



# Countries with CEPT Licence

Compiled by Hans Schwarz, DK5JI  
(Current as of 2020-04-25)

## International Affairs

### Albania

Implementation	CEPT			CEPT Novice		
	T/R 61-01 implemented, but guest licence required <sup>1</sup>			ECC/REC/(05)06 implemented, but guest licence required <sup>1</sup>		
Call sign	ZA/			ZA/		
Extensions	CEPT Licence			CEPT Novice Licence		
Equivalent national class	CEPT Licence			CEPT Novice Licence		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m						
630 m						
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						
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	100 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 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

<sup>1</sup> Application for guest licence: Telecommunications Regulatory Entity, Reshit Çollaku Street No. 43, Tirana, Albania

### 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](https://akep.al/wp-content/uploads/images/stories/AKEP/rregullore/2017/RREGULLORE_PER_SHERBIMET_RADIOAMATORE_2.pdf) (current as of 2017-01-24)

## Australia

		<b>CEPT</b>		<b>CEPT Novice</b>		
<b>Implementation</b>		T/R 61-01 implemented		ECC/REC/(05)06 not implemented, but CEPT Novice licence accepted		
<b>Call sign</b>		VK/		VK/		
<b>Extensions</b>		/P (optional)		/P (optional)		
<b>Equivalent national class</b>		Radiocommunications (Overseas Amateurs Visiting Australia) Class Licence 2015				
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>
2200 m	135.700 – 137.800 kHz	1 W EIRP	2.1 kHz			
630 m	472.000 – 479.000 kHz <sup>1</sup>	5 W EIRP	2.1 kHz			
160 m	1.800 – 1.875 MHz	400 W <sup>2</sup>	any			
80 m	3.500 – 3.700 MHz	400 W <sup>2</sup>	any			
	3.776 – 3.800 MHz	400 W <sup>2</sup>	8 kHz			
60 m						
40 m	7.000 – 7.100 MHz	400 W <sup>2</sup>	any			
	7.100 – 7.300 MHz	400 W <sup>2</sup>	8 kHz			
30 m	10.100 – 10.150 MHz	400 W <sup>2</sup>	8 kHz			
20 m	14.000 – 14.350 MHz	400 W <sup>2</sup>	any			
17 m	18.068 – 18.168 MHz	400 W <sup>2</sup>	any			
15 m	21.000 – 21.450 MHz	400 W <sup>2</sup>	any			
12 m	24.890 – 24.990 MHz	400 W <sup>2</sup>	any			
10 m	28.000 – 29.700 MHz	400 W <sup>2</sup>	any			
6 m	50.000 – 52.000 MHz	100 W	100 kHz			
	52.000 – 54.000 MHz	400 W <sup>2</sup>	any			
4 m						
2 m	144.000 – 148.000 MHz	400 W <sup>2</sup>	any	146.000 – 148.000 MHz	10 W	F3E
70 cm	430.000 – 450.000 MHz	400 W <sup>2</sup>	any			
23 cm	1.240 – 1.300 GHz	400 W <sup>2</sup>	any			
13 cm	2.300 – 2.302 GHz	400 W <sup>2</sup>	any			
	2.400 – 2.450 GHz	400 W <sup>2</sup>	any			
9 cm	3.300 – 3.600 GHz <sup>3 4 5</sup>	400 W <sup>2</sup>	any			
6 cm	5.650 – 5.850 GHz	400 W <sup>2</sup>	any			
3 cm	10.000 – 10.500 GHz	400 W <sup>2</sup>	any			
1.2 cm	24.000 – 24.250 GHz	400 W <sup>2</sup>	any			
6 mm	47.000 – 47.200 GHz	400 W <sup>2</sup>	any			
4 mm	76.000 – 81.000 GHz	400 W <sup>2</sup>	any			
2.5 mm	122.250 – 123.000 GHz	400 W <sup>2</sup>	any			
2 mm	134.000 – 141.000 GHz	400 W <sup>2</sup>	any			
1.2 mm	241.000 – 250.000 GHz	400 W <sup>2</sup>	any			

### Notes

- <sup>1</sup> Exmouth and Timor Non Directional Beacon areas excluded
- <sup>2</sup> 400 W PEP for emission modes C3F, J3E, R3E; 120 W mean power for all other emission modes
- <sup>3</sup> Regionally excluded frequency ranges 3.400–3.425 GHz and 3.4925–3.5425 GHz
- <sup>4</sup> Regionally excluded frequency ranges 3.425–3.4425 GHz and 3.475–3.4925 GHz
- <sup>5</sup> Regionally excluded frequency ranges 3.4425–3.475 GHz and 3.5425–3.575 GHz

### Info

Australian Communications and Media Authority (ACMA) – <https://www.legislation.gov.au/Details/F2019C00752> (current as of 2019-10-09)

## Austria

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		OE/			OE/		
<b>Extensions</b>		/M, /P			/M, /P		
<b>Equivalent national class</b>		Class 1/Power Level B			Class 4/Power Level A		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
2200 m	135.700 – 137.800 kHz	1 W ERP	1				
630 m	1.810 – 1.830 MHz	100 W	1	1.810 – 1.830 MHz	100 W	1	
160 m	1.830 – 1.840 MHz	200 W	1	1.830 – 1.840 MHz	100 W	1	
	1.840 – 1.850 MHz	200 W	2	1.840 – 1.850 MHz	100 W	2	
	1.850 – 1.950 MHz	100 W	2	1.850 – 1.950 MHz	100 W	2	
80 m	3.500 – 3.800 MHz	200 W	any	3.500 – 3.800 MHz	100 W	any	
60 m							
40 m	7.000 – 7.200 MHz	200 W	any				
30 m	10.100 – 10.150 MHz	200 W	any				
20 m	14.000 – 14.350 MHz	200 W	any				
17 m	18.068 – 18.168 MHz	200 W	any				
15 m	21.000 – 21.450 MHz	200 W	any	21.000 – 21.450 MHz	100 W	any	
12 m	24.890 – 24.990 MHz	200 W	any				
10 m	28.000 – 29.700 MHz	200 W	any	28.000 – 29.700 MHz	100 W	any	
6 m	50.000 – 52.000 MHz	100 W	any				
4 m							
2 m	144.000 – 146.000 MHz	200 W	any	144.000 – 146.000 MHz	100 W	any	
70 cm	430.000 – 440.000 MHz <sup>3</sup>	200 W	any <sup>4</sup>	430.000 – 440.000 MHz <sup>3</sup>	100 W	any <sup>4</sup>	
23 cm	1.240 – 1.300 GHz	200 W	any				
13 cm	2.304 – 2.310 GHz	100 W	any				
	2.320 – 2.322 GHz	100 W	any				
	2.400 – 2.450 GHz	100 W	any				
9 cm							
6 cm	5.650 – 5.850 GHz	100 W	any				
3 cm	10.368 – 10.370 GHz	100 W	any				
	10.400 – 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 – 81.000 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

- <sup>1</sup> A1A, A1B only
- <sup>2</sup> A1A, A1B, J3E only
- <sup>3</sup> 439.100 – 440.000 MHz reception only
- <sup>4</sup> ATV on 433.750 and 434.250 MHz

### Info

Bundesminister für Verkehr, Innovation und Technologie (BMVIT) –  
<https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=10012930> (current as of 2019-12-23)

## Belarus

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	100 W	any <sup>2</sup>			
630 m	1.810 – 1.830 MHz	10 W	any <sup>2</sup>	1.830 – 2.000 MHz	5 W	any <sup>2</sup>
160 m	1.830 – 1.850 MHz	500 W <sup>3</sup>	any <sup>2</sup>			
	1.850 – 2.000 MHz	10 W	any <sup>2</sup>			
80 m	3.500 – 3.800 MHz	500 W <sup>3</sup>	any <sup>2</sup>	3.510 – 3.700 MHz	25 W	any <sup>2</sup>
60 m	5.3515 – 5.3665 MHz	50 W	any <sup>2</sup>			
40 m	7.000 – 7.200 MHz	500 W <sup>3</sup>	any <sup>2</sup>	7.000 – 7.100 MHz	25 W	any <sup>2</sup>
30 m	10.100 – 10.150 MHz <sup>1</sup>	500 W <sup>3</sup>	any <sup>2</sup>			
20 m	14.000 – 14.350 MHz	500 W <sup>3</sup>	any <sup>2</sup>			
17 m	18.068 – 18.168 MHz <sup>1</sup>	500 W <sup>3</sup>	any <sup>2</sup>			
15 m	21.000 – 21.450 MHz	500 W <sup>3</sup>	any <sup>2</sup>	21.025 – 21.450 MHz	25 W	any <sup>2</sup>
12 m	24.890 – 24.990 MHz <sup>1</sup>	500 W <sup>3</sup>	any <sup>2</sup>			
10 m	28.000 – 29.700 MHz	500 W <sup>3</sup>	any <sup>2</sup>	28.000 – 29.700 MHz	25 W	any <sup>2</sup>
6 m						
4 m						
2 m	144.000 – 146.000 MHz	100 W <sup>4</sup>	any <sup>2</sup>	144.000 – 146.000 MHz	10 W	any <sup>2</sup>
70 cm	430.000 – 440.000 MHz	50 W <sup>5</sup>	any <sup>2</sup>	430.000 – 440.000 MHz	10 W	any <sup>2</sup>
23 cm	1.240 – 1.300 GHz	50 W <sup>5</sup>	any <sup>2</sup>	1.240 – 1.300 GHz	10 W	any <sup>2</sup>
13 cm	2.300 – 2.450 GHz	50 W <sup>5</sup>	any <sup>2</sup>	2.300 – 2.450 GHz	10 W	any <sup>2</sup>
9 cm						
6 cm	5.650 – 5.850 GHz	50 W <sup>5</sup>	any <sup>2</sup>	5.650 – 5.850 GHz	10 W	any <sup>2</sup>
3 cm	10.000 – 10.500 GHz	50 W <sup>5</sup>	any <sup>2</sup>	10.000 – 10.500 GHz	10 W	any <sup>2</sup>
1.2 cm	24.000 – 24.250 GHz	50 W <sup>5</sup>	any <sup>2</sup>	24.000 – 24.250 GHz	10 W	any <sup>2</sup>
6 mm	47.000 – 47.200 GHz	50 W <sup>5</sup>	any <sup>2</sup>	47.000 – 47.200 GHz	10 W	any <sup>2</sup>
4 mm	76.000 – 81.500 GHz	50 W <sup>5</sup>	any <sup>2</sup>	76.000 – 81.500 GHz	10 W	any <sup>2</sup>
2.5 mm	122.250 – 123.000 GHz	50 W <sup>5</sup>	any <sup>2</sup>	122.250 – 123.000 GHz	10 W	any <sup>2</sup>
2 mm	134.000 – 141.000 GHz	50 W <sup>5</sup>	any <sup>2</sup>	134.000 – 141.000 GHz	10 W	any <sup>2</sup>
1.2 mm	241.000 – 250.000 GHz	50 W <sup>5</sup>	any <sup>2</sup>	241.000 – 250.000 GHz	10 W	any <sup>2</sup>

### Notes

- <sup>1</sup> Only for CEPT with CW 12 wpm
- <sup>2</sup> Modes according to the IARU Region 1 band plan
- <sup>3</sup> 500 W for CEPT licence with CW 12 wpm, 100 W for CEPT licence without CW
- <sup>4</sup> 100 W for CEPT licence with CW 12 wpm, 50 W for CEPT licence without CW
- <sup>5</sup> 50 W for CEPT licence with CW 12 wpm, 25 W for CEPT licence without CW

### Info

State Commission for Radio Frequencies under the Security Council of the Republic of Belarus – [http://bfr.net/download/Решение\\_№19К\\_11\\_от\\_14\\_октября\\_2011г..pdf](http://bfr.net/download/Решение_№19К_11_от_14_октября_2011г..pdf) (current as of 2011-10-14)

## Belgium

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		ON/			ON/		
<b>Extensions</b>		/M, /MM, /P (optional)			/M, /MM, /P (optional)		
<b>Equivalent national class</b>		Class A			Class B		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
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	A1A				
160 m	1.810 – 1.850 MHz	1500 W	any	1.810 – 2.000 MHz	100 W	<sup>3</sup>	
	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	<sup>3</sup>	
60 m	5.3515 – 5.3665 MHz	15 W ERP	any				
40 m	7.000 – 7.200 MHz	1500 W	any	7.000 – 7.200 MHz	100 W	<sup>3</sup>	
30 m	10.100 – 10.150 MHz	1500 W	any	10.100 – 10.150 MHz	100 W	<sup>3</sup>	
20 m	14.000 – 14.350 MHz	1500 W	any	14.000 – 14.350 MHz	100 W	<sup>3</sup>	
17 m	18.068 – 18.168 MHz	1500 W	any	18.068 – 18.168 MHz	100 W	<sup>3</sup>	
15 m	21.000 – 21.450 MHz	1500 W	any	21.000 – 21.450 MHz	100 W	<sup>3</sup>	
12 m	24.890 – 24.990 MHz	1500 W	any	24.890 – 24.990 MHz	100 W	<sup>3</sup>	
10 m	28.000 – 29.700 MHz	1500 W	any	28.000 – 29.700 MHz	100 W	<sup>3</sup>	
6 m	50.000 – 52.000 MHz	200 W	any	50.000 – 52.000 MHz	100 W	<sup>3</sup>	
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	<sup>3</sup>	
70 cm	430.000 – 433.050 MHz	1500 W	any	430.000 – 440.000 MHz	50 W	<sup>3</sup>	
	433.050 – 434.790 MHz	200 W <sup>1</sup>	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 <sup>2</sup>	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

<sup>1</sup> 200 W EIRP for ATV/DATV

<sup>2</sup> 20 W ERP for ATV/DATV

<sup>3</sup> Any mode except ATV/DATV

### Info

Belgisch Instituut voor Postdiensten en Telecommunicatie (BIPT) – [https://www.bipt.be/public/files/nl/22813/2019-05-24\\_RAM-besluit.pdf](https://www.bipt.be/public/files/nl/22813/2019-05-24_RAM-besluit.pdf) (current as of 2019-05-24)

## Bosnia and Hercegovina

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		E7/			E7/		
Extensions							
Equivalent national class		Class 1			Class 2		
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	1.810 – 1.830 MHz	1500 W	CW				
160 m	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 – 74.500 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 – 3.500 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 – 77.500 GHz	1500 W	any				
	81.000 – 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) – <https://docs.rak.ba/articles/71790459-ac03-4ebe-9a0e-572d2f7d835e.pdf> (current as of 2018-06-20)

## Bulgaria

	CEPT		CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented		ECC/REC/(05)06 not implemented	
<b>Call sign</b>	LZ/			
<b>Extensions</b>				
<b>Equivalent national class</b>	Class 1			
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
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 <sup>1</sup>	
60 m	5.250 – 5.3515 MHz	100 W	any <sup>1</sup>	
	5.3515 – 5.3665 MHz	15 W EIRP	any <sup>1</sup>	
	5.3665 – 5.450 MHz	100 W	any <sup>1</sup>	
40 m	7.000 – 7.200 MHz	350 W	any <sup>1</sup>	
30 m	10.100 – 10.150 MHz	350 W	any <sup>2</sup>	
20 m	14.000 – 14.350 MHz	350 W	any <sup>1</sup>	
17 m	18.068 – 18.168 MHz	350 W	any <sup>1</sup>	
15 m	21.000 – 21.450 MHz	350 W	any <sup>1</sup>	
12 m	24.890 – 24.990 MHz	350 W	any <sup>1</sup>	
10 m	28.000 – 29.700 MHz	350 W	any <sup>1</sup>	
6 m	50.050 – 50.200 MHz	10 W	any <sup>3</sup>	
4 m	69.900 – 70.500 MHz	50 W	any <sup>3</sup>	
2 m	144.000 – 146.000 MHz	150 W	any <sup>1</sup>	
70 cm	430.000 – 440.000 MHz	100 W	any <sup>1</sup>	
23 cm	1.240 – 1.300 GHz	50 W	any <sup>1</sup>	
13 cm	2.300 – 2.450 GHz	5 W	any <sup>1</sup>	
9 cm	3.400 – 3.500 GHz	5 W	any <sup>1</sup>	
6 cm	5.650 – 5.850 GHz	5 W	any <sup>1</sup>	
3 cm	10.000 – 10.500 GHz	1 W	any <sup>1</sup>	
1.2 cm	24.000 – 24.250 GHz	1 W	any <sup>1</sup>	
6 mm	47.000 – 47.200 GHz	1 W	any <sup>1</sup>	
4 mm	75.500 – 81.500 GHz	1 W	any <sup>1</sup>	
2.5 mm	122.250 – 123.000 GHz	1 W	any <sup>1</sup>	
2 mm	134.000 – 141.000 GHz	1 W	any <sup>1</sup>	
1.2 mm	241.000 – 250.000 GHz	1 W	any <sup>1</sup>	

