450 GHz	100 W	[7]
9 cm	3.400	– 3.4008 GHz	750 W	500 Hz[12]	3.400	– 3.4008 GHz	100 W	500 Hz[12]
	3.4008	–3.400995 GHz	750 W	500 Hz[24]	3.4008	–3.400995 GHz	100 W	500 Hz[24]
	3.401	– 3.410 GHz	750 W	2.7 kHz	3.401	– 3.410 GHz	100 W	2.7 kHz
6 cm	5.650	– 5.670 GHz	750 W	2.7 kHz	5.650	– 5.670 GHz	100 W	2.7 kHz
	5.670	– 5.700 GHz	750 W	[17]	5.670	– 5.700 GHz	100 W	[17]
	5.720	– 5.760 GHz	750 W	any	5.720	– 5.760 GHz	100 W	any
	5.760	– 5.7608 GHz	750 W	2.7 kHz	5.760	– 5.7608 GHz	100 W	2.7 kHz
	5.7608	– 5.76099 GHz	750 W	[24]	5.7608	– 5.76099 GHz	100 W	[24]
	5.761	– 5.762 GHz	750 W	2.7 kHz	5.761	– 5.762 GHz	100 W	2.7 kHz
	5.762	– 5.850 GHz	750 W	any	5.762	– 5.850 GHz	100 W	any
3 cm	10.000	– 10.150 GHz	750 W	[17]	10.000	– 10.150 GHz	100 W	[17]
	10.150	– 10.250 GHz	750 W	any	10.150	– 10.250 GHz	100 W	any
	10.250	– 10.350 GHz	750 W	[17]	10.250	– 10.350 GHz	100 W	[17]
	10.350	– 10.368 GHz	750 W	any	10.350	– 10.368 GHz	100 W	any
	10.368	– 10.3688 GHz	750 W	2.7 kHz	10.368	– 10.3688 GHz	100 W	2.7 kHz
	10.3688	–10.36899 GHz	750 W	[6]	10.3688	–10.36899 GHz	100 W	[6]
	10.369	– 10.370 GHz	750 W	2.7 kHz	10.369	– 10.370 GHz	100 W	2.7 kHz
	10.370	– 10.500 GHz	750 W	any	10.370	– 10.500 GHz	100 W	any
1.2 cm	24.000	– 24.048 GHz	750 W	any	24.000	– 24.048 GHz	100 W	any
	24.048	– 24.0488 GHz	750 W	2.7 kHz	24.048	– 24.0488 GHz	100 W	2.7 kHz
	24.0488	–24.048995 GHz	750 W	[6]	24.0488	–24.048995 GHz	100 W	[6]
	24.049	– 24.050 GHz	750 W	2.7 kHz	24.049	– 24.050 GHz	100 W	2.7 kHz
	24.050	– 24.250 GHz	750 W	any	24.000	– 24.250 GHz	100 W	any
6 mm	47.000	– 47.088 GHz	750 W	any	47.000	– 47.088 GHz	100 W	any
	47.088	– 47.090 GHz	750 W	2.7 kHz	47.088	– 47.090 GHz	100 W	2.7 kHz
	47.090	– 47.200 GHz	750 W	any	47.090	– 47.200 GHz	100 W	any
4 mm	75.500	– 76.000 GHz	750 W	2.7 kHz	75.500	– 76.000 GHz	100 W	2.7 kHz
	76.000	– 77.500 GHz	750 W	any	76.000	– 77.500 GHz	100 W	any
	77.500	– 77.501 GHz	750 W	2.7 kHz	77.500	– 77.501 GHz	100 W	2.7 kHz
	77.501	– 81.000 GHz	750 W	any	77.501	– 81.000 GHz	100 W	any
2.5 mm	122.250	– 122.251 GHz	750 W	2.7 kHz	122.250	– 122.251 GHz	100 W	2.7 kHz
	122.251	– 123.000 GHz	750 W	any	122.251	– 123.000 GHz	100 W	any
2 mm	134.000	– 134.928 GHz	750 W	any	134.000	– 134.928 GHz	100 W	any
	134.928	– 134.930 GHz	750 W	2.7 kHz	134.928	– 134.930 GHz	100 W	2.7 kHz
	134.930	– 141.000 GHz	750 W	any	134.930	– 141.000 GHz	100 W	any

1.2 mm	241.000 – 250.000 GHz	750 W	any	241.000 – 250.000 GHz	100 W	any

Notes

1 The official amateur radio regulations published on 2022-09-01 do not contain any definition regarding Classes E and N in terms of frequency ranges and power classes. In an announcement dated 2022-08-31 (http://www.hamradio.sk/), the national Slovak amateur radio club Slovenský zväz rádioamatérov (SZR) recommended to adhere to the power limits that had been applied before the new regulation came into force. In another announcement dated 2023-02-15, the SZR described the administrative procedure, by which new amateur radio permits are now being issued that indicate the maximum power according to the licence class.
2 Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
3 CW, QRSS, digital
4 5 W EIRP in geographical areas with a distance of more than 800 km from the border
5 CW
6 Beacon stations, reception only
7 Satellite communication
8 Guard channel
9 Beacon stations, CW
10 SSB, CW
11 Any mode, digital
12 Digital, CW
13 Digital, CW, SSB
14 AM, FM
15 FM
16 Digital, beacon stations
17 Digital
18 FM, digital voice, repeater stations (input)
19 FM, digital voice, space communication
20 FM, digital voice
21 FM, digital voice, repeater stations (output)
22 Any mode, ATV
23 Satellite communication, DATV, data
24 Digital, CW, beacon stations
25 ATV, DATV
26 Repeater input

Info

Telekomunikačný úrad – https://www.teleoff.gov.sk/data/files/6322.pdf (current as of 2015-12-04); Zbierka Zákonov – https://www.slov-lex.sk/static/pdf/2022/291/ZZ_2022_291_20220901.pdf (current as of 2022-09-01)

Slovenia

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented	CEPT Novice Licence ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	S5/	S5/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Class A	Class N

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]
2200 m	135.700 – 137.800 kHz	1 W EIRP	500 Hz			
630 m	472.000 – 479.000 kHz	5 W EIRP	any			
160 m	1.810 – 2.000 MHz	1500 W	any			
80 m	3.500 – 3.800 MHz	1500 W	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	1500 W	any	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	300 W	any			
20 m	14.000 – 14.350 MHz	1500 W	any			
17 m	18.068 – 18.168 MHz	1500 W	any			
15 m	21.000 – 21.450 MHz	1500 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1500 W	any			
10 m	28.000 – 29.700 MHz	1500 W	any	28.000 – 29.700 MHz	100 W	any
8 m	40.660 – 40.700 MHz	100 W	any			
6 m	50.000 – 52.000 MHz	100 W	any	50.000 – 52.000 MHz	25 W	any
4 m	70.000 – 70.450 MHz	100 W	any	70.000 – 70.450 MHz	25 W	any
2 m	144.000 – 146.000 MHz	1500 W	any	144.000 – 146.000 MHz	25 W	any
70 cm	430.000 – 432.000 MHz	50 W	any	430.000 – 440.000 MHz	25 W	any
	432.000 – 438.000 MHz	1500 W	any			
	438.000 – 440.000 MHz	50 W	any			
23 cm	1.240 – 1.300 GHz	300 W	any			
13 cm	2.300 – 2.450 GHz	300 W	any			
9 cm	3.400 – 3.410 GHz	100 W	any			
6 cm	5.650 – 5.830 GHz	100 W	any			
3 cm	10.000 – 10.500 GHz	100 W	any			
1.2 cm	24.000 – 24.250 GHz	50 W	any			
6 mm	47.000 – 48.500 GHz	50 W	any			
4 mm	75.500 – 81.500 GHz	50 W	any			
2.5 mm	122.250 – 123.000 GHz	50 W	any			
2 mm	134.000 – 141.000 GHz	50 W	any			
1.2 mm	241.000 – 250.000 GHz	50 W	any			

Notes

[1] Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

Info

Agencija za komunikacijska omrežja in storitve Republike Slovenije (AKOS-RS) – http://pisrs.si/Pis.web/pregledPredpisa?id=AKT_1304 (current as of 2023-01-30)

*South Africa

Implementation	**CEPT Licence** T/R 61-01 implemented[1 2] **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	ZS/ Optional digit designating the province: ZS1/ Western Cape ZS2/ Eastern Cape ZS3/ Northern Cape ZS4/ Free State ZS5/ KwaZulu-Natal ZS6/ Gauteng, Limpopo, Mpumalanga, North West	
Extensions		
Equivalent national class	Class A	