### Notes

- <sup>1</sup> Modes according to the IARU Region 1 band plan  
<sup>2</sup> A1A, A3E, J2A, J2B, J2C, J2D, J3C  
<sup>3</sup> A1A, A1B, A1C, A1D, J3C, J3E, J3F

### Info

Communications Regulation Commission (CRC) – [https://crc.bg/files/techicheski\\_iziskvania\\_radiolub\\_2019-01-18\\_30.01.2019\\_en.pdf](https://crc.bg/files/techicheski_iziskvania_radiolub_2019-01-18_30.01.2019_en.pdf)  
 (current as of 2019-01-18)

## Canada

	CEPT			CEPT Novice		
<b>Implementation</b>	T/R 61-01 implemented			ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted		
<b>Call sign</b>	VE1/ Nova Scotia			VE1/ Nova Scotia		
	VE2/ Quebec			VE2/ Quebec		
	VE3/ Ontario			VE3/ Ontario		
	VE4/ Manitoba			VE4/ Manitoba		
	VE5/ Saskatchewan			VE5/ Saskatchewan		
	VE6/ Alberta			VE6/ Alberta		
	VE7/ British Columbia			VE7/ British Columbia		
	VE8/ Northwest Territories			VE8/ Northwest Territories		
	VE9/ New Brunswick			VE9/ New Brunswick		
	VO1/ Newfoundland			VO1/ Newfoundland		
	VO2/ Labrador			VO2/ Labrador		
	VY1/ Yukon Territory			VY1/ Yukon Territory		
	VY2/ Prince Edward Island			VY2/ Prince Edward Island		
	VYØ/ Nunavut Territory			VYØ/ Nunavut Territory		
<b>Extensions</b>	/M			/M		
<b>Equivalent national class</b>	CEPT with CW 5 wpm: Advanced Qualification			CEPT without CW, CEPT Novice: Basic Qualification		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>
2200 m	135.700 – 137.800 kHz	1 W EIRP	100 Hz			
630 m	472.000 – 479.000 kHz	5 W	any			
160 m	1.800 – 2.000 MHz	2250 W <sup>1</sup>	6 kHz			
80 m	3.500 – 4.000 MHz	2250 W <sup>1</sup>	6 kHz			
60 m	5.332 MHz	100 W ERP	2.8 kHz			
	5.348 MHz	100 W ERP	2.8 kHz			
	5.3585 MHz	100 W ERP	2.8 kHz			
	5.373 MHz	100 W ERP	2.8 kHz			
	5.405 MHz	100 W ERP	2.8 kHz			
40 m	7.000 – 7.300 MHz	2250 W <sup>1</sup>	6 kHz			
30 m	10.100 – 10.150 MHz	2250 W <sup>1</sup>	1 kHz			
20 m	14.000 – 14.350 MHz	2250 W <sup>1</sup>	6 kHz			
17 m	18.068 – 18.168 MHz	2250 W <sup>1</sup>	6 kHz			
15 m	21.000 – 21.450 MHz	2250 W <sup>1</sup>	6 kHz			
12 m	24.890 – 24.990 MHz	2250 W <sup>1</sup>	6 kHz			
10 m	28.000 – 29.700 MHz	2250 W <sup>1</sup>	20 kHz			
6 m	50.000 – 54.000 MHz	2250 W <sup>1</sup>	30 kHz	50.000 – 54.000 MHz	560 W <sup>2</sup>	30 kHz
4 m						
2 m	144.000 – 148.000 MHz	2250 W <sup>1</sup>	30 kHz	144.000 – 148.000 MHz	560 W <sup>2</sup>	30 kHz
1.25 m	219.000 – 220.000 MHz	2250 W <sup>1</sup>	100 kHz	219.000 – 220.000 MHz	560 W <sup>2</sup>	100 kHz
	222.000 – 225.000 MHz	2250 W <sup>1</sup>	100 kHz	222.000 – 225.000 MHz	560 W <sup>2</sup>	100 kHz
70 cm	430.000 – 450.000 MHz	2250 W <sup>1</sup>	12 MHz	430.000 – 450.000 MHz	560 W <sup>2</sup>	12 MHz
33 cm	902.000 – 928.000 MHz	2250 W <sup>1</sup>	12 MHz	902.000 – 928.000 MHz	560 W <sup>2</sup>	12 MHz
23 cm	1.240 – 1.300 GHz	2250 W <sup>1</sup>	any	1.240 – 1.300 GHz	560 W <sup>2</sup>	any
13 cm	2.300 – 2.450 GHz	2250 W <sup>1</sup>	any	2.300 – 2.450 GHz	560 W <sup>2</sup>	any
9 cm	3.300 – 3.500 GHz	2250 W <sup>1</sup>	any	3.300 – 3.500 GHz	560 W <sup>2</sup>	any
6 cm	5.650 – 5.925 GHz	2250 W <sup>1</sup>	any	5.650 – 5.925 GHz	560 W <sup>2</sup>	any
3 cm	10.000 – 10.500 GHz	2250 W <sup>1</sup>	any	10.300 – 10.500 GHz	560 W <sup>2</sup>	any
1.2 cm	24.000 – 24.250 GHz	2250 W <sup>1</sup>	any	24.000 – 24.050 GHz	560 W <sup>2</sup>	any
6 mm	47.000 – 47.200 GHz	2250 W <sup>1</sup>	any	47.000 – 47.200 GHz	560 W <sup>2</sup>	any
4 mm	76.000 – 81.500 GHz	2250 W <sup>1</sup>	any	76.000 – 81.500 GHz	560 W <sup>2</sup>	any
2.5 mm	122.250 – 123.000 GHz	2250 W <sup>1</sup>	any	122.250 – 123.000 GHz	560 W <sup>2</sup>	any
2 mm	134.000 – 141.000 GHz	2250 W <sup>1</sup>	any	134.000 – 141.000 GHz	560 W <sup>2</sup>	any
1.2 mm	241.000 – 250.000 GHz	2250 W <sup>1</sup>	any	241.000 – 250.000 GHz	560 W <sup>2</sup>	any

### Notes

<sup>1</sup> Carrier power 750 W

<sup>2</sup> Carrier power 190 W

### Info

Innovation, Science and Economic Development Canada – <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01226.html> (current as of 2016-04-29)



## Croatia

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		9A/			9A/		
Extensions		/M, /P			/M, /P		
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	A1A, F1B				
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 <sup>1</sup>	430.000 – 440.000 MHz	100 W	2/7 MHz <sup>1</sup>	
23 cm	1.240 – 1.300 GHz	1500 W	2/7/18 MHz <sup>1</sup>	1.240 – 1.300 GHz	100 W	2/7/18 MHz <sup>1</sup>	
13 cm	2.300 – 2.450 GHz	150 W	10/20 MHz <sup>1</sup>	2.300 – 2.450 GHz	100 W	10/20 MHz <sup>1</sup>	
9 cm	3.400 – 3.410 GHz	150 W	10 MHz				
6 cm	5.650 – 5.850 GHz	150 W	10/20 MHz <sup>1</sup>	5.650 – 5.850 GHz	100 W	10/20 MHz <sup>1</sup>	
3 cm	10.000 – 10.500 GHz	150 W	10/20 MHz <sup>1</sup>	10.000 – 10.500 GHz	100 W	10/20 MHz <sup>1</sup>	
1.2 cm	24.000 – 24.050 GHz	150 W		24.000 – 24.050 GHz	100 W	10/20 MHz <sup>1</sup>	
	24.050 – 24.250 GHz	150 W	10/20 MHz <sup>1</sup>	24.050 – 24.250 GHz	100 W		
6 mm	47.000 – 47.200 GHz	150 W		47.000 – 47.200 GHz	100 W		
4 mm	76.000 – 81.000 GHz	150 W	10/20 MHz <sup>1</sup>	76.000 – 81.000 GHz	100 W	10/20 MHz <sup>1</sup>	
2.5 mm	122.250 – 123.000 GHz	150 W	10/20 MHz <sup>1</sup>	122.250 – 123.000 GHz	100 W	10/20 MHz <sup>1</sup>	
2 mm	134.000 – 141.000 GHz	150 W	10/20 MHz <sup>1</sup>	134.000 – 141.000 GHz	100 W	10/20 MHz <sup>1</sup>	
1.2 mm	241.000 – 250.000 GHz	150 W		241.000 – 250.000 GHz	100 W		

### Notes

<sup>1</sup> 7 MHz AM-ATV, DATV; 18/20 MHz FM-ATV

### Info

Hrvatska agencija za poštu i elektroničke komunikacije (HAKOM) – [https://narodne-novine.nn.hr/clanci/sluzbeni/2017\\_11\\_116\\_2690.html](https://narodne-novine.nn.hr/clanci/sluzbeni/2017_11_116_2690.html) (current as of 2017-11-24)

## Cyprus

	CEPT	CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>	5B/		
<b>Extensions</b>			
<b>Equivalent national class</b>	Amateur Radio License		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	
		<b>Bandwidth/ Modes</b>	
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 – [http://www.cyhams.org/wp/?page\\_id=1250](http://www.cyhams.org/wp/?page_id=1250) (current as of 2018-02-20); Ministry of Transport, Communications and Works –

[http://www.mcw.gov.cy/mcw/dec/dec.nsf/all/292484CFC7013DD4C2256EBA0023D447/\\$file/Sxedio%20Radiosyxnothtn%20ths%20Dhmokratias-3-8-2018-E2.2\(English%20Unified%20Unofficial\).pdf?openelement](http://www.mcw.gov.cy/mcw/dec/dec.nsf/all/292484CFC7013DD4C2256EBA0023D447/$file/Sxedio%20Radiosyxnothtn%20ths%20Dhmokratias-3-8-2018-E2.2(English%20Unified%20Unofficial).pdf?openelement) (current as of 2018-08-03)

## Czechia

		<b>CEPT</b>			<b>CEPT Novice</b>		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		OK/			OK/		
<b>Extensions</b>		/M, /P			/M, /P		
<b>Equivalent national class</b>		Class A			Class N		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	
2200 m	135.700 – 137.800 kHz	1 W ERP	<sup>2</sup>				
630 m	1.810 – 1.850 MHz	750 W	any	1.830 – 2.000 MHz	10 W	any	
160 m	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							
40 m	7.000 – 7.200 MHz	750 W	any <sup>3</sup>				
30 m	10.100 – 10.140 MHz	750 W	<sup>4</sup>				
	10.140 – 10.150 MHz	750 W					
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							
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

- <sup>1</sup> Bandwidth and modes according to the IARU Region 1 band plan
- <sup>2</sup> A1A, F1A, G1A only
- <sup>3</sup> A1A, F1A, G1A, J2A only
- <sup>4</sup> J1D, J2D, F1D, G1D only

### Info

Ministerstvo informatiky – <https://www.zakonyprolidi.cz/cs/2005-156> (current as of 2005-05-01)

# Denmark

## Denmark, Faroe Islands

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark	/AM, /M, /MM, /P (optional)	Category A	OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark	/AM, /M, /MM, /P (optional)	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
	69.9375 – 70.0625 MHz	25 W	16 kHz	69.9375 – 70.0625 MHz	25 W	16 kHz
4 m	70.0875 – 70.1125 MHz	25 W	16 kHz	70.0875 – 70.1125 MHz	25 W	16 kHz
	70.1625 – 70.5125 MHz	25 W	16 kHz	70.1625 – 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/Forms/R0710.aspx?id=184814> (current as of 2016-08-10)

## Denmark – Greenland

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	T/R 61-01 implemented		Category A	ECC/REC/(05)06 implemented		Category B
	OX/ Grønland/Greenland	/AM, /M, /MM, /P (optional)		OX/ Grønland/Greenland	/AM, /M, /MM, /P (optional)	
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	8 kHz	472.000 – 479.000 kHz	5 W ERP	8 kHz
160 m	1.800 – 2.000 MHz	1000 W	8 kHz	1.800 – 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

Den Grønlandske Lovsamling – [http://www.dgl.gl/regler2/dk/bkgdk\\_2012-1134\\_bilag3.pdf](http://www.dgl.gl/regler2/dk/bkgdk_2012-1134_bilag3.pdf) (current as of 2012-12-03)

## Estonia

	CEPT			CEPT Novice		
<b>Implementation</b>	T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>	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		
<b>Extensions</b>	/AM, /M, /P (only handheld equipment)			/AM, /M, /P (only handheld equipment)		
<b>Equivalent national class</b>	CEPT with CW 5 wpm: Class A CEPT without CW: Class B			Class D		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>
2200 m	135.700 – 137.800 kHz	1 W ERP	any <sup>2</sup>			
630 m	472.000 – 479.000 kHz	1 W ERP	any <sup>2</sup>			
160 m	1.810 – 1.850 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
	1.850 – 1.955 MHz	10 W ERP	any <sup>4</sup>			
80 m	3.500 – 3.800 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
60 m	5.3515 – 5.3665 MHz	15 W EIRP	800 Hz			
40 m	7.000 – 7.200 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
30 m	10.100 – 10.150 MHz	1000 W <sup>6</sup>	any <sup>2</sup>			
20 m	14.000 – 14.350 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
17 m	18.068 – 18.168 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
15 m	21.000 – 21.450 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
12 m	24.890 – 24.990 MHz	1000 W <sup>6</sup>	any <sup>3</sup>			
10 m	28.000 – 29.700 MHz	1000 W <sup>6</sup>	any <sup>3</sup>	28.000 – 29.700 MHz	10 W	any <sup>3</sup>
6 m	50.000 – 52.000 MHz	1000 W <sup>6</sup>	any <sup>3</sup>	50.200 – 52.000 MHz	10 W	any <sup>3</sup>
4 m	70.000 – 70.300 MHz	1000 W <sup>6,7</sup>	any <sup>3</sup>	70.000 – 70.300 MHz	10 W	any <sup>3</sup>
2 m	144.000 – 146.000 MHz	1000 W <sup>6</sup>	any <sup>3</sup>	144.000 – 146.000 MHz	10 W	any <sup>3</sup>
70 cm	432.000 – 438.000 MHz	1000 W <sup>6</sup>	any <sup>5</sup>	432.000 – 438.000 MHz	10 W	any <sup>5</sup>
23 cm	1.240 – 1.300 GHz	100 W <sup>8</sup>	any <sup>5</sup>	1.240 – 1.300 GHz	10 W	any <sup>5</sup>
13 cm	2.300 – 2.450 GHz	100 W <sup>8</sup>	any <sup>3</sup>			
9 cm	3.400 – 3.401 GHz	100 W <sup>8</sup>	any <sup>3</sup>			
6 cm	5.650 – 5.850 GHz	100 W <sup>8</sup>	any <sup>5</sup>			
3 cm	10.000 – 10.500 GHz	100 W <sup>8</sup>	any <sup>5</sup>			
1.2 cm	24.000 – 24.250 GHz					
6 mm	47.000 – 47.200 GHz					
4 mm	76.000 – 81.500 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

- <sup>1</sup> Modes according to the IARU Region 1 band plan
- <sup>2</sup> CW, MGM
- <sup>3</sup> CW, phone, MGM
- <sup>4</sup> CW, phone
- <sup>5</sup> CW, phone, MGM, ATV
- <sup>6</sup> CEPT with CW 5 wpm: 1000 W, CEPT without CW: 100 W
- <sup>7</sup> 100 W in Ida-Virumaa
- <sup>8</sup> 1000 W for A1A, F1B, J3E

### Info

Minister of Economic Affairs and Communications – <https://www.riigiteataja.ee/akt/13297230> (current as of 2013-02-10)

# Finland

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	T/R 61-01 implemented			ECC/REC/(05)06 implemented		
	OH/ Suomi/Finland			OH/ Suomi/Finland		
	OHØ/ Åland/Ahvenanmaa/Åland Islands			OHØ/ Åland/Ahvenanmaa/Åland Islands		
	/AM, /M, /MM, /P			/AM, /M, /MM, /P		
	Class Y			Class P		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range <sup>1</sup>	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 <sup>2</sup>	8 kHz	1.850 – 2.000 MHz	60 W <sup>2</sup>	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 <sup>3</sup>	50.000 – 52.000 MHz	200 W <sup>4</sup>	18 kHz	50.000 – 52.000 MHz	120 W <sup>5</sup>	18 kHz
4 m <sup>3</sup>	70.000 – 70.050 MHz	25 W	1 kHz	70.000 – 70.050 MHz	25 W	1 kHz
	70.050 – 70.250 MHz	100 W	18 kHz	70.050 – 70.250 MHz	30 W	18 kHz
	70.250 – 70.300 MHz	25 W	18 kHz	70.250 – 70.300 MHz	25 W	18 kHz
2 m	144.000 – 144.150 MHz	150 W <sup>6</sup>	18 kHz	144.000 – 144.150 MHz	120 W <sup>5</sup>	18 kHz
	144.150 – 146.000 MHz	600 W <sup>7</sup>	18 kHz	144.150 – 146.000 MHz	120 W <sup>5</sup>	18 kHz
70 cm	432.000 – 432.150 MHz	150 W <sup>6</sup>	any	432.000 – 438.000 MHz	120 W <sup>5</sup>	any
	432.150 – 438.000 MHz	600 W <sup>7</sup>	any	432.000 – 438.000 MHz	120 W <sup>5</sup>	any
23 cm						
13 cm	2.300 – 2.450 GHz	600 W <sup>7</sup>	any	2.300 – 2.450 GHz	120 W <sup>5</sup>	any
9 cm	3.400 – 3.408 GHz	600 W <sup>7</sup>	any	3.400 – 3.408 GHz	120 W <sup>5</sup>	any
6 cm	5.650 – 5.850 GHz	600 W <sup>7</sup>	any	5.650 – 5.850 GHz	120 W <sup>5</sup>	any
3 cm	10.000 – 10.280 GHz	600 W <sup>7</sup>	any	10.000 – 10.280 GHz	120 W <sup>5</sup>	any
	10.368 – 10.370 GHz	600 W <sup>7</sup>	any	10.368 – 10.370 GHz	120 W <sup>5</sup>	any
	10.450 – 10.500 GHz	600 W <sup>7</sup>	any	10.450 – 10.500 GHz	120 W <sup>5</sup>	any
1.2 cm	24.000 – 24.250 GHz	600 W <sup>7</sup>	any	24.000 – 24.250 GHz	120 W <sup>5</sup>	any
6 mm	47.000 – 47.200 GHz	600 W <sup>7</sup>	any	47.000 – 47.200 GHz	120 W <sup>5</sup>	any
4 mm	76.000 – 81.500 GHz	600 W <sup>7</sup>	any	76.000 – 81.500 GHz	120 W <sup>5</sup>	any
2.5 mm	122.250 – 123.000 GHz	600 W <sup>7</sup>	any	122.250 – 123.000 GHz	120 W <sup>5</sup>	any
2 mm	134.000 – 141.000 GHz	600 W <sup>7</sup>	any	134.000 – 141.000 GHz	120 W <sup>5</sup>	any
1.2 mm	241.000 – 250.000 GHz	600 W <sup>7</sup>	any	241.000 – 250.000 GHz	120 W <sup>5</sup>	any

## Notes

- <sup>1</sup> Only frequency ranges that are permitted in the home country
- <sup>2</sup> 15 W carrier power/60 W PEP
- <sup>3</sup> Regional restrictions
- <sup>4</sup> 150 W carrier power/200 W PEP
- <sup>5</sup> 30 W carrier power/120 W PEP
- <sup>6</sup> 600 W carrier power for A1A, digital modes, 150 W carrier power for other modes
- <sup>7</sup> 150 W carrier power/600 W PEP

## Info

Finnish Transport and Communications Agency (Traficom) –  
[https://www.finlex.fi/data/normit/45948/Radiotaajuusmaarays\\_4Z2020\\_englanti.pdf](https://www.finlex.fi/data/normit/45948/Radiotaajuusmaarays_4Z2020_englanti.pdf) (current as of 2020-04-21);  
[https://www.finlex.fi/data/normit/45948/MPS\\_M4Z2020\\_englanti.pdf](https://www.finlex.fi/data/normit/45948/MPS_M4Z2020_englanti.pdf) (current as of 2020-04-21)

## 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

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented
<b>Call sign</b>	F/ France FH/ Mayotte <sup>1</sup> FR/ Réunion FT/ Bassas da India <sup>2</sup> (FT.B), Île Europa <sup>2</sup> (FT.E), Îles Glorieuses <sup>2</sup> (FT.G), Île Juan de Nova <sup>2</sup> (FT.J), Île Tromelin <sup>2</sup> (FT.T), Archipel Crozet <sup>2</sup> (FT.W) TK/ Corse/Corsica	
<b>Extensions</b>	/M, /MM, /P	
<b>Equivalent national class</b>	HAREC	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>
2200 m	135.700 – 137.800 kHz	1 W EIRP
630 m	472.000 – 479.000 kHz	1 W EIRP
160 m	1.810 – 1.850 MHz	500 W
80 m	3.500 – 3.800 MHz	500 W
60 m	5.3515 – 5.3665 MHz	15 W EIRP
40 m	7.000 – 7.200 MHz	500 W
30 m	10.100 – 10.150 MHz	500 W
20 m	14.000 – 14.350 MHz	500 W
17 m	18.068 – 18.168 MHz	500 W
15 m	21.000 – 21.450 MHz	500 W
12 m	24.890 – 24.990 MHz	500 W
10 m	28.000 – 29.700 MHz	250 W
6 m	50.000 – 52.000 MHz	120 W
4 m		
2 m	144.000 – 146.000 MHz	120 W
70 cm	430.000 – 440.000 MHz	120 W
23 cm	1.240 – 1.300 GHz	120 W
13 cm	2.300 – 2.450 GHz	120 W
9 cm		
6 cm	5.650 – 5.850 GHz	120 W
3 cm	10.000 – 10.500 GHz	120 W
1.2 cm	24.000 – 24.250 GHz	120 W
6 mm	47.000 – 47.200 GHz	120 W
4 mm	76.000 – 81.500 GHz	120 W
2.5 mm	122.250 – 123.000 GHz	120 W
2 mm	134.000 – 141.000 GHz	120 W
1.2 mm	241.000 – 250.000 GHz	120 W
		<b>Bandwidth/ Modes</b>
		1 kHz
		1 kHz
		6 kHz
		6 kHz
		6 kHz
		6 kHz
		6 kHz
		6 kHz
		6 kHz
		6 kHz
		12 kHz
		12 kHz
		20 kHz
		20 kHz
		any
		any
		any
		any
		any
		any
		any
		any
		any
		any
		any

### Notes

- <sup>1</sup> Guest licence required
- <sup>2</sup> Guest licence and landing permission required

### Info

Legifrance – [https://www.legifrance.gouv.fr/jo\\_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=](https://www.legifrance.gouv.fr/jo_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=) (current as of 2013-03-07); Autorité de Régulation des Communications Electroniques et des Postes (ARCEP) – [https://www.legifrance.gouv.fr/affichTexte.do;jsessionid=517BE924C82826153E8C43316191C330.tplgfr42s\\_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809](https://www.legifrance.gouv.fr/affichTexte.do;jsessionid=517BE924C82826153E8C43316191C330.tplgfr42s_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809) (current as of 2020-02-13); Radio-Club de la Haute Île – <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2020-02)



## France – ITU Region 2

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

Implementation		CEPT	CEPT Novice	
Call sign		T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
Extensions		FG/ Guadeloupe		
Equivalent national class		FJ/ Saint-Barthélémy		
Band		FM/ Martinique		
		FO/ Clipperton <sup>1</sup>		
		FP/ Saint-Pierre et Miquelon		
		FS Saint-Martin		
		FY Guyane Française/French Guyana		
		/M, /MM, /P		
		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	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

<sup>1</sup> Guest licence and landing permission required

### Info

Legifrance – [https://www.legifrance.gouv.fr/jo\\_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=](https://www.legifrance.gouv.fr/jo_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=) (current as of 2013-03-07); Autorité de Régulation des Communications Electroniques et des Postes (ARCEP) – [https://www.legifrance.gouv.fr/affichTexte.do?sessionId=517BE924C82826153E8C43316191C330.tplgr42s\\_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809](https://www.legifrance.gouv.fr/affichTexte.do?sessionId=517BE924C82826153E8C43316191C330.tplgr42s_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809) (current as of 2020-02-13); Radio-Club de la Haute Île – <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2020-02)

## France – ITU Region 3

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

	CEPT	CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>	FK/ Nouvelle Calédonie/New Caledonia <sup>1</sup> FO/ Polynésie Française/French Polynesia <sup>1</sup> FT/ Îles Kerguelen <sup>2</sup> (FT.X), Terre-Adélie/Adélie Land <sup>2</sup> (FT.Y), Îles Saint-Paul et Nouvelle-Amsterdam <sup>2</sup> (FT.Z) FW/ Wallis et Futuna <sup>1</sup>		
<b>Extensions</b>	/M, /MM, /P		
<b>Equivalent national class</b>	HAREC		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	
		<b>Bandwidth/ Modes</b>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m			
160 m	1.800 – 1.830 MHz <sup>3</sup>	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 <sup>4</sup>	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

- <sup>1</sup> Guest licence required
- <sup>2</sup> Guest licence and landing permission required
- <sup>3</sup> Only French Polynesia
- <sup>4</sup> Except islands of Tahiti, Mooréa in French Polynesia

### Info

Legifrance – [https://www.legifrance.gouv.fr/jo\\_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=](https://www.legifrance.gouv.fr/jo_pdf.do?numJO=0&dateJO=20130307&numTexte=72&pageDebut=&pageFin=) (current as of 2013-03-07); Autorité de Régulation des Communications Electroniques et des Postes (ARCEP) – [https://www.legifrance.gouv.fr/affichTexte.do?sessionId=517BE924C82826153E8C43316191C330.tplgfr42s\\_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809](https://www.legifrance.gouv.fr/affichTexte.do?sessionId=517BE924C82826153E8C43316191C330.tplgfr42s_2?cidTexte=JORFTEXT00041567594&dateTexte=&oldAction=rechJO&categorieLien=id&idJO=JORFCONT000041566809) (current as of 2020-02-13); Radio-Club de la Haute Île – <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2020-02)

# Germany

		CEPT			CEPT Novice		
Implementation	T/R 61-01 implemented			ECC/REC/(05)06 implemented			
Call sign	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 <sup>1</sup>	75 W <sup>1</sup>	2.7 kHz	1.850 – 1.890 MHz <sup>2</sup>	75 W <sup>2</sup>	2.7 kHz	
	1.890 – 2.000 MHz <sup>1</sup>	10 W <sup>1</sup>	2.7 kHz	1.890 – 2.000 MHz <sup>2</sup>	10 W <sup>2</sup>	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	50.030 – 51.000 MHz <sup>3 5</sup>	25 W	A1A, J3E				
4 m	70.150 – 70.200 MHz <sup>4 5</sup>	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 <sup>6</sup>	430.000 – 440.000 MHz	75 W	2 MHz <sup>6</sup>	
23 cm	1.240 – 1.300 GHz	750 W	2 MHz <sup>7</sup>				
13 cm	2.320 – 2.450 GHz	75 W	10 MHz <sup>8</sup>	2.320 – 2.450 GHz <sup>4</sup>	5 W	10 MHz <sup>8</sup>	
9 cm	3.400 – 3.475 GHz	75 W	10 MHz <sup>8</sup>				
6 cm	5.650 – 5.850 GHz	75 W	10 MHz <sup>8</sup>	5.650 – 5.850 GHz <sup>4</sup>	5 W	10 MHz <sup>8</sup>	
3 cm	10.000 – 10.500 GHz	75 W	10 MHz <sup>8</sup>	10.000 – 10.500 GHz	5 W	10 MHz <sup>8</sup>	
1.2 cm	24.000 – 24.250 GHz	75 W	10 MHz <sup>8</sup>				
6 mm	47.000 – 47.200 GHz	75 W	10 MHz <sup>8</sup>				
4 mm	75.500 – 81.500 GHz	75 W	10 MHz <sup>8</sup>				
2.5 mm	122.250 – 123.000 GHz	75 W	10 MHz <sup>8</sup>				
2 mm	134.000 – 141.000 GHz	75 W	10 MHz <sup>8</sup>				
1.2 mm	241.000 – 250.000 GHz	75 W	any				
	444.000 – 453.000 GHz		Laser <sup>9</sup>	444.000 – 453.000 GHz		Laser <sup>10</sup>	
	510.000 – 546.000 GHz		Laser <sup>9</sup>	510.000 – 546.000 GHz		Laser <sup>10</sup>	
	711.000 – 730.000 GHz		Laser <sup>9</sup>	711.000 – 730.000 GHz		Laser <sup>10</sup>	
	909.000 – 926.000 GHz		Laser <sup>9</sup>	909.000 – 926.000 GHz		Laser <sup>10</sup>	
	945.000 – 951.000 GHz		Laser <sup>9</sup>	945.000 – 951.000 GHz		Laser <sup>10</sup>	
	>956.000 GHz		Laser <sup>9</sup>	>956.000 GHz		Laser <sup>10</sup>	

## Notes

- <sup>1</sup> Contest operation on weekends only, 750 W
- <sup>2</sup> Contest operation on weekends only, 100 W
- <sup>3</sup> 50.030–50.080 MHz: no contest operation
- <sup>4</sup> Valid until 2020-12-31
- <sup>5</sup> Horizontal polarisation
- <sup>6</sup> Bandwidth 7 MHz for AM-ATV
- <sup>7</sup> Bandwidth 7 MHz for AM-ATV and D-ATV, 18 MHz for FM-ATV
- <sup>8</sup> Bandwidth 20 MHz for ATV
- <sup>9</sup> Laser classes 1, 1M, 2, 2M, 3R, 3B
- <sup>10</sup> Laser classes 1, 1M, 2, 2M

## Info

Bundesministerium der Justiz – [http://bundesrecht.juris.de/bundesrecht/afuv\\_2005/gesamt.pdf](http://bundesrecht.juris.de/bundesrecht/afuv_2005/gesamt.pdf) (current as of 2013-08-07)

# Greece

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented
<b>Call sign</b>	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 <sup>1</sup> SV3/ Pelopónnisos/Peloponnese SV4/ Thessalía/Thessaly SV5/ Dhodekánisos/Dodecanese SV6/ Ípiros/Epirus SV7/ Anatólikí Makedonía/East Macedonia, Thráki/Thrace SV8/ Ionian and Aegean Islands (except Dodecanese and Crete) SV9/ Kríti/Crete	
<b>Extensions</b>	/AM, /M, /MM, /P	
<b>Equivalent national class</b>	Class 1	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>
2200 m	135.700 – 137.800 kHz	1 W EIRP
630 m	472.000 – 479.000 kHz	1 W EIRP
160 m	1.810 – 1.850 MHz	500 W CW, SSB
80 m	3.500 – 3.600 MHz	500 W CW, MGM
	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
4 m	70.200 – 70.250 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	1.200 – 1.300 GHz	50 W any
13 cm	2.300 – 2.450 GHz	50 W any
9 cm		
6 cm		
3 cm		
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
	<b>Bandwidth/Modes<sup>2</sup></b>	

### Notes

<sup>1</sup> Operation within Mount Athos is subject to the official written permission of the local administration of the holy community.