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700 – 137.800 kHz	1 W EIRP	any[3]
630 m	472.000 – 479.000 kHz	5 W EIRP	any[3]
160 m	1.810 – 2.000 MHz	1000 W	any[3]
80 m	3.500 – 3.800 MHz	1000 W	any[3]
60 m	5.350 – 5.450 MHz	15 W EIRP	any[3]
40 m	7.000 – 7.200 MHz	1000 W	any[3]
30 m	10.100 – 10.150 MHz	400 W	any[3]
20 m	14.000 – 14.350 MHz	1000 W	any[3]
17 m	18.068 – 18.168 MHz	1000 W	any[3]
15 m	21.000 – 21.450 MHz	1000 W	any[3]
12 m	24.890 – 24.990 MHz	1000 W	any[3]
10 m	28.000 – 29.700 MHz	1000 W	any[3]
6 m	50.000 – 53.000 MHz	1000 W	any[3]
	53.000 – 54.000 MHz	400 W	any[3]
4 m	70.000 – 70.300 MHz	400 W	any[3]
2 m	144.000 – 146.000 MHz	1000 W	any[3]
70 cm	430.000 – 440.000 MHz	1000 W	any[3]
23 cm	1.240 – 1.300 GHz	1000 W	any[4]
13 cm	2.300 – 2.450 GHz	400 W	any[4]
9 cm			
6 cm	5.650 – 5.850 GHz	400 W	any[4]
3 cm	10.000 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	400 W	any
4 mm	75.500 – 81.000 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 250.000 GHz	400 W	any

Notes

1 Guest licence and landing permission required for SANAE base in Antarctica (ZS7), Prince Edward Island and Marion Island (ZS8)

2 According to the South African Radio League (SARL), visitors must inform the SARL of their visit, dates and contact details while in South Africa. This information should be applied at least one week before the visit to admin@sarl.org.za.

3 Any mode except pulse or fast scan TV

4 Any mode except pulse

Info

South African Radio League (SARL) – http://www.sarl.org.za/Web3/Members/DoDocDownload.aspx?X=20150826225225XIPBDepvPP.PDF (current as of 2015-04-05); http://www.sarl.org.za/public/licences/guest.asp (current as of 2022-04-04); Independent Communications Authority of South Africa (ICASA) – https://www.icasa.org.za/uploads/files/Radio-Frequency-Spectrum-Regulations-2015.pdf (current as of 2017-04-06); https://www.icasa.org.za/uploads/files/National-Radio-Frequency-Plan-2018-41650.pdf (current as of 2018-05-25)

Spain

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	EA/ Optional digit designating the district: EA1/ Asturias, Ávila, Burgos, Cantabria, La Coruña, La Rioja, León, Lugo, Orense, Palencia, Pontevedra, Salamanca, Segovia, Soria, Valladolid, Zamora EA2/ Álava, Guipúzcoa, Huesca, Navarra, Teruel, Vizcaya, Zaragoza EA3/ Barcelona, Girona, Lleida, Tarragona EA4/ Badajoz, Cáceres, Ciudad Real, Cuenca, Guadalajara, Madrid, Toledo EA5/ Albacete, Alicante, Castellón, Murcia, Valencia EA6/ Baleares EA7/ Almería, Cádiz, Córdoba, Granada, Huelva, Jaén, Málaga, Sevilla EA8/ Las Palmas, Santa Cruz de Tenerife EA9/ Ceuta, Melilla	
Extensions	/M, /MA [móvil aeronáutica], /MM, /P (optional)	
Equivalent national class	CEPT	

Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**[1]
2200 m	135.700	–	137.800 kHz	1 W EIRP	200 Hz
630 m	472.000	–	479.000 kHz	1 W EIRP[2]	any
160 m	1.810	–	1.830 MHz	500 W	6 kHz
	1.830	–	1.850 MHz	1000 W	6 kHz
	1.850	–	2.000 MHz[3]	1000 W	6 kHz
80 m	3.500	–	3.800 MHz	1000 W	6 kHz
60 m	5.3515	–	5.3665 MHz	15 W EIRP	3 kHz
40 m	7.000	–	7.200 MHz	1000 W	6 kHz
30 m	10.100	–	10.150 MHz	500 W	6 kHz
20 m	14.000	–	14.350 MHz	1000 W	6 kHz
17 m	18.068	–	18.168 MHz	1000 W	6 kHz
15 m	21.000	–	21.450 MHz	1000 W	6 kHz
12 m	24.890	–	24.990 MHz	1000 W	6 kHz
10 m	28.000	–	29.700 MHz	1000 W	6 kHz
6 m	50.000	–	52.000 MHz	600 W	16 kHz
4 m	70.150	–	70.250 MHz	600 W	any
2 m	144.000	–	146.000 MHz	600 W[4]	16 kHz
70 cm	430.000	–	440.000 MHz	300 W[4]	16 kHz
23 cm	1.240	–	1.300 GHz	500 W EIRP	any
13 cm	2.300	–	2.316 GHz[5]	500 W EIRP	any
	2.316	–	2.332 GHz	500 W EIRP	any[6]
	2.332	–	2.450 GHz[5]	500 W EIRP	any
9 cm					
6 cm	5.650	–	5.660 GHz[5]	500 W EIRP	any
	5.660	–	5.684 GHz	500 W EIRP	any
	5.684	–	5.850 GHz[5]	500 W EIRP	any
3 cm	10.000	–	10.500 GHz	500 W EIRP	any
1.2 cm	24.000	–	24.050 GHz	1000 W EIRP	any
	24.050	–	24.250 GHz[5]	500 W EIRP	any
6 mm	47.000	–	47.200 GHz	1000 W EIRP	any
4 mm	76.000	–	77.500 GHz[5]	1000 W EIRP	any
	77.500	–	78.000 GHz	1000 W EIRP	any
	78.000	–	81.000 GHz[5]	1000 W EIRP	any
2.5 mm[5]	122.250	–	123.000 GHz[5]	500 W EIRP	any
2 mm	134.000	–	136.000 GHz	1000 W EIRP	any
	136.000	–	141.000 GHz[5]	500 W EIRP	any
1.2 mm	241.000	–	248.000 GHz	1000 W EIRP	any
	248.000	–	250.000 GHz[5]	500 W EIRP	any

Notes

1 Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
2 5 W EIRP in geographical areas with a distance of more than 800 km from the African continent
3 Contest operation only in international contests
4 1000 W PEP for EME and Meteor Scatter operation
5 Special permission required

[6] 2.320–2.321 GHz: no FM operation permitted

Info
Ministerio de Industria, Energía y Turismo – https://www.boe.es/boe/dias/2013/07/12/pdfs/BOE-A-2013-7624.pdf (current as of 2013-07-12); https://www.boe.es/boe/dias/2015/07/09/pdfs/BOE-A-2015-7704.pdf (current as of 2015-07-09); https://www.boe.es/boe/dias/2015/11/13/pdfs/BOE-A-2015-12281.pdf (current as of 2015-11-13); https://www.boe.es/boe/dias/2015/11/20/pdfs/BOE-A-2015-12559.pdf (current as of 2015-11-20); Unión Radioaficionados Españoles – https://www.ure.es/bandas-atribuidas (current as of 2023-01-09)

Sweden

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	SM/ or SA/ Optional digit designating the region: SM1/ Gotland SM2/ Norrbotten, Västerbotten SM3/ Gävleborg, Jämtland, Västernorrland SM4/ Dalarna, Örebro, Värmland SM5/ Östergötland, Södermanland, Uppsala, Västmanland SM6/ Halland, Västra Götaland SM7/ Blekinge, Jönköping, Kalmar, Kronoberg, Skåne SMØ/ Stockholm	
Extensions	/M, /P (optional)	
Equivalent national class	Class 1	

Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W ERP	any
630 m	472.000	–	479.000 kHz	1 W EIRP	any
160 m	1.810	–	1.850 MHz	200 W[1]	any
	1.850	–	1.900 MHz	10 W	any
	1.900	–	1.950 MHz	100 W	any
	1.950	–	2.000 MHz	10 W	any
80 m	3.500	–	3.800 MHz	200 W[1]	any
60 m	5.3515	–	5.3665 MHz	15 W EIRP	any
40 m	7.000	–	7.200 MHz	200 W[1]	any
30 m	10.100	–	10.150 MHz	150 W	any
20 m	14.000	–	14.350 MHz	200 W[1]	any
17 m	18.068	–	18.168 MHz	200 W[1]	any
15 m	21.000	–	21.450 MHz	200 W[1]	any
12 m	24.890	–	24.990 MHz	200 W[1]	any
10 m	28.000	–	29.700 MHz	200 W[1]	any
6 m	50.000	–	52.000 MHz	200 W	any
4 m					
2 m	144.000	–	146.000 MHz	200 W[1]	any
70 cm	432.000	–	438.000 MHz	200 W[1]	any
23 cm	1.240	–	1.300 GHz	200 W[1]	any
13 cm	2.400	–	2.450 GHz	100 mW	any
9 cm					
6 cm	5.650	–	5.850 GHz	200 W[1]	any
3 cm	10.000	–	10.500 GHz	200 W[1]	any
1.2 cm	24.000	–	24.250 GHz	200 W[1]	any
6 mm	47.000	–	47.200 GHz	200 W[1]	any
4 mm	75.500	–	81.000 GHz	200 W[1]	any
2.5 mm	122.250	–	123.000 GHz	200 W[1]	any
2 mm	134.000	–	141.000 GHz	200 W[1]	any
1.2 mm	241.000	–	250.000 GHz	200 W[1]	any