<sup>2</sup> Modes according to the IARU Region 1 band plan

### Info

Ministry of Transport and Communication (YME) – <https://www.raag.org/LH2Uploads/ItemsContent/135/%CE%A6%CE%95%CE%9A-1969-%CE%A4%CE%95%CE%A5%CE%A7%CE%9F%CE%A3-%CE%92.pdf> (current as of 2011-09-02); <http://www.raag.org/LH2UpLoads/ItemsContent/1219/1219.pdf> (current as of 2019-03-05)

## Hungary

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		HA/			HA/		
Extensions		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
Equivalent national class		CEPT HAREC			CEPT Novice		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	any				
630 m	472.000 – 479.000 kHz	1 W EIRP	200 Hz <sup>2</sup>				
160 m	1.810 – 1.850 MHz	1500 W	any	1.810 – 1.850 MHz	200 W	any	
	1.850 – 2.000 MHz	10 W	any				
80 m	3.500 – 3.800 MHz	1500 W	any	3.500 – 3.800 MHz	200 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	200 W	any	
30 m	10.100 – 10.150 MHz	1500 W	any				
20 m	14.000 – 14.350 MHz	1500 W	any	14.000 – 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	21.000 – 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 – 52.000 MHz	10 W ERP	any				
4 m	70.000 – 70.500 MHz	10 W ERP	any				
2 m	144.000 – 146.000 MHz	1000 W	any	144.000 – 146.000 MHz	200 W	any	
70 cm	430.000 – 440.000 MHz	1000 W	any	430.000 – 438.000 MHz	100 W	any	
23 cm	1.240 – 1.300 GHz	500 W	any				
13 cm	2.300 – 2.500 GHz	150 W	any				
9 cm							
6 cm	5.600 – 5.850 GHz	75 W	any				
3 cm	10.100 – 10.500 GHz	75 W	any				
1.2 cm	24.048 – 24.250 GHz	30 W	any				
6 mm	47.000 – 47.200 GHz	30 W	any				
4 mm	76.000 – 81.500 GHz	30 W	any				
2.5 mm	122.250 – 123.000 GHz	30 W	any				
2 mm	134.000 – 141.000 GHz	30 W	any				
1.2 mm	248.000 – 250.000 GHz	30 W	any				

### Notes

<sup>1</sup> Bandwidth and modes according to IARU Region 1 band plan

<sup>2</sup> A1A, A1D, F1D only

### Info

Nemzeti Média- és Hírközlési Hatóság (NMHH) – <http://www.kozlonyok.hu/nkonline/MKPDF/hiteles/MK18074.pdf> (current as of 2018-05-29); [http://njt.hu/cgi\\_bin/njt\\_doc.cgi?docid=163445](http://njt.hu/cgi_bin/njt_doc.cgi?docid=163445) (current as of 2018-07-21); Magyar Rádióamatőr Szövetség (MRASZ) – <http://www.mrasz.org/information-for-visitors-to-hungary/frequencies-used-in-hungary> (current as of 2019-09-27)

## Iceland

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		TF/			TF/		
Extensions		/M, /P			/M, /P		
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 <sup>1</sup>	1000 W	6 kHz	1.850 – 1.900 MHz <sup>1</sup>	100 W	6 kHz	
	1.900 – 2.000 MHz	10 W	6 kHz	1.900 – 2.000 MHz	10 W	6 kHz	
	3.500 – 3.800 MHz	1000 W	6 kHz	3.500 – 3.800 MHz	100 W	6 kHz	
80 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz	
60 m	7.000 – 7.200 MHz	1000 W	6 kHz	7.000 – 7.200 MHz	100 W	6 kHz	
40 m	10.100 – 10.150 MHz	1000 W	1 kHz	10.100 – 10.150 MHz	100 W	1 kHz	
30 m	14.000 – 14.350 MHz	1000 W	6 kHz	14.000 – 14.350 MHz	100 W	6 kHz	
20 m	18.068 – 18.168 MHz	1000 W	6 kHz	18.068 – 18.168 MHz	100 W	6 kHz	
17 m	21.000 – 21.450 MHz	1000 W	6 kHz	21.000 – 21.450 MHz	100 W	6 kHz	
15 m	24.890 – 24.990 MHz	1000 W	6 kHz	24.890 – 24.990 MHz	100 W	6 kHz	
12 m	28.000 – 29.700 MHz	1000 W	18 kHz	28.000 – 29.700 MHz	100 W	18 kHz	
10 m	50.000 – 52.000 MHz	100 W	18 kHz	50.000 – 52.000 MHz	50 W	18 kHz	
6 m	70.000 – 70.250 MHz	100 W	18 kHz	70.000 – 70.250 MHz	50 W	18 kHz	
4 m	144.000 – 146.000 MHz	500 W	18 kHz	144.000 – 146.000 MHz	50 W	18 kHz	
2 m	430.000 – 440.000 MHz	500 W	30 kHz	430.000 – 440.000 MHz	50 W	30 kHz	
70 cm	1.240 – 1.300 GHz	100 W	20 MHz	1.240 – 1.300 GHz	50 W	20 MHz	
23 cm	2.300 – 2.450 GHz	100 W	20 MHz	2.300 – 2.450 GHz	50 W	20 MHz	
13 cm							
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

<sup>1</sup> Contest operation only

### Info

Reglugerðasafn – <http://www.reglugerd.is/interpro/dkm/WebGuard.nsf/key2/348-2004> (current as of 2004-04-19);  
<https://www.stjornartidindi.is/PdfVersions.aspx?recordId=4c471ff1-b497-433e-9295-cba56455db09> (current as of 2018-01-15)

## Ireland

		CEPT	CEPT Novice
<b>Implementation</b>		T/R 61-01 implemented	ECC/REC/(05)06 not implemented, but guest licence available <sup>1</sup>
<b>Call sign</b>		EI/	
<b>Extensions</b>		/M, /MM	
<b>Equivalent national class</b>		CEPT Class 1 with CW, CEPT Class 2 without CW	
Band	Frequency Range	Power (PEP) <sup>2</sup>	Bandwidth/Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	3
630 m	472.000 – 479.000 kHz	5 W ERP	3
160 m	1.810 – 1.850 MHz	400 W	4
	1.850 – 2.000 MHz	10 W	4
80 m	3.500 – 3.800 MHz	400 W	5
60 m	5.3515 – 5.3665 MHz	15 W	6
40 m	7.000 – 7.200 MHz	400 W	5
30 m	10.100 – 10.130 MHz	400 W	7
	10.130 – 10.150 MHz	400 W	8
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	5
8 m	30.000 – 49.000 MHz	50 W	9
6 m	50.000 – 52.000 MHz	100 W	5
4 m	54.000 – 69.900 MHz	50 W	10
	69.900 – 70.500 MHz	50 W <sup>11</sup>	5
2 m	144.000 – 146.000 MHz	400 W	5
70 cm	430.000 – 432.000 MHz	50 W	5
	432.000 – 440.000 MHz	400 W	5
23 cm	1.240 – 1.300 GHz	158 W	5
13 cm	2.300 – 2.400 GHz	158 W	5
9 cm			
6 cm	5.570 – 5.850 GHz	158 W	5
3 cm	10.000 – 10.500 GHz	158 W	5
1.2 cm	24.000 – 24.050 GHz	50 W	4
6 mm	47.000 – 47.200 GHz	50 W	4
4 mm			
2.5 mm			
2 mm			
1.2 mm			

### Notes

- <sup>1</sup> Application via <https://www.elicensing.comreg.ie>, although ComReg does not recognise novice or intermediate licences as being suitable qualifications for the purpose of being granted a Visitors Temporary Licence.
- <sup>2</sup> Maximum power during maritime mobile operation: 10 W
- <sup>3</sup> A1A, J3E, G1B
- <sup>4</sup> A1A, A2A, A3E, R3E, H3E, J3E, F1B, F2B, F3E, G1B
- <sup>5</sup> A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F1B, F2B, F3E, G1B
- <sup>6</sup> A1A, A2A, A3E, R3E, H3E, J3E, F1B, F2B, F3E
- <sup>7</sup> A1A
- <sup>8</sup> A2A, J2B, J2F, F1B, F2B, G1B
- <sup>9</sup> A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F2B, F3E, G1B
- <sup>10</sup> A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F2B, F3E, F2D, G1B, X7F
- <sup>11</sup> 70.125–70.450 MHz: maximum power during mobile operation 25 W

### Info

Commission for Communications Regulation (ComReg) – <https://www.comreg.ie/publication-download/amateur-station-licence-guidelines> (current as of 2018-04-16)

## Israel

Implementation	CEPT	CEPT Novice	
Implementation	T/R 61-01 implemented	ECC/REC/(05)06 not implemented, but guest licence available <sup>1</sup>	
Call sign	4X/		
Extensions			
Equivalent national class	General		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m			
630 m			
160 m	1.810 – 1.850 MHz	250 W	any <sup>2</sup>
	1.850 – 2.000 MHz	40 W	any <sup>3</sup>
80 m	3.500 – 3.800 MHz	250 W	any <sup>2</sup>
60 m			
40 m	7.000 – 7.200 MHz	250 W	any <sup>2</sup>
30 m	10.100 – 10.150 MHz	250 W	any <sup>4</sup>
20 m	14.000 – 14.350 MHz	250 W	any <sup>2</sup>
17 m	18.068 – 18.168 MHz	250 W	any <sup>4</sup>
15 m	21.000 – 21.450 MHz	250 W	any <sup>2</sup>
12 m	24.890 – 24.990 MHz	250 W	any <sup>4</sup>
10 m	28.000 – 29.700 MHz	250 W	any <sup>2</sup>
6 m	50.000 – 50.200 MHz	25 W	any <sup>2</sup>
4 m			
2 m	144.000 – 146.000 MHz	150 W <sup>5</sup>	any <sup>2</sup>
70 cm	430.000 – 440.000 MHz	150 W <sup>5</sup>	any
23 cm	1.240 – 1.300 GHz	25 W <sup>6</sup>	any
13 cm	2.300 – 2.400 GHz	15 W	any
	2.400 – 2.450 GHz	1 mW EIRP <sup>7</sup>	any
9 cm	3.400 – 3.475 GHz	10 W	any
6 cm	5.650 – 5.725 GHz	15 W <sup>8</sup>	any
	5.725 – 5.850 GHz	1 mW EIRP	any
3 cm	10.200 – 10.500 GHz	15 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	75.500 – 76.000 GHz	15 W	any
2.5 mm			
2 mm	142.000 – 144.000 GHz	15 W	any
1.2 mm	248.000 – 250.000 GHz	15 W	any

### Notes

- <sup>1</sup> Guest licence via [https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur\\_Reciprocal-Amateur-Radio-License.docx](https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur_Reciprocal-Amateur-Radio-License.docx)
- <sup>2</sup> Any mode except ATV, SSTV
- <sup>3</sup> CW, SSB, RTTY only
- <sup>4</sup> CW, RTTY only
- <sup>5</sup> Maximum power for FM 100 W
- <sup>6</sup> Maximum power for satellite operation 1.260 – 1.270 GHz 100 W
- <sup>7</sup> Maximum power for satellite operation 2.400 – 2.402 GHz 100 W
- <sup>8</sup> Maximum power for satellite operation 5.650 – 5.670 GHz 25 W

### Info

Ministry of Communications – Table of Frequencies and Conditions for Use by Radio Amateurs (current as of 1999-10-01); Israel Amateur Radio Club (IARC) – <https://www.iarc.org/iarc/#Bandplan> (current as of 2019-01-28)



# Italy

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented
<b>Call sign</b>	<p>I/</p> <p>Optional digit or letter/digit combination designating the region:</p> <p>I1/ Liguria, Piemonte/Piedmont</p> <p>IX1/ Valle d'Aosta/Aosta Valley</p> <p>I2/ Lombardia/Lombardy</p> <p>I3/ Friuli Venezia Giulia</p> <p>IN3/ Trentino-Alto Adige</p> <p>IV3/ Venezia Euganea</p> <p>I4/ Emilia-Romagna</p> <p>I5/ Toscana/Tuscany</p> <p>I6/ Abruzzo, Marche</p> <p>I7/ Basilicata (province of Matera), Puglia/Apulia</p> <p>I8/ Basilicata (province of Potenza), Calabria, Campania, Molise</p> <p>IT9/ Sicilia/Sicily</p> <p>IØ/ Lazio, Umbria</p> <p>ISØ/ Sardegna/Sardinia</p> <p>Tolerated letter/digit combination designating an island:</p> <p>IA5/ Isole Toscane/Tuscan Archipelago</p> <p>IJ7/ Arcipelago delle Cheradi/Cheradi Islands</p> <p>IL7/ Isole Tremiti/Trimiti Island</p> <p>IC8/ Isole Napoletane/Islands of Naples Bay</p> <p>ID9/ Isole Eolie/Aeolian Islands</p> <p>IE9/ Isola di Ustica/Ustica Island</p> <p>IF9/ Isole Egadi/Aegadian Islands</p> <p>IG9/ Isole Pelagie/Pelagie Islands</p> <p>IH9/ Isola di Pantelleria/Pantelleria Island</p> <p>IBØ/ Isole Ponziane/Pontine Islands</p> <p>IMØ/ Isole della Sardegna/Islands of Sardinia</p>	
<b>Extensions</b>	/M, /P	
<b>Equivalent national class</b>	Class A	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>
2200 m	135.700 – 137.800 kHz	1 W ERP
630 m	472.000 – 479.000 kHz	1 W ERP
160 m	1.830 – 1.850 MHz	500 W
80 m	3.500 – 3.800 MHz	500 W
60 m	5.3515 – 5.3665 MHz	15 W EIRP
40 m	7.000 – 7.200 MHz	500 W
30 m	10.100 – 10.150 MHz	500 W
20 m	14.000 – 14.350 MHz	500 W
17 m	18.068 – 18.168 MHz	500 W
15 m	21.000 – 21.450 MHz	500 W
12 m	24.890 – 24.990 MHz	500 W
10 m	28.000 – 29.700 MHz	500 W
6 m	50.000 – 52.000 MHz	500 W
4 m		
2 m	144.000 – 146.000 MHz	500 W
70 cm	430.000 – 434.000 MHz	500 W
	435.000 – 438.000 MHz	500 W
23 cm	1.240 – 1.245 GHz	500 W
	1.260 – 1.298 GHz	500 W
13 cm	2.300 – 2.450 GHz	500 W
9 cm		
6 cm	5.650 – 5.670 GHz	500 W
	5.760 – 5.770 GHz	500 W
	5.830 – 5.850 GHz	500 W
3 cm	10.300 – 10.500 GHz	500 W
1.2 cm	24.000 – 24.050 GHz	500 W
6 mm	47.000 – 47.200 GHz	500 W
4 mm	76.000 – 77.501 GHz	500 W
	78.000 – 81.000 GHz	500 W
2.5 mm	122.500 – 123.000 GHz	500 W
2 mm	134.000 – 134.001 GHz	500 W
	136.000 – 141.000 GHz	500 W
1.2 mm	241.000 – 250.000 GHz	500 W