Notes

[1] 1000 W PEP on application, special permission required

Info

Post- och telestyrelsen (PTS) – https://pts.se/globalassets/startpage/dokument/legala-dokument/foreskrifter/radio/beslutade_ptsfs-2018-3-undantagsforeskrifter.pdf (current as of 2018-09-21); https://www.pts.se/globalassets/startpage/dokument/icke-legala-dokument/faktablad/radio/faktablad-amatorradiotillstand-pts-f-2018_7.pdf (current as of 2018-11-19); https://pts.se/globalassets/startpage/dokument/icke-legala-dokument/faktablad/radio/undantag/1.-faktablad-amatorradiotillstand-pts-f-20211.pdf (current as of 2021-03-03)

Switzerland

Implementation	CEPT Licence					CEPT Novice Licence				
	T/R 61-01 implemented					ECC/REC/(05)06 implemented				
	HAREC									
	T/R 61-02 implemented					ERC Report 32 applied				
Call sign prefix	HB9/					HB3/				
Extensions	/AM, /M, /MM, /P (optional)					/AM, /M, /MM, /P (optional)				
Equivalent national class	CEPT concession					Class 3 concession[1]				
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W ERP	any					
630 m	472.000	–	479.000 kHz	5 W EIRP	any					
160 m	1.810	–	2.000 MHz	1000 W	any	1.810	–	2.000 MHz	100 W	any
80 m	3.500	–	3.800 MHz	1000 W	any	3.500	–	3.800 MHz	100 W	any
60 m	5.3515	–	5.3665 MHz	15 W EIRP	any					
40 m	7.000	–	7.200 MHz	1000 W	any					
30 m	10.100	–	10.150 MHz	1000 W	any					
20 m	14.000	–	14.350 MHz	1000 W	any					
17 m	18.068	–	18.168 MHz	1000 W	any					
15 m	21.000	–	21.450 MHz	1000 W	any	21.000	–	21.450 MHz	100 W	any
12 m	24.890	–	24.990 MHz	1000 W	any					
10 m	28.000	–	29.700 MHz	1000 W	any	28.000	–	29.700 MHz	100 W	any
6 m	50.000	–	52.000 MHz	100 W	any					
4 m	70.000	–	70.0375 MHz	25 W ERP	any					
	70.1125	–	70.500 MHz	25 W ERP	any					
2 m	144.000	–	146.000 MHz	1000 W	any	144.000	–	146.000 MHz	50 W	any
70 cm	430.000	–	440.000 MHz	1000 W	any	430.000	–	440.000 MHz	50 W	any
23 cm	1.240	–	1.260 GHz[2]	1000 W	any					
	1.260	–	1.300 GHz	1000 W	any					
13 cm	2.300	–	2.308 GHz[2]	100 W	any					
	2.308	–	2.312 GHz	100 W	any					
	2.312	–	2.450 GHz[2]	100 W	any					
9 cm										
6 cm	5.650	–	5.725 GHz[2]	100 W	any					
	5.725	–	5.850 GHz	100 W	any					
3 cm	10.000	–	10.500 GHz	100 W	any					
1.2 cm	24.000	–	24.250 GHz	10 W	any					
6 mm	47.000	–	47.200 GHz	10 W	any					
4 mm	76.000	–	81.500 GHz	10 W	any					
2.5 mm	122.250	–	123.000 GHz	10 W	any					
2 mm	134.000	–	141.000 GHz	10 W	any					
1.2 mm	241.000	–	250.000 GHz	10 W	any					

Notes

[1] Only unmodified commercial transmitters allowed
[2] Special permission required

Info

Bundesamt für Kommunikation (BAKOM) – https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/frequenzen_und_antennen/Frequenznutzung%20mit%20oder%20ohne%20Konzessionen/Amateurfunk/vorschriften_fueramateurfunk.pdf.download.pdf/vorschriften_fueramateurfunk.pdf (current as of 2019-01-22); https://www.fedlex.admin.ch/eli/cc/2020/914/de (current as of 2023-01-01)

Türkiye

Implementation	**CEPT Licence** T/R 61-01 implemented[1] **HAREC** T/R 61-02 implemented	**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	TA1/ Çanakkale Avrupa, Edirne, Istanbul Avrupa, Kırklareli, Tekirdağ TA2/ Ankara, Bartın, Bilecik, Bolu, Düzce, Eskişehir, Istanbul Asya, Karabük, Kırıkkale, Kocaeli, Sakarya, Yalova, Zonguldak TA3/ Balıkesir, Bursa, Çanakkale Asya, İzmir, Manisa TA4/ Afyonkarahisar, Antalya, Aydın, Burdur, Denizli, Isparta, Kütahya, Muğla, Uşak TA5/ Adana, Aksaray, Hatay, Karaman, Konya, Mersin, Nevşehir, Niğde, Osmaniye TA6/ Amasya, Çankırı, Çorum, Kastamonu, Kırşehir, Samsun, Sinop, Tokat, Yozgat TA7/ Bayburt, Erzincan, Giresun, Gümüşhane, Kayseri, Ordu, Sivas, Trabzon, Tunceli TA8/ Adıyaman, Bingöl, Diyarbakır, Elâzığ, Gaziantep, Kahramanmaraş, Kilis, Malatya, Mardin, Şanlıurfa, Şırnak TA9/ Ağri, Ardahan, Artvin, Batman, Bitlis, Erzurum, Hakkâri, Iğdır, Kars, Muş, Rize, Siirt, Van TAØ/ Islands	
Extensions		
Equivalent national class	Class A[2]	

Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**
2200 m	135.700	–	137.800 kHz	1 W EIRP	[3]
630 m	472.000	–	479.000 kHz	5 W EIRP	[3]
160 m	1.810	–	1.832 MHz	400 W	A1A, A1D
	1.832	–	1.835 MHz	400 W	[4]
	1.835	–	1.850 MHz	400 W	A1A, A1D
80 m	3.500	–	3.800 MHz	400 W	[5]
60 m	5.3515	–	5.3665 MHz	15 W EIRP	[5]
40 m	7.000	–	7.200 MHz	400 W	[5]
30 m	10.100	–	10.150 MHz	100 W	CW, digital
20 m	14.000	–	14.350 MHz	400 W	[5]
17 m	18.068	–	18.168 MHz	400 W	[5]
15 m	21.000	–	21.450 MHz	400 W	[5]
12 m	24.890	–	24.990 MHz	400 W	[5]
10 m	28.000	–	29.700 MHz	400 W	[6] [7]
6 m	50.000	–	52.000 MHz	100 W	[6]
4 m					
2 m	144.000	–	146.000 MHz	400 W/5 W[8]	[6]
70 cm	430.200	–	430.700 MHz	400 W	[6]
	431.550	–	431.825 MHz	400 W	[6]
	432.000	–	432.975 MHz	400 W/5 W[8]	[6]
	433.400	–	433.575 MHz	400 W	[6]
	435.000	–	437.975 MHz	400 W	[6]
	439.150	–	439.425 MHz	400 W	[6]
23 cm	1.240	–	1.300 GHz	400 W/5 W[8]	[6]
13 cm					
9 cm					
6 cm	5.650	–	5.670 GHz	400 W	[6]
	5.820	–	5.850 GHz	400 W	[6]
3 cm	10.450	–	10.452 GHz	400 W	[6]
1.2 cm	24.000	–	24.050 GHz	400 W	[6]
6 mm	47.000	–	47.200 GHz	400 W	[6]
4 mm	75.500	–	76.000 GHz	400 W	[6]
2.5 mm					
2 mm	134.000	–	142.000 GHz	400 W	[6]
1.2 mm					

Notes

[1] Copies of the official letters from the Undersecretariat of Customs (http://www.tcswat.org/images/Customs.gif), the Police Headquarters https://www.tcswat.org/images/EGM.pdf) and the Telecommunications Authority (http://www.tcswat.org/images/TK.gif and https://www.tcswat.org/images/TK2.gif) should be printed out and presented at the customs.

[2] According to CEPT documentation, a CW examination is required for the use of hf bands (below 30 MHz).

[3] A1A, A1B, A1D
[4] A1A, A1D, J3E
[5] A1A, A1B, A1D, A2A, A3J, F1A, F1D, F2B, F2A, H3E, J2A, J2B, J2D, J3C, J3E, R3E
[6] A1A, A1B, A1D, A2A, A2B, A3J, A3F, J3F, F1A, F1D, F2B, F2A, F2B, F3E, F3F, G3E, H3E, J2A, J2B, J2C, J2D, J3E, J3F, R3E
[7] F3E, G3E only 29.500–29.700 MHz
[8] 5 W PEP for FM with handheld equipment

Info

Bilgi Teknolojileri ve İletişim Kurumu (BTK) – https://www.btk.gov.tr/uploads/boarddecisions/telsiz-arayuz-dokumanlari/247-web.pdf (current as of 2018-07-23); https://www.btk.gov.tr/uploads/pages/amator-sistemleri-tad.pdf (current as of 2018-12-28); https://www.btk.gov.tr/uploads/pages/milli-frekans-plani-23012023.pdf (current as of 2023-01-23); Türkiye Radyo Amatörleri Cemiyeti (TRAC) – https://trac.org.tr/tr/foreign-operators (current as of 2023-02-08); Giresun Telsiz Radyo Amatörleri Derneği (GITRAD) – https://gitrad.org.tr/wp-content/uploads/2023/05/fremi.pdf (current as of 2023-05-13)

Ukraine

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 not implemented, but applied	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 applied
Call sign prefix	UT/	UT/
Extensions	/AM, /M, /MM, /P (optional)	/AM, /M, /MM, /P (optional)
Equivalent national class	Category 1	Category 3

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]	Frequency Range	Power (PEP)	Bandwidth/ Modes[1]
2200 m	135.700 – 137.800 kHz	1 W EIRP	2			
630 m						
160 m	1.810 – 1.838 MHz	100 W	3	1.838 – 1.842 MHz	5 W	4
	1.838 – 1.840 MHz	100 W	2	1.850 – 1.900 MHz	5 W	5
	1.840 – 1.842 MHz	100 W	6	1.900 – 2.000 MHz	5 W	7
	1.842 – 1.850 MHz	100 W	5			
	1.850 – 1.900 MHz	10 W	5			
	1.900 – 2.000 MHz	10 W	7			
80 m	3.500 – 3.580 MHz	200 W	3	3.500 – 3.580 MHz	40 W	3
	3.580 – 3.600 MHz	200 W	2	3.580 – 3.600 MHz	40 W	2
	3.600 – 3.620 MHz	200 W	6	3.600 – 3.620 MHz	40 W	6
	3.620 – 3.730 MHz	200 W	5	3.620 – 3.650 MHz	40 W	5
	3.730 – 3.740 MHz	200 W	8			
	3.740 – 3.800 MHz	200 W	5			
60 m						
40 m	7.000 – 7.040 MHz	200 W	3	7.000 – 7.100 MHz	40 W	3
	7.040 – 7.050 MHz	200 W	9			
	7.050 – 7.060 MHz	200 W	10			
	7.060 – 7.200 MHz	200 W	5			
30 m	10.100 – 10.140 MHz	200 W	3			
	10.140 – 10.150 MHz	200 W	4			
20 m	14.000 – 14.070 MHz	200 W	3			
	14.070 – 14.099 MHz	200 W	2			
	14.099 – 14.101 MHz[12]					
	14.101 – 14.112 MHz	200 W	6			
	14.112 – 14.225 MHz	200 W	5			
	14.225 – 14.235 MHz	200 W	8			
	14.235 – 14.350 MHz	200 W	5			
17 m	18.068 – 18.100 MHz	200 W	3			
	18.100 – 18.109 MHz	200 W	2			
	18.109 – 18.111 MHz[12]					
	18.111 – 18.168 MHz	200 W	5			
15 m	21.000 – 21.080 MHz	200 W	3	21.000 – 21.080 MHz	40 W	3
	21.080 – 21.120 MHz	200 W	2	21.080 – 21.120 MHz	40 W	2
	21.120 – 21.149 MHz	200 W	3	21.120 – 21.149 MHz	40 W	3
	21.149 – 21.151 MHz[12]			21.149 – 21.151 MHz[12]		
	21.151 – 21.335 MHz	200 W	5	21.151 – 21.250 MHz	40 W	5
	21.335 – 21.345 MHz	200 W	8	21.250 – 21.450 MHz	40 W	3
	21.345 – 21.450 MHz	200 W	5			
12 m	24.890 – 24.920 MHz	200 W	3			
	24.920 – 24.929 MHz	200 W	2			
	24.929 – 24.931 MHz[12]					
	24.931 – 24.990 MHz	200 W	5			
10 m	28.000 – 28.070 MHz	200 W	3	28.000 – 28.070 MHz	40 W	3
	28.070 – 28.150 MHz	200 W	2	28.070 – 28.150 MHz	40 W	2
	28.150 – 28.199 MHz	200 W	3	28.150 – 28.199 MHz	40 W	3
	28.199 – 28.201 MHz[12]			28.199 – 28.201 MHz[12]		
	28.201 – 28.300 MHz	200 W	5	28.201 – 28.300 MHz	40 W	5
	28.300 – 28.320 MHz	200 W	6	28.300 – 28.320 MHz	40 W	6
	28.320 – 28.675 MHz	200 W	5	28.320 – 28.675 MHz	40 W	5
	28.675 – 28.685 MHz	200 W	8	28.675 – 28.685 MHz	40 W	8
	28.685 – 28.800 MHz	200 W	5	28.685 – 28.800 MHz	40 W	5
	28.800 – 29.200 MHz	200 W	7	28.800 – 29.200 MHz	40 W	7
	29.200 – 29.300 MHz	200 W	13	29.200 – 29.300 MHz	40 W	13
	29.300 – 29.510 MHz[14]	200 W		29.520 – 29.700 MHz	40 W	16
	29.510 – 29.520 MHz[15]					
	29.520 – 29.700 MHz	200 W	16			
6 m[17]	50,000 – 50,080 MHz					
	50,080 – 50,100 MHz	50 W	3			
	50,100 – 50,225 MHz	50 W	5			
	50,225 – 50,235 MHz	50 W	6			

	50,235 – 50,280 MHz	50 W	5					
	50,280 – 52,000 MHz							
4 m								
2 m	144.000 –144.035 MHz[18]	5 W		144.035 – 144.110 MHz	5 W	3		
	144.035 – 144.110 MHz	5 W	3	144.110 – 144.150 MHz	5 W	2		
	144.110 – 144.150 MHz	5 W	2	144.150 – 144.180 MHz	5 W	6		
	144.150 – 144.180 MHz	5 W	6	144.180 – 144.360 MHz	5 W	5		
	144.180 – 144.360 MHz	5 W	5	144.360 – 144.399 MHz	5 W	6		
	144.360 – 144.399 MHz	5 W	6	144.500 – 144.794 MHz	5 W	19		
	144.500 – 144.794 MHz	5 W	19	144.794 – 144.990 MHz	5 W	4		
	144.794 – 144.990 MHz	5 W	4	145.194 – 145.806 MHz	5 W	20		
	145.194 – 145.806 MHz	5 W	20	145.806 –146.000 MHz[14]	5 W			
	145.806 –146.000 MHz[14]	5 W						
70 cm	430.000 – 432.000 MHz	5 W	20	430.000 – 432.000 MHz	5 W	20		
	432.000 –432.025 MHz[18]	5 W		432.025 – 432.100 MHz	5 W	3		
	432.025 – 432.100 MHz	5 W	3	432.100 – 432.399 MHz	5 W	6		
	432.100 – 432.399 MHz	5 W	6	432.500 MHz	5 W	21		
	432.500 MHz	5 W	21	432.500 – 432.994 MHz	5 W	22		
	432.500 – 432.994 MHz	5 W	22	433.394 – 433.400 MHz	5 W	20		
	433.394 – 433.400 MHz	5 W	20	433.400 MHz	5 W	23		
	433.400 MHz	5 W	23	433.400 – 433.581 MHz	5 W	20		
	433.400 – 433.581 MHz	5 W	20	433.581 – 435.000 MHz	5 W	22		
	433.581 – 435.000 MHz	5 W	22	435.000 –438.000 MHz[14]	5 W			
	435.000 –438.000 MHz[14]	5 W		438.000 – 438.025 MHz	5 W	20		
	438.000 – 438.025 MHz	5 W	20	438.025 – 438.175 MHz	5 W	24		
	438.025 – 438.175 MHz	5 W	24	438.175 – 440.000 MHz	5 W	20		
	438.175 – 440.000 MHz	5 W	20					
23 cm								
13 cm								
9 cm								
6 cm	5.650 – 5.660 GHz	5 W	16	5.650 – 5.660 GHz	5 W	16		
	5.660 – 5.670 GHz[24]	5 W		5.660 – 5.670 GHz[24]				
	5.830 – 5.850 GHz[24]	5 W						
3 cm	10.100 – 10.150 GHz	5 W	16	10.100 – 10.150 GHz	5 W	16		
1.2 cm	24.000 – 24.050 GHz	5 W	16	24.000 – 24.050 GHz	5 W	16		
6 mm	47.000 – 47.200 GHz	5 W	16	47.000 – 47.200 GHz	5 W	16		
4 mm	76.000 – 81.000 GHz	5 W	16	76.000 – 81.000 GHz	5 W	16		
2.5 mm	122.250 – 123.000 GHz	5 W	16	122.250 – 123.000 GHz	5 W	16		
2 mm	134.000 – 141.000 GHz	5 W	16	134.000 – 141.000 GHz	5 W	16		
1.2 mm	241.000 – 250.000 GHz	5 W	16	241.000 – 250.000 GHz	5 W	16		