## Notes

<sup>1</sup> Modes CW, SSB, digital

**Info**

Associazione Radioamatori Italiani (ARI) – [www.ari.it/images/stories/home/PNRF.zip](http://www.ari.it/images/stories/home/PNRF.zip) (current as of 2018-07-27);

<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](http://www.ari.it/index.php?option=com_content&view=article&id=120&Itemid=180&lang=it) (current as of 2019-01-29)



## Latvia

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		YL/			YL/		
<b>Extensions</b>		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
<b>Equivalent national class</b>		Class A			Class B		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
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	CW	
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 <sup>1</sup>	any	144.000 – 146.000 MHz	50 W	any	
70 cm	430.000 – 440.000 MHz	100 W <sup>2</sup>	any	430.000 – 440.000 MHz	20 W	any	
23 cm	1.240 – 1.300 GHz	100 W <sup>3</sup>	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

- <sup>1</sup> 144.000–144.400 MHz: 1000 W for CW, SSB, MGM during EME, MS and international contest operation
- <sup>2</sup> 432.000–432.400 MHz: 1000 W for CW, SSB, MGM during EME, MS and international contest operation
- <sup>3</sup> 1.296–1.2964 GHz: 300 W for CW, SSB, MGM during EME, MS and international contest operation

### Info

Satiksmes ministrija – <https://www.vestnesis.lv/op/2016/155.3> (current as of 2016-08-12)

## Liechtenstein

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		HBØ/			HBØY/		
<b>Extensions</b>		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
<b>Equivalent national class</b>		CEPT concession			Class 3 concession		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	
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							
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	1.260 – 1.300 GHz	1000 W	any				
13 cm	2.308 – 2.312 GHz	100 W	any				
9 cm							
6 cm	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

<sup>1</sup> Modes according to the IARU Region 1 band plan

### 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](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)

## Lithuania

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		LY/			LY/		
Extensions		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
Equivalent national class		Category A			Category B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz				
630 m	1.810 – 1.838 MHz	1000 W	200 Hz				
160 m	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	70.240 – 70.250 MHz	22 W EIRP	any <sup>2</sup>				
2 m	144.000 – 146.000 MHz	250 W <sup>3</sup>	any	144.000 – 146.000 MHz	50 W	any	
70 cm	430.000 – 440.000 MHz	250 W <sup>4</sup>	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 – 10.500 GHz	25 W	any	10.000 – 10.500 GHz	5 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

- <sup>1</sup> Modes according to the IARU Region 1 band plan
- <sup>2</sup> CW 500 Hz, SSB 3 kHz
- <sup>3</sup> 144.000 – 144.160 MHz: 1000 W for EME operation
- <sup>4</sup> 432.000 – 432.050 MHz: 1000 W for EME operation

### Info

Ryšų reguliavimo tarnyba (RRT) – <https://e-seimas.lrs.lt/rs/legalact/TAD/e00a4360b17011e486d695b7d843f736/> (current as of 2015-02-10); <https://www.e-tar.lt/rs/legalact/dbdb0ec03f5411e9aeacc8204ccfc06d/> (current as of 2019-03-05)

## Luxembourg

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		LX/			LX6/		
Extensions		/M, /P			/M, /P		
Equivalent national class		HAREC			Novice		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	
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	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	
	3.500 – 3.800 MHz	100 W	any	3.500 – 3.800 MHz	100 W	any	
80 m	5.3515 – 5.3665 MHz	15 W ERP	any				
60 m	7.000 – 7.200 MHz	100 W	any				
40 m	10.100 – 10.150 MHz	100 W	any				
30 m	14.000 – 14.350 MHz	100 W	any				
20 m	18.068 – 18.168 MHz	100 W	any				
17 m	21.000 – 21.450 MHz	100 W	any	21.000 – 21.450 MHz	100 W	any	
15 m	24.890 – 24.990 MHz	100 W	any				
12 m	28.000 – 29.700 MHz	100 W	any	28.000 – 29.700 MHz	100 W	any	
10 m	50.000 – 52.000 MHz	100 W	any	50.000 – 52.000 MHz	100 W	any	
6 m	70.150 – 70.250 MHz	10 W ERP	any	70.150 – 70.250 MHz	10 W ERP	any	
4 m	144.000 – 146.000 MHz	100 W	any	144.000 – 146.000 MHz	100 W	any	
2 m	430.000 – 440.000 MHz	100 W	any	430.000 – 440.000 MHz	100 W	any	
70 cm	1.240 – 1.300 GHz	100 W	any	1.240 – 1.300 GHz	100 W	any	
23 cm	2.300 – 2.450 GHz	100 W	any	2.300 – 2.450 GHz	100 W	any	
13 cm	3.400 – 3.410 GHz	100 W	any	3.400 – 3.410 GHz	100 W	any	
9 cm	5.650 – 5.850 GHz	100 W	any	5.650 – 5.850 GHz	100 W	any	
6 cm	10.000 – 10.500 GHz	100 W	any	10.000 – 10.500 GHz	100 W	any	
3 cm	24.000 – 24.250 GHz	100 W	any	24.000 – 24.250 GHz	100 W	any	
1.2 cm	47.000 – 47.200 GHz	100 W	any	47.000 – 47.200 GHz	100 W	any	
6 mm	75.500 – 81.000 GHz	100 W	any	75.500 – 81.000 GHz	100 W	any	
4 mm							
2.5 mm							
2 mm	134.000 – 141.000 GHz	100 W	any	134.000 – 141.000 GHz	100 W	any	
	142.000 – 149.000 GHz	100 W	any	142.000 – 149.000 GHz	100 W	any	
1.2 mm	241.000 – 250.000 GHz	100 W	any	241.000 – 250.000 GHz	100 W	any	

### Notes

<sup>1</sup> Modes according to the IARU Region 1 band plan

### Info

Institut Luxembourgeois de Régulation (ILR) – <https://assets.ilr.lu/frequences/Documents/ILRLU-1723895916-177.pdf> (current as of 2014-09-16)

## Moldova

		CEPT			CEPT Novice		
Implementation	T/R 61-01 implemented			ECC/REC/(05)06 implemented			
Call sign	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 <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/Modes <sup>1</sup>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	any	135.700 – 137.800 kHz	1 W EIRP	any	
630 m	472.000 – 479.000 kHz	1 W EIRP	any	472.000 – 479.000 kHz	1 W EIRP	any	
160 m	1.810 – 2.000 MHz	5 W	any	1.850 – 2.000 MHz	5 W	any	
80 m	3.580 – 3.800 MHz	100 W	any	3.580 – 3.800 MHz	25 W	any	
60 m							
40 m	7.035 – 7.200 MHz	100 W	any	7.035 – 7.200 MHz	25 W	any	
30 m	10.140 – 10.150 MHz	100 W	any				
20 m	14.070 – 14.350 MHz	100 W	any				
17 m	18.100 – 18.168 MHz	100 W	any				
15 m	21.080 – 21.120 MHz	100 W	any				
	21.150 – 21.450 MHz	100 W	any				
12 m	24.920 – 24.990 MHz	100 W	any				
10 m	28.070 – 28.150 MHz	100 W	any	28.070 – 28.150 MHz	25 W	any	
	28.225 – 29.700 MHz	100 W	any	28.225 – 29.700 MHz	25 W	any	
6 m							
4 m							
2 m	144.000 – 146.000 MHz	100 W	any	144.000 – 144.035 MHz	25 W	any	
				144.100 – 144.400 MHz	25 W	any	
				144.500 – 146.000 MHz	25 W	any	
70 cm	430.000 – 440.000 MHz	5 W	any	430.000 – 432.000 MHz	5 W	any	
				432.150 – 432.800 MHz	5 W	any	
				432.990 – 440.000 MHz	5 W	any	
23 cm	1.240 – 1.300 GHz	10 W	any				
13 cm	2.300 – 2.450 GHz	10 W	any				
9 cm							
6 cm	5.650 – 5.850 GHz	10 W	any				
3 cm	10.000 – 10.500 GHz	10 W	any				
1.2 cm	24.050 – 24.250 GHz	10 W	any				
6 mm	47.000 – 47.200 GHz	10 W	any	47.000 – 47.200 GHz	5 W	any	
4 mm	76.000 – 78.000 GHz	10 W	any	77.500 – 78.000 GHz	5 W	any	
	78.000 – 81.000 GHz	1 W	any				
2.5 mm							
2 mm	134.000 – 141.000 GHz	10 W	any				
1.2 mm	241.000 – 248.000 GHz	10 W	any	248.000 – 250.000 GHz	5 W	any	

### Notes

<sup>1</sup> Modes according to the IARU Region 1 band plan

### Info

Asociația Radioamateurs Moldova (ARM) –

[http://www.arm.md/Doc/Regulamentul\\_radiocomunicatii\\_serviciul\\_amator\\_R.Moldova\\_RO.pdf](http://www.arm.md/Doc/Regulamentul_radiocomunicatii_serviciul_amator_R.Moldova_RO.pdf) (current as of 2013-03-29)

## Monaco

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented <sup>1</sup>	ECC/REC/(05)06 not implemented
<b>Call sign</b>	3A/	
<b>Extensions</b>		
<b>Equivalent national class</b>	Général	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b> <b>Bandwidth/Modes<sup>2</sup></b>
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		
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

- <sup>1</sup> 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
- <sup>2</sup> Modes according to the IARU Region 1 band plan

### Info

Association des Radioamateurs de Monaco (ARM) – <http://www.arm.mc/page22.html> (current as of 2019-03-06)



## Montenegro

		CEPT			CEPT Novice		
Implementation	T/R 61-01 implemented			ECC/REC/(05)06 implemented			
Call sign	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 <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW				
630 m	472.000 – 479.000 kHz	20 W ERP	CW				
160 m	1.810 – 2.000 MHz	300 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 – 18.095 MHz	300 W	any				
	18.095 – 18.109 MHz	1500 W	any				
	18.109 – 18.168 MHz	300 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	300 W	any				
10 m	28.000 – 29.700 MHz	1500 W	any	28.000 – 28.150 MHz	100 W	any	
				28.225 – 29.300 MHz	100 W	any	
				29.520 – 29.700 MHz	100 W	any	
6 m	50.000 – 52.000 MHz	100 W	any	50.000 – 52.000 MHz	25 W	any	
4 m	69.900 – 70.500 MHz	100 W	any	69.900 – 70.500 MHz	25 W	any	
2 m	144.000 – 144.499 MHz	1500 W	any	144.000 – 144.499 MHz	25 W	any	
	144.499 – 144.794 MHz	300 W	any	144.499 – 144.794 MHz	25 W	any	
	144.794 – 146.000 MHz	50 W	any	144.794 – 146.000 MHz	25 W	any	
70 cm	430.000 – 432.500 MHz	1500 W	any	430.000 – 432.500 MHz	25 W	any	
	432.500 – 433.600 MHz	50 W	any	432.500 – 433.600 MHz	25 W	any	
	433.600 – 434.000 MHz	300 W	any	433.600 – 434.000 MHz	25 W	any	
	434.000 – 440.000 MHz	50 W	any	434.000 – 440.000 MHz	25 W	any	
23 cm	1.240 – 1.260 GHz	300 W	any				
	1.260 – 1.270 GHz	50 W	any				
	1.270 – 1.290994 GHz	300 W	any				
	1.290994 – 1.291494 GHz	50 W	any				
	1.291494 – 1.296994 GHz	300 W	any				
	1.296994 – 1.298 GHz	50 W	any				
	1.298 – 1.300 GHz	300 W	any				
13 cm	2.300 – 2.321 GHz	300 W	any				
	2.321 – 2.322 GHz	50 W	any				
	2.322 – 2.400 GHz	300 W	any				
	2.400 – 2.450 GHz	50 W	any				
9 cm	3.400 – 3.410 GHz	50 W	any				
6 cm	5.650 – 5.670 GHz	50 W	any				
	5.670 – 5.850 GHz	300 W	any				
3 cm	10.000 – 10.450 GHz	300 W	any				
	10.450 – 10.500 GHz	50 W	any				
1.2 cm	24.000 – 24.048 GHz	50 W	any				
	24.048 – 24.250 GHz	300 W	any				
6 mm	47.000 – 47.200 GHz	50 W	any				
	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	any				
	77.501 – 81.500 GHz	300 W	any				
2.5 mm	122.250 – 123.000 GHz	300 W	any				
2 mm	134.000 – 134.001 GHz	50 W	any				
	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	any				
	248.001 – 250.000 GHz	300 W	any				

### Notes

<sup>1</sup> Modes according to the IARU Region 1 band plan

### Info

Crna Gora Agencija za elektronske komunikacije i poštansku djelatnost –

<http://www.ekip.me/download/plan%20raspodjele/Plan%20raspodjele%20radio-frekvencija%20namijenjenih%20radioamaterskoj%20sluzbi%2025-2012.pdf> (current as of 2012-04-11);

[http://www.ekip.me/download/korisćenjeRF/Pravilnik\\_o\\_radioamaterskim\\_komunikacijama%2023-2014.pdf](http://www.ekip.me/download/korisćenjeRF/Pravilnik_o_radioamaterskim_komunikacijama%2023-2014.pdf) (current as of 2014-06-15);



# Netherlands

## Netherlands, Caribbean Netherlands (Bonaire, Sint Eustatius, Saba)

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	PA/ Nederland/Netherlands PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba	/M, /P	Class F	PD/ Nederland/Netherlands PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba	/M, /P	Class N
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	400 W	CW			
630 m	472.000 – 479.000 kHz	100 W	CW			
160 m	1.800 – 1.880 MHz	150 W	any			
80 m	3.500 – 3.800 MHz	400 W	any			
60 m	5.3515 – 5.3665 MHz	15 W EIRP <sup>2</sup>	any			
40 m	7.000 – 7.200 MHz	400 W	any	7.050 – 7.100 MHz	25 W	any
30 m	10.100 – 10.140 MHz	400 W	CW			
	10.140 – 10.150 MHz	400 W	500 Hz <sup>3</sup>			
20 m	14.000 – 14.350 MHz	400 W	any	14.000 – 14.250 MHz	25 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	25 W	any
6 m	50.000 – 50.450 MHz	30 W <sup>4</sup>	any			
4 m	70.000 – 70.500 MHz	400 W	any			
2 m	144.000 – 146.000 MHz	150 W	any	144.000 – 146.000 MHz	25 W	any
70 cm	430.000 – 440.000 MHz	150 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	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

- <sup>1</sup> A1A, F1A, G1A, J2A only
- <sup>2</sup> 25 W EIRP in Caribbean Netherlands
- <sup>3</sup> CW, digital only
- <sup>4</sup> 120 W for CW, SSB

### Info

Overheid van Nederland – <https://wetten.overheid.nl/BWBR0036375/2019-07-01> (current as of 2019-07-01)