Notes

1 Bandwidth and modes according to IARU Region 1 band plan (please refer to the list at the end of this document)
2 CW, digital
3 CW
4 Digital
5 CW, SSB
6 CW, SSB, digital
7 CW, SSB, AM
8 CW, SSB, SSTV
9 CW, digital, SSTV
10 CW, SSB, digital, SSTV
12 Beacon stations, reception only
13 CW, SSB, AM, digital
14 Satellite communication
15 Guard channel
16 CW, SSB, FM
17 50–52 MHz listed in the National Frequency Plan (Nazionalnoj tablizi rozpodilu smug radiochastot Ukrajni), but not mentioned in the amateur radio regulations
18 EME communication
19 CW, SSB, FM, digital, SSTV
20 FM
21 CW, SSB, FM, AM, digital, SSTV
22 CW, SSB, FM, AM, digital
23 FM, SSTV
24 FM, digital
25 Satellite, EME communication

Info

National Commission for the State Regulation of Communications and Informatization – https://zakon3.rada.gov.ua/laws/show/z0205-11/print1484328761953168 (current as of 2018-02-18); https://zakon.rada.gov.ua/laws/show/801-2022-%D0%BF#Text (current as of 2022-07-15); https://zakon.rada.gov.ua/laws/file/text/99/f517523n22.docx (2022-07-20)

United Kingdom of Great Britain and Northern Ireland

Implementation[1]	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 implemented					**CEPT Novice Licence** ECC/REC/(05)06 not implemented
Call sign prefix	M/ England MD/ Isle of Man MI/ Northern Ireland MJ/ Jersey MM/ Scotland MU/ Guernsey MW/ Wales					
Extensions	/M, /MM, /P (optional)					
Equivalent national class	Full Licence					
Band	**Frequency Range**			**Power (PEP)**	**Bandwidth/ Modes**	
2200 m	135.700	–	137.800 kHz	1 W ERP	any	
630 m	472.000	–	479.000 kHz	5 W EIRP	any	
160 m	1.810	–	1.850 MHz	400 W	any	
	1.850	–	2.000 MHz	32 W	any	
80 m	3.500	–	3.800 MHz	400 W	any	
60 m[2]	5.2585	–	5.264 MHz	100 W	6 kHz	
	5.276	–	5.284 MHz	100 W	6 kHz	
	5.2885	–	5.292 MHz	100 W	6 kHz	
	5.298	–	5.307 MHz	100 W	6 kHz	
	5.313	–	5.323 MHz	100 W	6 kHz	
	5.333	–	5.338 MHz	100 W	6 kHz	
	5.354	–	5.358 MHz	100 W	6 kHz	
	5.362	–	5.3745 MHz	100 W	6 kHz	
	5.378	–	5.382 MHz	100 W	6 kHz	
	5.395	–	5.4015 MHz	100 W	6 kHz	
	5.4035	–	5.4065 MHz	100 W	6 kHz	
40 m	7.000	–	7.200 MHz	400 W	any	
30 m	10.100	–	10.150 MHz	400 W	any	
20 m	14.000	–	14.350 MHz	400 W	any	
17 m	18.068	–	18.168 MHz	400 W	any	
15 m	21.000	–	21.450 MHz	400 W	any	
12 m	24.890	–	24.990 MHz	400 W	any	
10 m	28.000	–	29.700 MHz	400 W	any	
6 m	50.000	–	51.000 MHz	400 W	any	
	51.000	–	52.000 MHz	100 W	any	
4 m	70.000	–	70.500 MHz	160 W	any	
2 m	144.000	–	146.000 MHz	400 W	any	
70 cm	430.000	–	432.000 MHz[3]	40 W ERP	any	
	432.000	–	440.000 MHz	400 W	any	
23 cm	1.240	–	1.325 GHz	400 W	any	
13 cm	2.310	–	2.350 GHz	400 W	any	
	2.390	–	2.450 GHz	400 W	any	
9 cm	3.400	–	3.410 GHz	400 W	any	
6 cm	5.650	–	5.680 GHz	400 W	any	
	5.755	–	5.765 GHz	400 W	any	
	5.820	–	5.850 GHz	400 W	any	
3 cm	10.000	–	10.125 GHz	400 W	any	
	10.225	–	10.500 GHz	400 W	any	
1.2 cm	24.000	–	24.050 GHz	400 W	any	
	24.150	–	24.250 GHz	400 W	any	
6 mm	47.000	–	47.200 GHz	400 W	any	
4 mm	75.500	–	81.000 GHz	400 W	any	
2.5 mm	122.250	–	123.000 GHz	400 W	any	
2 mm	134.000	–	141.000 GHz	400 W	any	
1.2 mm	241.000	–	250.000 GHz	400 W	any	

Notes

1 T/R 61-01, T/R 61-02 and ECC/REC/(05)06 are not implemented in the British Overseas Territories.

2 No mobile or portable operation

3 431.000–432.000 MHz not available within 100 km radius of Charing Cross, London (51° 30’ 30’’ N 0° 7’ 24’’ W)

Info

Office of Communications (Ofcom) – https://www.ofcom.org.uk/__data/assets/pdf_file/0027/62991/amateur-terms.pdf (current as of 2018-07-25); https://www.ofcom.org.uk/__data/assets/pdf_file/0015/214116/emf-amateur-licence-terms-and-conditions.pdf (current as of 2021-05-18)

*United States of America – ITU Region 2

United States (conterminous states including District of Columbia, Alaska, Hawaii), Johnston Island, Midway Island, Navassa Island, U.S. Virgin Islands, Puerto Rico, Desecheo Island

	CEPT Licence	**CEPT Novice Licence**
Implementation	T/R 61-01 implemented	ECC/REC/(05)06 implemented
	HAREC	
	T/R 61-02 not implemented	ERC Report 32 not applied
Call sign prefix	KH3/ Johnston Island[1] KH4/ Midway Island[1] KH6/ Hawaii KH7/ Kure Island[1] KL7/ Alaska KP1/ Navassa Island[1] KP2/ U.S. Virgin Islands KP4/ Commonwealth of Puerto Rico KP5/ Desecheo Island[1] W1/ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont W2/ New Jersey, New York W3/ Delaware, District of Columbia, Maryland, Pennsylvania W4/ Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia W5/ Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma, Texas W6/ California W7/ Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming W8/ Michigan, Ohio, West Virginia W9/ Illinois, Indiana, Wisconsin WØ/ Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	KH3/ Johnston Island[1] KH4/ Midway Island[1] KH6/ Hawaii KH7/ Kure Island[1] KL7/ Alaska KP1/ Navassa Island[1] KP2/ U.S. Virgin Islands KP4/ Commonwealth of Puerto Rico KP5/ Desecheo Island[1] W1/ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont W2/ New Jersey, New York W3/ Delaware, District of Columbia, Maryland, Pennsylvania W4/ Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia W5/ Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma, Texas W6/ California W7/ Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming W8/ Michigan, Ohio, West Virginia W9/ Illinois, Indiana, Wisconsin WØ/ Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
Extensions	/M	/M
Equivalent national class[2]	Amateur Extra Class	Amateur Extra Class