## Netherlands – Aruba

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	T/R 61-01 implemented	P4/	Class A			
630 m		/M, /P				
160 m						
80 m				1.800 – 1.850 MHz	100 W	6 kHz <sup>1</sup>
60 m				1.950 – 2.000 MHz	100 W	6 kHz <sup>1</sup>
40 m				3.500 – 4.000 MHz	150 W	6 kHz <sup>2</sup>
30 m						
20 m				7.000 – 7.300 MHz	150 W	6 kHz <sup>2</sup>
17 m						
15 m				14.000 – 14.350 MHz	150 W	6 kHz <sup>2</sup>
12 m						
10 m				21.000 – 21.450 MHz	150 W	6 kHz <sup>2</sup>
6 m				28.000 – 29.700 MHz	150 W	6 kHz <sup>2</sup>
4 m				50.000 – 54.000 MHz	150 W	6/12 kHz <sup>3</sup>
2 m						
1.25 m				144.000 – 148.000 MHz	150 W	6/12 kHz <sup>3</sup>
70 cm				220.000 – 225.000 MHz	150 W	6/12 kHz <sup>3</sup>
23 cm				420.000 – 440.000 MHz	150 W	6/12 kHz <sup>3</sup>
13 cm				1.215 – 1.300 GHz	150 W	6/12 kHz <sup>3</sup>
9 cm				2.300 – 2.450 GHz	150 W	6/12 kHz <sup>3</sup>
6 cm				3.300 – 3.400 GHz	150 W	6/12 kHz <sup>3</sup>
3 cm				5.650 – 5.925 GHz	150 W	6/12 kHz <sup>3</sup>
1.2 cm				10.000 – 10.500 GHz	150 W	6/12 kHz <sup>3</sup>
6 mm						
4 mm						
2.5 mm						
2 mm						
1.2 mm						
				50.000 – 54.000 MHz	25 W	SSB, FM
				144.000 – 148.000 MHz	25 W	SSB, FM
				220.000 – 225.000 MHz	25 W	SSB, FM
				420.000 – 440.000 MHz	25 W	SSB, FM
				1.215 – 1.300 GHz	25 W	SSB, FM
				2.300 – 2.450 GHz	25 W	SSB, FM
				3.300 – 3.400 GHz	25 W	SSB, FM
				5.650 – 5.925 GHz	25 W	SSB, FM
				10.000 – 10.500 GHz	25 W	SSB, FM

### Notes

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

### Info

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

CEPT		CEPT Novice				
<b>Implementation</b>	T/R 61-01 implemented	<b>ECC/REC/((05)06 implemented</b>				
<b>Call sign</b>	PJ2/	PJ2/				
<b>Extensions</b>	/M, /P	/M, /P				
<b>Equivalent national class</b>	Class F	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

- <sup>1</sup> A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E
- <sup>2</sup> A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E
- <sup>3</sup> A1A, J3E, F3E
- <sup>4</sup> 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
- <sup>5</sup> A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F
- <sup>6</sup> 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
- <sup>7</sup> 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
- <sup>8</sup> F2B, G2B
- <sup>9</sup> F3E, G3E
- <sup>10</sup> F2B, G2B, F3E, G3E

### Info

Overheid van Nederland – [https://btnp.org/wp-content/uploads/2019/06/20160204\\_btp001\\_dd\\_form\\_07\\_radio\\_amateurs\\_bl\\_nl.pdf](https://btnp.org/wp-content/uploads/2019/06/20160204_btp001_dd_form_07_radio_amateurs_bl_nl.pdf) (current as of 2016-01-12); [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](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 2017-01-23)

## Netherlands – Sint Maarten

		CEPT			CEPT Novice		
Implementation	T/R 61-01 implemented				ECC/REC/(05)06 implemented		
Call sign	PJ7/				PJ7/		
Extensions	/M, /P				/M, /P		
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

- <sup>1</sup> A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E
- <sup>2</sup> A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E
- <sup>3</sup> A1A, F1B
- <sup>4</sup> 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
- <sup>5</sup> A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F
- <sup>6</sup> 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
- <sup>7</sup> 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
- <sup>8</sup> F2B, G2B
- <sup>9</sup> F3E, G3E
- <sup>10</sup> F2B, G2B, F3E, G3E

### Info

Bureau Telecommunicatie en Post –

[https://www.sxmregulator.sx/dash/files/Telecommunications/Laws/10t98467037577\\_\\_\\_TGFuZHNiZXNsdlWl0lHhZGlvLWFtYXRldXJzICl0bWUyMDEzL0BHVCBub3R5MzZ0KQ==b\\_64.pdf](https://www.sxmregulator.sx/dash/files/Telecommunications/Laws/10t98467037577___TGFuZHNiZXNsdlWl0lHhZGlvLWFtYXRldXJzICl0bWUyMDEzL0BHVCBub3R5MzZ0KQ==b_64.pdf) (current as of 2018-08-13); Overheid van Nederland – [http://decentrale.regelgeving.overheid.nl/cvdr/xhtmloutput/historie/Sint Maarten/143162/143162\\_1.html](http://decentrale.regelgeving.overheid.nl/cvdr/xhtmloutput/historie/Sint%20Maarten/143162/143162_1.html) (current as of 2018-10-12)

## New Zealand

Implementation	CEPT	CEPT Novice	
Call sign	T/R 61-01 implemented ZL/ Optional digit designating islands: ZL7/ Chatham Island ZL8/ Kermadec Islands <sup>1</sup> ZL9/ Subantarctic Islands <sup>1</sup> (Antipodes Islands, Auckland Islands, Bounty Islands, Campbell Island, Snares Islands <sup>2</sup> )	ECC/REC/(05)06 not implemented	
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			
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

- <sup>1</sup> Landing permission by the New Zealand Department of Conservation required
- <sup>2</sup> The Snares Islands do not count for the DXCC entity New Zealand Subantarctic Islands.(ZL9)

### Info

Radio Spectrum Management (RSM) – <https://www.rsm.govt.nz/assets/Uploads/pdfs/gazette/c9cc2398c0/amateur-radio-operators-gurl-2017.pdf> (current as of 2017-05-18)

## North Macedonia

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented
<b>Call sign</b>	Z38/	
<b>Extensions</b>		
<b>Equivalent national class</b>	Class A	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP) Bandwidth/Modes<sup>1</sup></b>
2200 m	135.700 – 137.800 kHz	1 W any
630 m		
160 m	1.810 – 1.850 MHz	1000 W any
80 m	3.500 – 3.800 MHz	1500 W any
60 m		
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 – 29.700 MHz	1500 W any
6 m	50.000 – 52.000 MHz	1000 W any
4 m	70.000 – 70.500 MHz	1500 W any
2 m	144.000 – 145.000 MHz	1000 W any
	145.000 – 146.000 MHz	50 W any
70 cm	432.000 – 433.000 MHz	1000 W any
	433.000 – 433.600 MHz	50 W any
	433.600 – 435.000 MHz	1000 W any
	435.000 – 438.000 MHz	50 W any
23 cm	1.240 – 1.256 GHz	100 W any
	1.256 – 1.2909875 GHz	75 W any
	1.2909875 – 1.2914875 GHz	50 W any
	1.2914875 – 1.300 GHz	75 W any
13 cm	2.300 – 2.450 GHz	75 W any
9 cm		
6 cm	5.650 – 5.850 GHz	30 W any
3 cm	10.000 – 10.500 GHz	30 W any
1.2 cm	24.000 – 24.250 GHz	50 W any
6 mm	47.000 – 47.900 GHz	50 W any
4 mm	76.000 – 81.000 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

<sup>1</sup> Modes according to the IARU Region 1 band plan

### Info

Agency for Electronic Communications (AEK) – <http://www.z37rsm.org.mk/uploads/Pravilnik.PDF> (current as of 2016-11-10)



## Norway

		CEPT			CEPT Novice		
<b>Implementation<sup>1</sup></b>		T/R 61-01 implemented			ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted		
<b>Call sign</b>		LA/ Norge/Norway			LA/ Norge/Norway		
		JW/ Svalbard			JW/ Svalbard		
<b>Extensions</b>							
<b>Equivalent national class</b>		Radioamatørlisens					
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>2</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>2</sup></b>	
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	6 kHz	5.260 – 5.410 MHz	100 W	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 <sup>4</sup>	1000 W	18 kHz	50.000 – 52.000 MHz <sup>4</sup>	1000 W	18 kHz	
4 m	69.900 – 70.500 MHz	100 W <sup>5</sup>	16 kHz	69.900 – 70.500 MHz	100 W <sup>5</sup>	16 kHz	
2 m	144.000 – 146.000 MHz	300 W <sup>5</sup>	18 kHz	144.000 – 146.000 MHz	300 W <sup>5</sup>	18 kHz	
70 cm	432.000 – 438.000 MHz	300 W <sup>5</sup>	30 kHz	432.000 – 438.000 MHz	300 W <sup>5</sup>	30 kHz	
23 cm	1.240 – 1.300 GHz	100 W <sup>5</sup>	20 MHz	1.240 – 1.300 GHz	100 W <sup>5</sup>	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

- <sup>1</sup> Guest licence and landing permission required for Bjørnøya/Bear Island (JW), Jan Mayen (JX) and Antarctica (3Y)
- <sup>2</sup> Modes according to the IARU Region 1 band plan
- <sup>3</sup> 100 W PEP or 1 W EIRP, whatever limit is reached first
- <sup>4</sup> Only in Norway (LA)
- <sup>5</sup> 1000 W for EME and Meteor Scatter operation

### Info

Nasjonal kommunikasjonsmyndighet – <https://lovdata.no/dokument/LTI/forskrift/2018-07-12-1220> (current as of 2018-08-08)

## Peru

	CEPT	CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>	OA1/ Lambayeque, Piura, 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		
<b>Extensions</b>	/M, /P		
<b>Equivalent national class</b>	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 – 225.000 MHz	1000 W	any
70 cm	430.000 – 440.000 MHz	1000 W	any
33 cm	915.000 – 928.000 MHz	1000 W	any
23 cm	1.240 – 1.300 GHz	1000 W	any
13 cm	2.400 – 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			

### Info

Ministerio de Transportes y Comunicaciones (MTC) – <https://m.actualidadempresarial.pe/norma/decreto-supremo-024-2019-mtc/cc0ecfae-27b6-46f3-8d6f-4e70423424d3> (current as of 2019-07-16)

## Poland

	CEPT			CEPT Novice		
Implementation	T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign	SP/			SO/		
Extensions						
Equivalent national class	Class 1			Class 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 <sup>1</sup>	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

<sup>1</sup> 500 W for FM

### Info

Urząd Komunikacji Elektronicznej (UKE) – <https://bip.uke.gov.pl/jak-uzyskac-rezerwacje--pozwolenie--zezwozenie-tresc/pozwolenia-amatorskie,6.html> (current as of 2018-02-23);  
[https://bip.uke.gov.pl/download/gfx/bip/pl/defaultaktualnosci/125/6/2/zakresy\\_amatorskie.pdf](https://bip.uke.gov.pl/download/gfx/bip/pl/defaultaktualnosci/125/6/2/zakresy_amatorskie.pdf) (current as of 2018-09-25)

## Portugal

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		CT7/ Portugal CT8/ Açores/Azores CT9/ Madeira			CS7/ Portugal CS8/ Açores/Azores CS9/ Madeira		
Extensions							
Equivalent national class		Class 1/A			Class 2		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	
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 <sup>2</sup>	1500 W	any				
80 m	3.500 – 3.800 MHz	1500 W	any	3.700 – 3.800 MHz	200 W	any	
60 m							
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	300 W	any	51.000 – 52.000 MHz	150 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 EIRP	any	144.000 – 146.000 MHz	150 W	any	
70 cm	430.000 – 440.000 MHz	300 W EIRP	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	300 W EIRP	any	1.270 – 1.300 GHz	100 W EIRP	any	
13 cm							
9 cm							
6 cm							
3 cm	10.000 – 10.370 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

<sup>1</sup> Modes according to the IARU-Region 1 band plan

<sup>2</sup> Contest operation only

### Info

Autoridade Nacional de Comunicações (ANACOM) – <http://www.anacom.pt/render.jsp?contentId=956876> (current as of 2009-03-02);

<http://www.anacom.pt/render.jsp?contentId=981755> (current as of 2009-09-28);

[http://www.anacom.pt/streaming/Adenda\\_2013\\_QNAF.pdf?contentId=1172857&field=ATTACHED\\_FILE](http://www.anacom.pt/streaming/Adenda_2013_QNAF.pdf?contentId=1172857&field=ATTACHED_FILE) (current as of 2013-09-06);

<http://www.anacom.pt/render.jsp?contentId=940079> (current as of 2014-01-10)

## Romania

		CEPT			CEPT Novice		
Implementation		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign		YO/			YO/		
Extensions		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
Equivalent national class		Class 2			Class 3		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	any	135.700 – 137.800 kHz	1 W EIRP	any	
630 m							
160 m	1.810 – 2.000 MHz	200 W	any	1.810 – 2.000 MHz	100 W	any	
80 m	3.500 – 3.800 MHz	200 W	any	3.500 – 3.800 MHz	100 W	any	
60 m							
40 m	7.000 – 7.200 MHz	200 W	any	7.000 – 7.200 MHz	100 W	any	
30 m	10.100 – 10.150 MHz	200 W	any	10.100 – 10.150 MHz	100 W	any	
20 m	14.000 – 14.350 MHz	200 W	any	14.000 – 14.350 MHz	100 W	any	
17 m	18.068 – 18.168 MHz	200 W	any	18.068 – 18.168 MHz	100 W	any	
15 m	21.000 – 21.450 MHz	200 W	any	21.000 – 21.450 MHz	100 W	any	
12 m	24.890 – 24.990 MHz	200 W	any	24.890 – 24.990 MHz	100 W	any	
10 m	28.000 – 29.700 MHz	200 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	70.000 – 70.300 MHz	20 W	any	70.000 – 70.300 MHz	20 W	any	
2 m	144.000 – 146.000 MHz	200 W	any	144.000 – 146.000 MHz	100 W	any	
70 cm	430.000 – 440.000 MHz	100 W	any	430.000 – 440.000 MHz	50 W	any	
23 cm	1.240 – 1.300 GHz	100 W	any	1.240 – 1.300 GHz	50 W	any	
13 cm	2.300 – 2.450 GHz	100 W	any	2.300 – 2.450 GHz	50 W	any	
9 cm	3.400 – 3.500 GHz	100 W	any	3.400 – 3.500 GHz	50 W	any	
6 cm	5.650 – 5.670 GHz	100 W	any	5.650 – 5.670 GHz	50 W	any	
	5.725 – 5.850 GHz	100 W	any	5.725 – 5.850 GHz	50 W	any	
3 cm	10.000 – 10.500 GHz	100 W	any	10.000 – 10.500 GHz	50 W	any	
1.2 cm	24.000 – 24.250 GHz	100 W	any	24.000 – 24.250 GHz	50 W	any	
6 mm	47.000 – 47.200 GHz	100 W	any	47.000 – 47.200 GHz	50 W	any	
4 mm	75.500 – 84.000 GHz	100 W	any	75.500 – 84.000 GHz	50 W	any	
2.5 mm	122.250 – 123.000 GHz	100 W	any	122.250 – 123.000 GHz	50 W	any	
2 mm	134.000 – 141.000 GHz	100 W	any	134.000 – 141.000 GHz	50 W	any	
1.2 mm	241.000 – 250.000 GHz	100 W	any	241.000 – 250.000 GHz	50 W	any	

### Info

Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii (ANCOM) –

[http://www.ancom.org.ro/uploads/links\\_files/DECIZIA\\_ANCOM\\_245\\_2017\\_PRIVIND\\_REGLEMENTAREA\\_SERVICIULUI\\_DE\\_AMATO R\\_en.pdf](http://www.ancom.org.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATO_R_en.pdf) (current as of 2017-08-10)