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m[3]	135.700 – 137.800 kHz	1 W EIRP	any			
630 m[3]	472.000 – 479.000 kHz	5 W EIRP[4]	any			
160 m	1.800 – 2.000 MHz	1500 W	any	1.800 – 2.000 MHz	1500 W	any
80 m	3.500 – 3.600 MHz	1500 W	any[5]	3.500 – 3.600 MHz	1500 W	any[5]
75 m	3.600 – 4.000 MHz	1500 W	any[6]	3.600 – 4.000 MHz	1500 W	any[6]
60 m	5.3305 MHz	100 W ERP	[7]	5.3305 MHz	100 W ERP	[7]
	5.3465 MHz	100 W ERP	[7]	5.3465 MHz	100 W ERP	[7]
	5.3570 MHz	100 W ERP	[7]	5.3570 MHz	100 W ERP	[7]
	5.3715 MHz	100 W ERP	[7]	5.3715 MHz	100 W ERP	[7]
	5.4035 MHz	100 W ERP	[7]	5.4035 MHz	100 W ERP	[7]
40 m	7.000 – 7.125 MHz	1500 W	any[5 8]	7.000 – 7.125 MHz	1500 W	any[5 8]
	7.125 – 7.300 MHz	1500 W	any[6]	7.125 – 7.300 MHz	1500 W	any[6]
30 m	10.100 – 10.150 MHz	200 W	any[5]	10.100 – 10.150 MHz	200 W	any[5]
20 m	14.000 – 14.150 MHz	1500 W	any[5]	14.000 – 14.150 MHz	1500 W	any[5]
	14.150 – 14.350 MHz	1500 W	any[6]	14.150 – 14.350 MHz	1500 W	any[6]
17 m	18.068 – 18.110 MHz	1500 W	any[5]	18.068 – 18.110 MHz	1500 W	any[5]
	18.110 – 18.168 MHz	1500 W	any[6]	18.110 – 18.168 MHz	1500 W	any[6]
15 m	21.000 – 21.200 MHz	1500 W	any[5]	21.000 – 21.200 MHz	1500 W	any[5]
	21.200 – 21.450 MHz	1500 W	any[6]	21.200 – 21.450 MHz	1500 W	any[6]
12 m	24.890 – 24.930 MHz	1500 W	any[5]	24.890 – 24.930 MHz	1500 W	any[5]
	24.930 – 24.990 MHz	1500 W	any[6]	24.930 – 24.990 MHz	1500 W	any[6]
10 m	28.000 – 28.300 MHz	1500 W	any[5]	28.000 – 28.300 MHz	1500 W	any[5]
	28.300 – 29.700 MHz	1500 W	any[6]	28.300 – 29.700 MHz	1500 W	any[6]
6 m	50.000 – 50.100 MHz	1500 W	CW	50.000 – 50.100 MHz	1500 W	CW
	50.100 – 54.000 MHz	1500 W	any	50.100 – 54.000 MHz	1500 W	any
4 m						
2 m	144.000 – 144.100 MHz	1500 W	CW	144.000 – 144.100 MHz	1500 W	CW
	144.100 – 148.000 MHz	1500 W	any	144.100 – 148.000 MHz	1500 W	any
1.25 m	222.000 – 225.000 MHz	1500 W	any	222.000 – 225.000 MHz	1500 W	any
70 cm	420.000 – 450.000 MHz[9]	1500 W[10]	any	420.000 – 450.000 MHz[9]	1500 W[10]	any
33 cm	902.000 –928.000 MHz[11]	1500 W[12]	any	902.000 –928.000 MHz[11]	1500 W[12]	any
23 cm	1.240 – 1.300 GHz	1500 W	any	1.240 – 1.300 GHz	1500 W	any
13 cm	2.300 – 2.310 GHz	1500 W	any	2.300 – 2.310 GHz	1500 W	any

	2.390	–	2.450 GHz	1500 W	any	2.390	–	2.450 GHz	1500 W	any
9 cm										
6 cm	5.650	–	5.925 GHz	1500 W	any	5.650	–	5.925 GHz	1500 W	any
3 cm	10.000	–	10.500 GHz	1500 W	any	10.000	–	10.500 GHz	1500 W	any
1.2 cm	24.000	–	24.250 GHz	1500 W	any	24.000	–	24.250 GHz	1500 W	any
6 mm	47.000	–	47.200 GHz	1500 W	any	47.000	–	47.200 GHz	1500 W	any
4 mm	76.000	–	81.000 GHz	1500 W	any	76.000	–	81.000 GHz	1500 W	any
2.5 mm	122.250	–	123.000 GHz	1500 W	any	122.250	–	123.000 GHz	1500 W	any
2 mm	134.000	–	141.000 GHz	1500 W	any	134.000	–	141.000 GHz	1500 W	any
1.2 mm	241.000	–	250.000 GHz	1500 W	any	241.000	–	250.000 GHz	1500 W	any
			>275.000 GHz	1500 W	any			>275.000 GHz	1500 W	any

Notes

1 Guest licence and landing permission required
2 In a letter to the DARC dated March 6, 2008, the FCC confirms this equivalence: “As the phrase ‘a CEPT radio-amateur license’ is used in Part 97, it includes all categories of CEPT radio-amateur licenses. In that the CEPT category ‘Novice’ is a CEPT license, our rules authorize these license holders the frequency privileges we authorize our Amateur Extra Class licensees.” For US citizens, Amateur Extra and Advanced Classes are equivalent to the CEPT Licence, whereas the General Class is equivalent to the CEPT Novice Licence.
3 Special permission required
4 1 W EIRP in Alaska within 496 miles from Russia
5 CW, RTTY, data
6 CW, phone, image
7 Maximum bandwidth 2.8 kHz; modes A1A, J2B, J2D, J3E only; CW and data modes must be centered 1.5 kHz above the channel frequencies indicated
8 7.075–7.100 MHz: phone and image only west of 130° W and south of 20° N
9 420.000–430.000 MHz: regional restrictions
10 50 W PEP in restricted areas
11 Regional restrictions in Colorado, New Mexico, Texas, Wyoming
12 50 W PEP within 241 km of the boundaries of the White Sands Missile Range, Texas/New Mexico

Info

American Radio Relay League (ARRL) – http://www.arrl.org/files/file/Regulatory/Band Chart/Band Chart - 11X17 Color.pdf (current as of 2017-09-22); U. S. Government Publishing Office (GPO) – https://www.ecfr.gov/current/title-47/chapter-I/subchapter-D/part-97 (current as of 2023-02-06)

*United States of America – ITU Region 3

Baker Island, Howland Island, Guam Island, Jarvis Island, Palmyra Island, Kingman Reef, American Samoa, Wake Island, Northern Mariana Islands

Implementation	**CEPT Licence** T/R 61-01 implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice Licence** ECC/REC/(05)06 implemented ERC Report 32 not applied
Call sign prefix	KH1/ Baker Island[1], Howland Island[1] KH2/ Guam Island KH5/ Jarvis Island[1], Palmyra Island[1] KH5K/ Kingman Reef[1] KH8/ American Samoa KH9/ Wake Island[1] (Islets Peale, Wake, Wilkes) KHØ/ Commonwealth of Northern Mariana Islands	KH1/ Baker Island[1], Howland Island[1] KH2/ Guam Island KH5/ Jarvis Island[1], Palmyra Island[1] KH5K/ Kingman Reef[1] KH8/ American Samoa KH9/ Wake Island[1] (Islets Peale, Wake, Wilkes) KHØ/ Commonwealth of Northern Mariana Islands
Extensions	/M	/M
Equivalent national class[2]	Amateur Extra Class	Amateur Extra Class