## Russia

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	T/R 61-01 implemented	RA/ /M, /P	Category 2	ECC/REC/(05)06 implemented	RC/ /M, /P	Category 3
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>
2200 m	135.700 – 137.800 kHz	1 W	any	135.700 – 137.800 kHz	1 W	any
630 m						
160 m	1.810 – 2.000 MHz	10 W	any	1.810 – 2.000 MHz	10 W	any
80 m	3.500 – 3.800 MHz	100 W	any	3.510 – 3.775 MHz	10 W	any
60 m						
40 m	7.000 – 7.200 MHz	100 W	any	7.000 – 7.175 MHz	10 W	any
30 m	10.100 – 10.140 MHz	100 W	any			
	10.140 – 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	21.000 – 21.450 MHz	10 W	any
12 m	24.890 – 24.990 MHz	100 W	any			
10 m	28.000 – 29.700 MHz	100 W	any	28.000 – 28.190 MHz	10 W	any
				28.225 – 29.300 MHz	10 W	any
				29.520 – 29.700 MHz	10 W	any
6 m						
4 m						
2 m	144.000 – 146.000 MHz	10 W	any	144.000 – 146.000 MHz	5 W	any
70 cm	430.000 – 433.000 MHz	5 W	any	430.000 – 440.000 MHz	5 W	any
	433.000 – 440.000 MHz	10 W	any			
23 cm	1.260 – 1.300 GHz	10 W	any	1.260 – 1.300 GHz	5 W	any
13 cm	2.320 – 2.32015 GHz <sup>2</sup>	10 W	any	2.320 – 2.32015 GHz <sup>2</sup>	5 W	any
	2.400 – 2.450 GHz	10 W	any	2.400 – 2.450 GHz	5 W	any
9 cm						
6 cm	5.650 – 5.670 GHz	10 W	any	5.650 – 5.670 GHz	5 W	any
	5.725 – 5.850 GHz	10 W	any	5.725 – 5.850 GHz	5 W	any
3 cm	10.000 – 10.500 GHz	10 W	any	10.000 – 10.500 GHz	5 W	any
1.2 cm	24.000 – 24.250 GHz	10 W	any	24.000 – 24.250 GHz	5 W	any
6 mm	47.000 – 47.200 GHz	10 W	any	47.000 – 47.200 GHz	5 W	any
4 mm	76.000 – 78.000 GHz	10 W	any	76.000 – 78.000 GHz	5 W	any
2.5 mm	122.250 – 123.000 GHz	10 W	any	122.250 – 123.000 GHz	5 W	any
2 mm	134.000 – 141.000 GHz	10 W	any	134.000 – 141.000 GHz	5 W	any
1.2 mm	241.000 – 250.000 GHz	10 W	any	241.000 – 250.000 GHz	5 W	any

### Notes

<sup>1</sup> Bandwidth and modes according to IARU Region 1 band plan

<sup>2</sup> EME operation only

### Info

Ministerstvo cifrovogo razvitija, svjazi i massovykh kommunikacij Rossijskoj Federacii – [http://minsvyaz.ru/common/upload/14-26-04\\_Prilozhenie.pdf](http://minsvyaz.ru/common/upload/14-26-04_Prilozhenie.pdf) (current as of 2014-08-05)

## Serbia

	CEPT	CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>	YU/		
<b>Extensions</b>	/AM, /M, /P		
<b>Equivalent national class</b>	Class 1		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>
2200 m			
630 m			
160 m	1.810 – 2.000 MHz	300 W	any
80 m	3.500 – 3.800 MHz	1500 W	any
60 m			
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	300 W	any
15 m	21.000 – 21.450 MHz	1500 W	any
12 m	24.890 – 24.990 MHz	300 W	any
10 m	28.000 – 29.700 MHz	1500 W	any
6 m	50.000 – 51.900 MHz	100 W	any
4 m			
2 m	144.000 – 144.500 MHz	1500 W	any
	144.500 – 144.800 MHz	300 W	any
	144.800 – 144.995 MHz	50 W	any
	144.995 – 145.800 MHz	30 W	any
	145.800 – 146.000 MHz	75 W	any
70 cm	432.000 – 432.500 MHz	1500 W	any
	432.500 – 433.000 MHz	300 W	any
	433.000 – 433.600 MHz	30 W	any
	433.600 – 434.000 MHz	300 W	any
	434.000 – 435.000 MHz	50 W	any
	435.000 – 438.000 MHz	75 W	any
23 cm	1.240 – 1.260 GHz	300 W	any
	1.260 – 1.270 GHz	75 W	any
	1.270 – 1.290994 GHz	300 W	any
	1.290994 – 1.291484 GHz	30 W	any
	1.291484 – 1.297494 GHz	300 W	any
	1.297494 – 1.298 GHz	30 W	any
	1.298 – 1.300 GHz	300 W	any
13 cm	2.300 – 2.321 GHz	300 W	any
	2.321 – 2.322 GHz	30 W	any
	2.322 – 2.400 GHz	300 W	any
	2.400 – 2.450 GHz	75 W	any
9 cm			
6 cm	5.650 – 5.670 GHz	75 W	any
	5.670 – 5.850 GHz	300 W	any
3 cm	10.000 – 10.450 GHz	300 W	any
	10.450 – 10.500 GHz	50 W	any
1.2 cm	24.000 – 24.048 GHz	50 W	any
	24.048 – 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

<sup>1</sup> Bandwidth and modes according to the IARU Region 1 band plan

### Info

Republic Agency for Electronic Communications (RATEL) –  
[https://www.ratel.rs/uploads/documents/pdf\\_documents/editor\\_files/File/Regulativa/Pravilnici/Pravilnik%20o%20radioamaterima,%20korigovan.pdf](https://www.ratel.rs/uploads/documents/pdf_documents/editor_files/File/Regulativa/Pravilnici/Pravilnik%20o%20radioamaterima,%20korigovan.pdf) (current as of 2018-07-18)

## Slovakia

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		OM/			OM9/		
<b>Extensions</b>		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
<b>Equivalent national class</b>		Class E			Class N		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz				
630 m	472.000 – 479.000 kHz	1 W EIRP <sup>2</sup>	200 Hz				
160 m	1.810 – 1.850 MHz	750 W	any	1.810 – 1.850 MHz	100 W	any	
	1.850 – 2.000 MHz	10 W	any	1.850 – 2.000 MHz	10 W	any	
80 m	3.500 – 3.800 MHz	750 W	any	3.520 – 3.780 MHz	100 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 – 10.150 MHz	750 W	any				
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	100 W	any	
12 m	24.890 – 24.990 MHz	750 W	any				
10 m	28.000 – 29.700 MHz	750 W	any	28.050 – 29.700 MHz	100 W	any	
6 m	50.000 – 52.000 MHz	750 W	any				
4 m	69.900 – 70.500 MHz	750 W	any				
2 m	144.000 – 146.000 MHz	750 W	any	144.000 – 146.000 MHz	100 W	any	
70 cm	430.000 – 440.000 MHz	750 W	any	430.000 – 440.000 MHz	100 W	any	
23 cm	1.240 – 1.300 GHz	750 W	any	1.240 – 1.300 GHz	100 W	any	
13 cm	2.300 – 2.450 GHz	750 W	any	2.300 – 2.450 GHz	100 W	any	
9 cm	3.400 – 3.410 GHz	750 W	any	3.400 – 3.410 GHz	100 W	any	
6 cm	5.650 – 5.850 GHz	750 W	any	5.650 – 5.850 GHz	100 W	any	
3 cm	10.000 – 10.450 GHz	750 W	any	10.000 – 10.450 GHz	100 W	any	
1.2 cm	24.000 – 24.250 GHz	750 W	any	24.000 – 24.250 GHz	100 W	any	
6 mm	47.000 – 47.200 GHz	750 W	any	47.000 – 47.200 GHz	100 W	any	
4 mm	75.500 – 81.000 GHz	750 W	any	75.500 – 81.000 GHz	100 W	any	
2.5 mm	122.250 – 123.000 GHz	750 W	any	122.250 – 123.000 GHz	100 W	any	
2 mm	134.000 – 141.000 GHz	750 W	any	134.000 – 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

<sup>1</sup> Bandwidth and modes according to the IARU Region 1 band plan

<sup>2</sup> 5 W EIRP in geographical areas with a distance of more than 800 km from the border

### Info

Telekomunikačný úrad – <http://www.teleoff.gov.sk/data/files/6322.pdf> (current as of 2010-03-09)



## Slovenia

		<b>CEPT</b>			<b>CEPT Novice</b>		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		S5/			S5/		
<b>Extensions</b>		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
<b>Equivalent national class</b>		Class A			Class N		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
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	
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 – 5.850 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 – 47.200 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				

### Info

Agencija za pošto in elektronske komunikacije (APEK) – <http://www.uradni-list.si/1/content?id=114276#/Sposni-akt-o-pogojih-za-uporabo-radijskih-frekvenc-namenjenih-radioamaterski-in-radioamaterski-satelitski-storitvi> (current as of 2013-08-16)

## South Africa

	CEPT			CEPT Novice		
<b>Implementation</b>	T/R 61-01 implemented			ECC/REC/(05)06 not implemented, but guest licence available <sup>1</sup>		
<b>Call sign</b>	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			ZU/ Optional digit designating the province: ZU1/ Western Cape ZU2/ Eastern Cape ZU3/ Northern Cape ZU4/ Free State ZU5/ KwaZulu-Natal ZU6/ Gauteng, Limpopo, Mpumalanga, North West		
<b>Extensions</b>	Class A			Class B		
<b>Equivalent national class</b>	Class A			Class B		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>			
2200 m	135.700 – 137.800 kHz	1 W EIRP	any <sup>2</sup>			
630 m	472.000 – 479.000 kHz	5 W EIRP	any <sup>2</sup>			
160 m	1.810 – 2.000 MHz	1000 W	any <sup>2</sup>			
80 m	3.500 – 3.800 MHz	1000 W	any <sup>2</sup>	3.500 – 3.800 MHz	100 W	any <sup>2</sup>
60 m	5.350 – 5.450 MHz	15 W EIRP	any <sup>2</sup>			
40 m	7.000 – 7.200 MHz	1000 W	any <sup>2</sup>	7.000 – 7.200 MHz	100 W	any <sup>2</sup>
30 m	10.100 – 10.150 MHz	400 W	any <sup>2</sup>			
20 m	14.000 – 14.350 MHz	1000 W	any <sup>2</sup>			
17 m	18.068 – 18.168 MHz	1000 W	any <sup>2</sup>			
15 m	21.000 – 21.450 MHz	1000 W	any <sup>2</sup>			
12 m	24.890 – 24.990 MHz	1000 W	any <sup>2</sup>			
10 m	28.000 – 29.700 MHz	1000 W	any <sup>2</sup>	28.050 – 28.150 MHz	100 W	any <sup>2</sup>
				28.300 – 28.500 MHz	100 W	any <sup>2</sup>
6 m	50.000 – 52.000 MHz	1000 W	any <sup>2</sup>	50.000 – 54.000 MHz	100 W	any <sup>2</sup>
	53.000 – 54.000 MHz	400 W	any <sup>2</sup>			
4 m	70.000 – 70.300 MHz	400 W	any <sup>2</sup>			
2 m	144.000 – 146.000 MHz	1000 W	any <sup>2</sup>	144.000 – 146.000 MHz	100 W	any <sup>2</sup>
70 cm	430.000 – 440.000 MHz	1000 W	any <sup>2</sup>	430.000 – 440.000 MHz	100 W	any <sup>2</sup>
23 cm	1.240 – 1.300 GHz	1000 W	any <sup>3</sup>			
13 cm	2.300 – 2.450 GHz	400 W	any <sup>3</sup>			
9 cm						
6 cm	5.650 – 5.850 GHz	400 W	any <sup>3</sup>			
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

<sup>1</sup> Guest licence: The Independent Communications Authority of South Africa (ICASA), Private Bag X10002, Sandton 2146, South Africa; E-Mail: botha@icasa.org.za

<sup>2</sup> Any mode except pulse or fast scan TV

<sup>3</sup> 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 2015-03-30);

Independent Communications Authority of South Africa (ICASA) – <https://www.icasa.org.za/uploads/files/National-Radio-Frequency-Plan-2018-41650.pdf> (current as of 2018-05-25)

# Spain

	CEPT	CEPT Novice	
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>	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		
<b>Extensions</b>	/M, /P		
<b>Equivalent national class</b>	CEPT		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz
630 m	472.000 – 479.000 kHz	1 W EIRP <sup>2</sup>	any
160 m	1.810 – 1.830 MHz	500 W	any
	1.830 – 1.850 MHz	1000 W	any
	1.850 – 2.000 MHz <sup>3</sup>	1000 W	any
80 m	3.500 – 3.800 MHz	1000 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	500 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 – 52.000 MHz	600 W	any
4 m	70.150 – 70.250 MHz	600 W	any
2 m	144.000 – 146.000 MHz	600 W <sup>4</sup>	any
70 cm	430.000 – 440.000 MHz	300 W <sup>4</sup>	any
23 cm	1.240 – 1.300 GHz	500 W EIRP	any
13 cm	2.316 – 2.332 GHz	500 W EIRP	any
9 cm			
6 cm	5.700 – 5.720 GHz	500 W EIRP	any
	5.760 – 5.762 GHz	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
6 mm	47.000 – 47.200 GHz	1000 W EIRP	any
4 mm	77.500 – 78.000 GHz	1000 W EIRP	any
2.5 mm			
2 mm	134.000 – 136.000 GHz	1000 W EIRP	any
1.2 mm	248.000 – 250.000 GHz	1000 W EIRP	any

## Notes

- <sup>1</sup> Bandwidth and modes according to the IARU Region 1 band plan
- <sup>2</sup> 5 W EIRP in geographical areas with a distance of more than 800 km from the African continent
- <sup>3</sup> Only contest operation in international contests
- <sup>4</sup> 1000 W for EME and Meteor Scatter operation

## Info

Ministerio de Industria, Energía y Turismo – <http://www.boe.es/boe/dias/2013/07/12/pdfs/BOE-A-2013-7624.pdf> (current as of 2013-07-12); Unión Radioaficionados Españoles – <https://www.ure.es/bandas-atribuidas> (current as of 2019-04-09)

## Sweden

	CEPT	CEPT Novice
<b>Implementation</b>	T/R 61-01 implemented	ECC/REC/(05)06 not implemented
<b>Call sign</b>	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	
<b>Extensions</b>	/M, /P	
<b>Equivalent national class</b>	Class 1	
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b> <b>Bandwidth/ Modes</b>
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 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 any
60 m	5.3515 – 5.3665 MHz	15 W EIRP any
40 m	7.000 – 7.200 MHz	200 W any
30 m	10.100 – 10.150 MHz	150 W any
20 m	14.000 – 14.350 MHz	200 W any
17 m	18.068 – 18.168 MHz	200 W any
15 m	21.000 – 21.450 MHz	200 W any
12 m	24.890 – 24.990 MHz	200 W any
10 m	28.000 – 29.700 MHz	200 W any
6 m	50.000 – 52.000 MHz	200 W any
4 m		
2 m	144.000 – 146.000 MHz	200 W any
70 cm	432.000 – 438.000 MHz	200 W any
23 cm	1.240 – 1.300 GHz	200 W any
13 cm	2.400 – 2.450 GHz	100 mW 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	134.000 – 141.000 GHz	200 W any
1.2 mm	241.000 – 250.000 GHz	200 W any

### Info

Post- och telestyrelsen (PTS) – [https://pts.se/globalassets/startpage/dokument/legala-dokument/foreskrifter/radio/beslutade\\_ptsfs-2018-3-undantagsforeskrifter.pdf](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](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)

## Switzerland

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
<b>Call sign</b>		HB9/			HB3/		
<b>Extensions</b>		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
<b>Equivalent national class</b>		CEPT concession			Class 3 concession		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes<sup>1</sup></b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
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							
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	1.260 – 1.300 GHz	1000 W	any				
13 cm	2.308 – 2.312 GHz	100 W	any				
9 cm							
6 cm	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

<sup>1</sup> Modes according to the IARU Region 1 band plan

### 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](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)

## Turkey

		CEPT			CEPT Novice		
<b>Implementation</b>		T/R 61-01 implemented			ECC/REC/(05)06 not implemented		
<b>Call sign</b>		TA1/ Çanakkale (European part), Edirne, Istanbul (European part), Kırklareli, Tekirdağ TA2/ Ankara, Bartın, Bilecik, Bolu, Düzce, Eskişehir, Istanbul (Asian part), Karabük, Kırıkkale, Kocaeli, Sakarya, Yalova, Zonguldak TA3/ Balıkesir, Bursa, Çanakkale (Asian part), 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/ Ağrı, Ardahan, Artvin, Batman, Bitlis, Erzurum, Hakkâri, Iğdır, Kars, Muş, Rize, Siirt, Van TAØ/ Islands					
<b>Extensions</b>		CEPT with CW: Class A			CEPT without CW: Class C		
<b>Equivalent national class</b>		CEPT with CW: Class A			CEPT without CW: Class C		
<b>Band</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	<b>Frequency Range</b>	<b>Power (PEP)</b>	<b>Bandwidth/ Modes</b>	
2200 m	135.700 – 137.800 kHz	1 W ERP	CW				
630 m	472.000 – 479.000 kHz	5 W EIRP	CW				
160 m	1.810 – 1.832 MHz	30 W	CW				
	1.832 – 1.835 MHz	30 W	CW, SSB				
	1.835 – 1.850 MHz	30 W	CW				
80 m	3.500 – 3.800 MHz	75 W	any				
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any				
40 m	7.000 – 7.200 MHz	75 W	any				
30 m	10.100 – 10.150 MHz	100 W	CW, MGM				
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	75 W	any				
4 m							
2 m	144.000 – 146.000 MHz	400 W	any	144.000 – 146.000 MHz	5 W	any	
70 cm	430.200 – 430.700 MHz	400 W	any				
	431.550 – 431.825 MHz	400 W	any				
	432.000 – 432.975 MHz	400 W	any	432.000 – 432.975 MHz	5 W	any	
	433.400 – 433.575 MHz	400 W	any				
	435.000 – 437.975 MHz	400 W	any				
	439.150 – 439.425 MHz	400 W	any				
	1.240 – 1.300 GHz	400 W	any				
23 cm							
13 cm							
9 cm							
6 cm	5.650 – 5.670 GHz	400 W	any				
	5.820 – 5.850 GHz	400 W	any				
3 cm	10.450 – 10.452 GHz	400 W	any				
1.2 cm	24.000 – 24.050 GHz	400 W	any				
6 mm	47.000 – 47.200 GHz	400 W	any				
4 mm	75.500 – 76.000 GHz	400 W	any				
2.5 mm							
2 mm	134.000 – 142.000 GHz	400 W	any				
1.2 mm							

### Notes

- <sup>1</sup> A copy of the official letter from the Undersecretariat of Customs (<http://www.tcswat.org/images/Customs.gif>) and from the Telecommunications Authority (<http://www.tcswat.org/images/TK.gif>) has to be printed out and presented at the customs.