Band	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**	**Frequency Range**	**Power (PEP)**	**Bandwidth/ Modes**
2200 m[3]	135.700 – 137.800 kHz	1 W EIRP	any			
630 m[3]	472.000 – 479.000 kHz	5 W EIRP	any			
160 m	1.800 – 2.000 MHz	1500 W	any	1.800 – 2.000 MHz	1500 W	any
80 m	3.500 – 3.750 MHz	1500 W	any[4]	3.500 – 3.750 MHz	1500 W	any[4]
75 m	3.750 – 3.900 MHz	1500 W	any[5]	3.750 – 3.900 MHz	1500 W	any[5]
60 m						
40 m	7.000 – 7.050 MHz	1500 W	any[4 6]	7.000 – 7.050 MHz	1500 W	any[4 6]
	7.050 – 7.075 MHz	200 W	any[4 6]	7.050 – 7.075 MHz	200 W	any[4 6]
	7.075 – 7.125 MHz	1500 W	any[4 6]	7.075 – 7.125 MHz	1500 W	any[4 6]
	7.125 – 7.200 MHz	1500 W	any[5]	7.125 – 7.200 MHz	1500 W	any[5]
30 m	10.100 – 10.150 MHz	200 W	any[4]	10.100 – 10.150 MHz	200 W	any[4]
20 m	14.000 – 14.150 MHz	1500 W	any[4]	14.000 – 14.150 MHz	1500 W	any[4]
	14.150 – 14.350 MHz	1500 W	any[5]	14.150 – 14.350 MHz	1500 W	any[5]
17 m	18.068 – 18.110 MHz	1500 W	any[4]	18.068 – 18.110 MHz	1500 W	any[4]
	18.110 – 18.168 MHz	1500 W	any[5]	18.110 – 18.168 MHz	1500 W	any[5]
15 m	21.000 – 21.200 MHz	1500 W	any[4]	21.000 – 21.200 MHz	1500 W	any[4]
	21.200 – 21.450 MHz	1500 W	any[5]	21.200 – 21.450 MHz	1500 W	any[5]
12 m	24.890 – 24.930 MHz	1500 W	any[4]	24.890 – 24.930 MHz	1500 W	any[4]
	24.930 – 24.990 MHz	1500 W	any[5]	24.930 – 24.990 MHz	1500 W	any[5]
10 m	28.000 – 28.300 MHz	1500 W	any[4]	28.000 – 28.300 MHz	1500 W	any[4]
	28.300 – 29.700 MHz	1500 W	any[5]	28.300 – 29.700 MHz	1500 W	any[5]
6 m	50.000 – 50.100 MHz	1500 W	CW	50.000 – 50.100 MHz	1500 W	CW
	50.100 – 54.000 MHz	1500 W	any	50.100 – 54.000 MHz	1500 W	any
4 m						
2 m	144.000 – 144.100 MHz	1500 W	CW	144.000 – 144.100 MHz	1500 W	CW
	144.100 – 148.000 MHz	1500 W	any	144.100 – 148.000 MHz	1500 W	any
1.25 m						
70 cm	430.000 – 440.000 MHz	1500 W	any	430.000 – 440.000 MHz	1500 W	any
33 cm						
23 cm	1.240 – 1.300 GHz	1500 W	any	1.240 – 1.300 GHz	1500 W	any
13 cm	2.300 – 2.310 GHz	1500 W	any	2.300 – 2.310 GHz	1500 W	any
	2.390 – 2.450 GHz	1500 W	any	2.390 – 2.450 GHz	1500 W	any
9 cm						
6 cm	5.650 – 5.850 GHz	1500 W	any	5.650 – 5.850 GHz	1500 W	any
3 cm	10.000 – 10.500 GHz	1500 W	any	10.000 – 10.500 GHz	1500 W	any
1.2 cm	24.000 – 24.250 GHz	1500 W	any	24.000 – 24.250 GHz	1500 W	any
6 mm	47.000 – 47.200 GHz	1500 W	any	47.000 – 47.200 GHz	1500 W	any
4 mm	76.000 – 81.000 GHz	1500 W	any	76.000 – 81.000 GHz	1500 W	any
2.5 mm	122.250 – 123.000 GHz	1500 W	any	122.250 – 123.000 GHz	1500 W	any
2 mm	134.000 – 141.000 GHz	1500 W	any	134.000 – 141.000 GHz	1500 W	any
1.2 mm	241.000 – 250.000 GHz	1500 W	any	241.000 – 250.000 GHz	1500 W	any
	>275.000 GHz	1500 W	any	>275.000 GHz	1500 W	any

Notes

1 Guest licence and landing permission required

2 In a letter to the DARC dated March 6, 2008, the FCC confirms this equivalence: “As the phrase ‘a CEPT radio-amateur license’ is used in Part 97, it includes all categories of CEPT radio-amateur licenses. In that the CEPT category ‘Novice’ is a CEPT license, our rules authorize these license holders the frequency privileges we authorize our Amateur Extra Class licensees.” For US citizens, Amateur Extra Class and Advanced Classes are equivalent to the CEPT Licence, whereas the General Class is equivalent to the CEPT Novice Licence.

3 Special permission required

4 CW, RTTY, data

[5] CW, phone, image
[6] 7.075–7.100 MHz: CW, phone, image

Info
American Radio Relay League (ARRL) – http://www.arrl.org/files/file/Regulatory/Band Chart/Band Chart - 11X17 Color.pdf (current as of 2017-09-22); U. S. Government Publishing Office (GPO) – https://www.ecfr.gov/current/title-47/chapter-I/subchapter-D/part-97 (current as of 2023-02-06)

Vatican City

Implementation	**CEPT Licence** T/R 61-01 not implemented **HAREC** T/R 61-02 not implemented	**CEPT Novice** ECC/REC/(05)06 not implemented

General information

The “CEPT Licence” as well as the “CEPT Novice Licence” make it possible for radio amateurs from CEPT countries to operate during short visits of up to three months in other CEPT countries without the requirement of obtaining an individual temporary licence from the visited CEPT country.

There are two CEPT recommendations for this purpose. The “CEPT Licence” is described in CEPT Recommendation T/R 61-01 (https://docdb.cept.org/download/4045, current as of 2022-06-10), whereas the “CEPT Novice Licence” follows CEPT Recommendation ECC/REC/(05)06 (https://docdb.cept.org/download/1855, current as of 2019-01-29). These recommendations have to be implemented within the national law in a country before accepting operation under the CEPT regulation.

A “Harmonized Amateur Radio Examination Certificate” (HAREC) according to CEPT Recommendation T/R 61-02 (https://docdb.cept.org/download/4166, current as of 2022-10-14) shows proof of successfully passing an amateur radio examination which complies with the Examination Syllabus for the HAREC. It thus facilitates the issue of an individual licence to radio amateurs who stay in a country for a longer term than that mentioned in CEPT Recommendation T/R 61-01. It also eases the issue of an individual licence to a radio amateur returning to his native country showing the “HAREC” Certificate issued by a foreign administration.

The syllabus for the “CEPT Novice Licence” is described in ERC Report 32 (https://docdb.cept.org/download/2065, current as of 2018-10-11), which does not have to be implemented by countries.

To facilitate the introduction of a third level, the “Entry Class”, in countries, the corresponding syllabus is described in ECC Report 89 (http://docdb.cept.org/Docs/doc98/official/pdf/ECCREP089.PDF; current as of 2007-08-07).

To operate under CEPT regulations, you need to have your own licence document with you. It is also advisable to carry a copy of the licensing regulations in your own country and a copy of the licensing regulations in the foreign country with you as well as a printout of the applicable CEPT recommendation.

This list has been compiled according to official documents. No responsibility is taken for the correctness of this information.

Comments and corrections are very much appreciated: dk5ji(at)darc.de.

IARU Region 1 Band Plan

Band	Frequency Range	Bandwidth	Modes
2200 m	135.700 – 137.800 kHz	200 Hz	CW, QRSS, narrow band digital
630 m	472.000 – 475.000 kHz	200 Hz	CW
	475.000 – 479.000 kHz	500 Hz[1]	narrow band
160 m	1.810 – 1.838 MHz	200 Hz	CW
	1.838 – 1.840 MHz	500 Hz	narrow band
	1.840 – 2.000 MHz	2.7 kHz	any
80 m	3.500 – 3.570 MHz	200 Hz	CW
	3.570 – 3.580 MHz	200 Hz	narrow band
	3.580 – 3.600 MHz	500 Hz	narrow band
	3.600 – 3.800 MHz	2.7 kHz	any
60 m	5.3515 – 5.354 MHz	200 Hz	CW, narrow band
	5.354 – 5.366 MHz	2.7 kHz	any
	5.366 – 5.3665 MHz	20 Hz	weak signal narrow band
40 m	7.000 – 7.040 MHz	200 Hz	CW
	7.040 – 7.050 MHz	500 Hz	narrow band
	7.050 – 7.200 MHz	2.7 kHz	any
30 m	10.100 – 10.130 MHz	200 Hz	CW
	10.130 – 10.150 MHz	500 Hz	narrow band
20 m	14.000 – 14.070 MHz	200 Hz	CW
	14.070 – 14.099 MHz	500 Hz	narrow band
	14.099 – 14.101 MHz		beacon stations
	14.101 – 14.350 MHz	2.7 kHz	any
17 m	18.068 – 18.095 MHz	200 Hz	CW
	18.095 – 18.109 MHz	500 Hz	narrow band
	18.109 – 18.111 MHz	200 Hz	beacon stations
	18.111 – 18.168 MHz	2.7 kHz	any
15 m	21.000 – 21.070 MHz	200 Hz	CW
	21.070 – 21.110 MHz	500 Hz	narrow band
	21.110 – 21.120 MHz	2.7 kHz	any
	21.120 – 21.149 MHz	500 Hz	narrow band
	21.149 – 21.151 MHz		beacon stations
	21.151 – 21.450 MHz	2.7 kHz	any
12 m	24.890 – 24.915 MHz	200 Hz	CW
	24.915 – 24.929 MHz	500 Hz	narrow band
	24.929 – 24.931 MHz		beacon stations
	24.931 – 24.990 MHz	2.7 kHz	any
10 m	28.000 – 28.070 MHz	200 Hz	CW
	28.070 – 28.190 MHz	500 Hz	narrow band
	28.190 – 28.225 MHz		beacon stations
	28.225 – 29.000 MHz	2.7 kHz	any
	29.000 – 29.300 MHz	6 kHz	any
	29.300 – 29.510 MHz	6 kHz	satellite operation
	29.510 – 29.520 MHz		guard channel
	29.520 – 29.700 MHz	6 kHz	any
6 m	50.000 – 50.100 MHz	500 Hz	beacon stations, CW
	50.100 – 50.300 MHz	2.7 kHz	CW, SSB
	50.300 – 50.400 MHz	2.7 kHz	narrow band, digital
	50.400 – 50.500 MHz	1 kHz	digital, CW
	50.500 – 52.000 MHz	12 kHz	any
	52.000 – 54.000 MHz	500 kHz	any
4 m	70.000 – 70.100 MHz	1 kHz	digital, CW
	70.100 – 70.250 MHz	2.7 kHz	SSB, CW, digital
	70.250 – 70.294 MHz	12 kHz	AM, FM
	70.294 – 70.500 MHz	12 kHz	FM
2 m	144.000 – 144.025 MHz	2.7 kHz	any
	144.025 – 144.100 MHz	500 Hz	CW
	144.100 – 144.150 MHz	500 Hz	digital, CW
	144.150 – 144.400 MHz	2.7 kHz	SSB, CW, digital
	144.400 – 144.490 MHz	500 Hz	digital, CW
	144.491 – 144.493 MHz	500 Hz	digital beacon stations
	144.500 – 144.794 MHz	20 kHz	any
	144.794 –144.9625 MHz	12 kHz	digital
	144.975 – 145.194 MHz	12 kHz	FM, digital voice (repeater stations [input])
	145.194 – 145.206 MHz	12 kHz	FM, digital voice (space communication)
	145.206 –145.5625 MHz	12 kHz	FM, digital voice
	145.575 –145.7935 MHz	12 kHz	FM, digital voice (repeater stations [output])
	145.794 – 145.806 MHz	12 kHz	FM, digital voice (space communication)
	145.806 – 146.000 MHz	12 kHz	any (satellite communication)
70 cm	430.000 – 432.000 MHz	20 kHz	any
	432.000 – 432.100 MHz	500 Hz	digital, CW
	432.100 – 432.400 MHz	2.7 kHz	digital, CW, SSB
	432.400 – 432.490 MHz	500 Hz	beacon stations

Band	Frequency Range	Bandwidth	Modes
	432.500 – 433.000 MHz	12 kHz	any
	433.000 – 433.400 MHz	12 kHz	FM, digital voice (repeater stations [input])
	433.400 – 433.600 MHz	12 kHz	FM, digital voice
	433.600 – 434.000 MHz	any	any
	434.000 – 434.594 MHz	12 kHz	any, ATV
	434.594 – 434.981 MHz	12 kHz	any, digital voice (repeater stations [output])
	435.000 – 438.000 MHz	any	any (satellite communication)
	438.000 – 440.000 MHz	any	any
23 cm	1.240 – 1.2405 GHz	2.7 kHz	any (reserved)
	1.2405 – 1.24075 GHz	500 Hz	digital, CW (beacon stations reserved)
	1.24075 – 1.241 GHz	20 kHz	FM, digital voice (reserved)
	1.241 – 1.24325 GHz	20 kHz	any (repeater stations [output])
	1.24325 – 1.260 GHz		ATV, DATV (repeater stations [output])
	1.260 – 1.270 GHz		satellite communication
	1.270 – 1.272 GHz	20 kHz	any (repeater stations [input])
	1.272 – 1.290994 GHz		ATV. DATV
	1.290994 – 1.291481 GHz	20 kHz	FM, digital voice (repeater stations [input])
	1.291494 – 1.296 GHz		any (repeater stations [input])
	1.296 – 1.29615 GHz	500 Hz	digital, CW
	1.29615 – 1.2968 GHz	2.7 kHz	digital, CW, SSB
	1.2968 – 1.296994 GHz	500 Hz	beacon stations
	1.296994 – 1.297481 GHz	20 kHz	FM, digital voice (repeater stations [output])
	1.297494 – 1.297981 GHz	20 kHz	FM, digital voice
	1.298 – 1.299 GHz	20 kHz	any
	1.299 – 1.29975 GHz	150 kHz	any
	1.29975 – 1.300 GHz	20 kHz	any
13 cm	2.300 – 2.320 GHz	20 kHz	any
	2.320 – 2.3208 GHz	any	any
	2.3208 – 2.321 GHz		beacon stations
	2.321 – 2.322 GHz	20 kHz	FM, digital voice
	2.322 – 2.400 GHz	any	any
	2.400 – 2.450 GHz		satellite communication
9 cm	3.400 – 3.4008 GHz	500 Hz	digital, CW
	3.4008 – 3.400995 GHz	500 Hz	digital, CW (beacon stations)
	3.401 – 3.402 GHz	2.7 kHz	any
	3.402 – 3.410 GHz	any	any (satellite communication downlink)
	3.410 – 3.475 GHz	any	any
6 cm	5.650 – 5.670 GHz	2.7 kHz	any (satellite communication uplink)
	5.670 – 5.700 GHz	any	digital
	5.720 – 5.760 GHz	any	any
	5.760 – 5.7608 GHz	2.7 kHz	any
	5.7608 – 5.76099 GHz	any	digital, CW (beacon stations)
	5.761 – 5.762 GHz	2.7 kHz	any
	5.762 – 5.790 GHz	any	any
	5.790 – 5.850 GHz	any	any (satellite communication downlink)
3 cm	10.000 – 10.150 GHz	any	digital
	10.150 – 10.250 GHz	any	any
	10.250 – 10.350 GHz	any	digital
	10.350 – 10.368 GHz	any	any
	10.368 – 10.3688 GHz	2.7 kHz	any
	10.3688 – 10.36899 GHz		beacon stations
	10.369 – 10.370 GHz	2.7 kHz	any
	10.370 – 10.500 GHz		any
1.2 cm	24.000 – 24.048 GHz		any
	24.048 – 24.0488 GHz	2.7 kHz	any (satellite communication)
	24.0488 – 24.048995 GHz		any (beacon stations)
	24.049 – 24.050 GHz	2.7 kHz	any (satellite communication)
	24.050 – 24.250 GHz		any
6 mm	47.000 – 47.088 GHz	any	any
	47.088 – 47.090 GHz	2.7 kHz	any
	47.090 – 47.200 GHz	any	any
4 mm	75.500 – 76.000 GHz	2.7 kHz	any (satellite communication)
	76.000 – 77.500 GHz	any	any
	77.500 – 77.501 GHz	2.7 kHz	any (satellite communication)
	77.501 – 81.500 GHz	any	any
2.5 mm	122.250 – 122.251 GHz	2.7 kHz	any
	122.251 – 123.000 GHz	any	any
2 mm	134.000 – 134.928 GHz	any	any (satellite communication)
	134.928 – 134.930 GHz	2.7 kHz	any
	134.930 – 141.000 GHz	any	any
1.2 mm	241.000 – 248.000 GHz	any	any
	248.000 – 248.001 GHz	any	any (satellite communication)
	248.001 – 250.000 GHz	any	any

Notes

[1] Bandwidth not specified, 500 Hz suggested

Info

IARU Region 1 – https://www.iaru-r1.org/wp-content/uploads/2021/06/hf_r1_bandplan.pdf (current as of 2020-10-16); https://www.iaru-r1.org/wp-content/uploads/2020/12/VHF-Bandplan.pdf (current as of 2020-12-02); https://www.iaru-r1.org/wp-content/uploads/2021/03/UHF-Bandplan.pdf (current as of 2021-03-18); https://www.iaru-r1.org/wp-content/uploads/2020/12/SHF-Bandplan.pdf (current as of 2020-12-02); https://www.iaru-r1.org/wp-content/uploads/2020/12/%C2%B5W-Bandplan.pdf (current as of 2020-12-02)