### Info



## Ukraine

Implementation	CEPT			CEPT Novice		
	Call sign	Extensions	Equivalent national class	Call sign	Extensions	Equivalent national class
	T/R 61-01 implemented	/AM, /M, /MM, /P	Category 1	ECC/REC/(05)06 implemented	/AM, /M, /MM, /P	Category 3
	UT/			UT/		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>	Frequency Range	Power (PEP)	Bandwidth/ Modes <sup>1</sup>
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m						
160 m	1.810 – 1.850 MHz	100 W	any	1.838 – 1.842 MHz	5 W	MGM
	1.850 – 2.000 MHz	10 W	any	1.850 – 2.000 MHz	5 W	CW, SSB
80 m	3.500 – 3.800 MHz	200 W	any	3.500 – 3.650 MHz	40 W	any
60 m						
40 m	7.000 – 7.200 MHz	200 W	any	7.000 – 7.100 MHz	40 W	CW
30 m	10.100 – 10.150 MHz	200 W	any			
20 m	14.000 – 14.350 MHz	200 W	any			
17 m	18.068 – 18.168 MHz	200 W	any			
15 m	21.000 – 21.450 MHz	200 W	any	21.000 – 21.250 MHz	40 W	any
12 m	24.890 – 24.990 MHz	200 W	any			
10 m	28.000 – 29.700 MHz	200 W	any	28.000 – 29.300 MHz	40 W	any
				29.520 – 29.700 MHz	40 W	any
6 m						
4 m						
2 m	144.000 – 144.399 MHz	5 W	any	144.035 – 144.399 MHz	5 W	any
	144.500 – 144.990 MHz	5 W	any	144.500 – 144.990 MHz	5 W	any
	145.194 – 146.000 MHz	5 W	any	145.194 – 146.000 MHz	5 W	any
70 cm	430.000 – 432.399 MHz	5 W	any	430.000 – 432.000 MHz	5 W	any
				432.025 – 432.399 MHz	5 W	any
	432.500 – 432.994 MHz	5 W	any	432.500 – 432.994 MHz	5 W	any
	433.394 – 440.000 MHz	5 W	any	433.394 – 440.000 MHz	5 W	any
23 cm						
13 cm						
9 cm						
6 cm	5.650 – 5.670 GHz	5 W	any	5.650 – 5.670 GHz	5 W	any
	5.830 – 5.850 GHz	5 W	any			
3 cm	10.100 – 10.150 GHz	5 W	any	10.100 – 10.500 GHz	5 W	any
1.2 cm	24.000 – 24.050 GHz	5 W	any	24.000 – 24.250 GHz	5 W	any
6 mm	47.000 – 47.200 GHz	5 W	any	47.000 – 47.200 GHz	5 W	any
4 mm	76.000 – 81.000 GHz	5 W	any	76.000 – 78.000 GHz	5 W	any
2.5 mm	122.250 – 123.000 GHz	5 W	any	122.250 – 123.000 GHz	5 W	any
2 mm	134.000 – 141.000 GHz	5 W	any	134.000 – 141.000 GHz	5 W	any
1.2 mm	241.000 – 250.000 GHz	5 W	any	241.000 – 250.000 GHz	5 W	any

### Notes

<sup>1</sup> Bandwidth and modes according to IARU Region 1 band plan

### Info

National Commission for the State Regulation of Communications and Informatization – <http://zakon3.rada.gov.ua/laws/show/z0205-11> (current as of 2018-02-13)



## United Kingdom of Great Britain and Northern Ireland

		CEPT	CEPT Novice	
<b>Implementation<sup>1</sup></b>		T/R 61-01 implemented	ECC/REC/(05)06 not implemented	
<b>Call sign</b>		M/ England MD/ Isle of Man MI/ Northern Ireland MJ/ Jersey MM/ Scotland MU/ Guernsey MW/ Wales		
<b>Extensions</b>		/M, /MM, /P (optional)		
<b>Equivalent national class</b>		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 ERP	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 <sup>2</sup>	5.2585 – 5.264 MHz	100 W <sup>3</sup>	6 kHz	
	5.276 – 5.284 MHz	100 W <sup>3</sup>	6 kHz	
	5.2885 – 5.292 MHz	100 W <sup>3</sup>	6 kHz	
	5.298 – 5.307 MHz	100 W <sup>3</sup>	6 kHz	
	5.313 – 5.323 MHz	100 W <sup>3</sup>	6 kHz	
	5.333 – 5.338 MHz	100 W <sup>3</sup>	6 kHz	
	5.354 – 5.358 MHz	100 W <sup>3</sup>	6 kHz	
	5.362 – 5.3745 MHz	100 W <sup>3</sup>	6 kHz	
	5.378 – 5.382 MHz	100 W <sup>3</sup>	6 kHz	
	5.395 – 5.4015 MHz	100 W <sup>3</sup>	6 kHz	
	5.4035 – 5.4065 MHz	100 W <sup>3</sup>	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 <sup>4</sup>	40 W ERP	any	
	432.000 – 440.000 MHz	400 W	any	
23 cm	1.240 – 1.325 GHz	400 W	any	
13 cm <sup>5</sup>	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

- <sup>1</sup> T/R 61-01 and ECC/REC/(05)06 are not implemented in the British Overseas Territories
- <sup>2</sup> No mobile or portable operation
- <sup>3</sup> Maximum power 200 W EIRP
- <sup>4</sup> 431.000–432.000 MHz not available within 100 km radius of Charing Cross, London (51° 30' 30" N 0° 7' 24" W)
- <sup>5</sup> Parts of this band are to be removed from the amateur radio licence

### Info

Office of Communications (Ofcom) – [http://licensing.ofcom.org.uk/binaries/spectrum/amateur-radio/guidance-for-licensees/Guidance\\_to\\_protect\\_MoD\\_systems\\_using\\_the\\_2\\_3\\_GHz\\_band.pdf](http://licensing.ofcom.org.uk/binaries/spectrum/amateur-radio/guidance-for-licensees/Guidance_to_protect_MoD_systems_using_the_2_3_GHz_band.pdf) (current as of 2014-04-23);  
[https://www.ofcom.org.uk/\\_\\_data/assets/pdf\\_file/0027/62991/amateur-terms.pdf](https://www.ofcom.org.uk/__data/assets/pdf_file/0027/62991/amateur-terms.pdf) (current as of 2018-07-25);



## United States of America – ITU Region 2

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

Implementation	CEPT			CEPT Novice		
	T/R 61-01 implemented			ECC/REC/(05)06 not implemented, but CEPT Novice accepted under Extra Class conditions		
Call sign	KH3/ Johnston Island			KH3/ Johnston Island		
	KH4/ Midway Island			KH4/ Midway Island		
	KH6/ Hawaii			KH6/ Hawaii		
	KH7/ Kure Island			KH7/ Kure Island		
	KL7/ Alaska			KL7/ Alaska		
	KP1/ Navassa Island			KP1/ Navassa Island		
	KP2/ U.S. Virgin Islands			KP2/ U.S. Virgin Islands		
	KP4/ Commonwealth of Puerto Rico			KP4/ Commonwealth of Puerto Rico		
	KP5/ Desecheo Island			KP5/ Desecheo Island		
	W1/ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont			W1/ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont		
	W2/ New Jersey, New York			W2/ New Jersey, New York		
	W3/ Delaware, District of Columbia, Maryland, Pennsylvania			W3/ Delaware, District of Columbia, Maryland, Pennsylvania		
	W4/ Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia			W4/ Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia		
	W5/ Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma, Texas			W5/ Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma, Texas		
	W6/ California			W6/ California		
	W7/ Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming			W7/ Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming		
	W8/ Michigan, Ohio, West Virginia			W8/ Michigan, Ohio, West Virginia		
	W9/ Illinois, Indiana, Wisconsin			W9/ Illinois, Indiana, Wisconsin		
	WØ/ Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota			WØ/ Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota		
Extensions	/M			/M		
	Extra Class			Extra Class		
Equivalent national class	Extra Class			Extra Class		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m						
630 m						
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 <sup>1</sup>	3.500 – 3.600 MHz	1500 W	any <sup>1</sup>
75 m	3.600 – 4.000 MHz	1500 W	any <sup>2</sup>	3.600 – 4.000 MHz	1500 W	any <sup>2</sup>
60 m		5.332 MHz	100 W ERP		5.332 MHz	100 W ERP
		5.348 MHz	100 W ERP		5.348 MHz	100 W ERP
		5.3585 MHz	100 W ERP		5.3585 MHz	100 W ERP
		5.373 MHz	100 W ERP		5.373 MHz	100 W ERP
		5.405 MHz	100 W ERP		5.405 MHz	100 W ERP
40 m	7.000 – 7.125 MHz	1500 W	any <sup>1,4</sup>	7.000 – 7.125 MHz	1500 W	any <sup>1,4</sup>
	7.125 – 7.300 MHz	1500 W	any <sup>2</sup>	7.125 – 7.300 MHz	1500 W	any <sup>2</sup>
30 m	10.100 – 10.150 MHz	200 W	any <sup>1</sup>	10.100 – 10.150 MHz	200 W	any <sup>1</sup>
20 m	14.000 – 14.150 MHz	1500 W	any <sup>1</sup>	14.000 – 14.150 MHz	1500 W	any <sup>2</sup>
	14.150 – 14.350 MHz	1500 W	any <sup>2</sup>	14.150 – 14.350 MHz	1500 W	any <sup>2</sup>
17 m	18.068 – 18.110 MHz	1500 W	any <sup>1</sup>	18.068 – 18.110 MHz	1500 W	any <sup>1</sup>
	18.110 – 18.168 MHz	1500 W	any <sup>2</sup>	18.110 – 18.168 MHz	1500 W	any <sup>2</sup>
15 m	21.000 – 21.200 MHz	1500 W	any <sup>1</sup>	21.000 – 21.200 MHz	1500 W	any <sup>1</sup>
	21.200 – 21.450 MHz	1500 W	any <sup>2</sup>	21.200 – 21.450 MHz	1500 W	any <sup>2</sup>
12 m	24.890 – 24.930 MHz	1500 W	any <sup>1</sup>	24.890 – 24.930 MHz	1500 W	any <sup>1</sup>
	24.930 – 24.990 MHz	1500 W	any <sup>2</sup>	24.930 – 24.990 MHz	1500 W	any <sup>2</sup>
10 m	28.000 – 28.300 MHz	1500 W	any <sup>1</sup>	28.000 – 28.300 MHz	1500 W	any <sup>1</sup>
	28.300 – 29.700 MHz	1500 W	any <sup>2</sup>	28.300 – 29.700 MHz	1500 W	any <sup>2</sup>
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 <sup>5</sup>	1500 W <sup>6</sup>	any	420.000 – 450.000 MHz <sup>5</sup>	1500 W <sup>6</sup>	any
33 cm	902.000 – 928.000 MHz <sup>7</sup>	1500 W <sup>8</sup>	any	902.000 – 928.000 MHz <sup>7</sup>	1500 W <sup>8</sup>	any
23 cm	1.240 – 1.300 GHz	1500 W	any	1.240 – 1.300 GHz	1500 W	any
	2.300 – 2.310 GHz	1500 W	any	2.300 – 2.310 GHz	1500 W	any
13 cm	2.390 – 2.450 GHz	1500 W	any	2.390 – 2.450 GHz	1500 W	any
	3.300 – 3.500 GHz	1500 W	any	3.300 – 3.500 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 <sup>9</sup>	1500 W	any	76.000 – 81.000 GHz <sup>9</sup>	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

- <sup>1</sup> CW, RTTY, data
- <sup>2</sup> CW, phone, image
- <sup>3</sup> A1A, J2B, J2D, J3E only; CW and data emissions must be centered 1.5 kHz above the channel frequencies indicated
- <sup>4</sup> 7.075–7.100 MHz: phone, image only west of 130° W and south of 20° N
- <sup>5</sup> 420.000–430.000 MHz: regional restrictions
- <sup>6</sup> 50 W in restricted areas
- <sup>7</sup> Regional restrictions in Colorado, New Mexico, Texas, Wyoming
- <sup>8</sup> 50 W within 241 km of the boundaries of the White Sands Missile Range, Texas/New Mexico
- <sup>9</sup> 76.000–77.000 GHz: Amateur operation suspended till the FCC can determine that interference will not be caused to vehicle radar systems

#### 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/cgi-bin/text-idx?SID=8af8b5e1e8905a037414fdcfbff48c93&mc=true&node=pt47.5.97&rgn=div5#se47.5.97\\_1301](https://www.ecfr.gov/cgi-bin/text-idx?SID=8af8b5e1e8905a037414fdcfbff48c93&mc=true&node=pt47.5.97&rgn=div5#se47.5.97_1301) (current as of 2019-03-08)



## United States of America – ITU Region 3

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

Implementation	CEPT			CEPT Novice		
	T/R 61-01 implemented			ECC/REC/(05)06 not implemented, but CEPT Novice accepted under Extra Class conditions		
Call sign	KH1/ Baker Island, Howland Island			KH1/ Baker Island, Howland Island		
	KH2/ Guam Island			KH2/ Guam Island		
Extensions	KH5/ Jarvis Island, Palmyra Island			KH5/ Jarvis Island, Palmyra Island		
	KH5K/ Kingman Reef			KH5K/ Kingman Reef		
Equivalent national class	KH8/ American Samoa			KH8/ American Samoa		
	KH9/ Wake Island (Islets Peale, Wake, Wilkes)			KH9/ Wake Island (Islets Peale, Wake, Wilkes)		
Band	KHØ/ Commonwealth of Northern Mariana Islands			KHØ/ Commonwealth of Northern Mariana Islands		
	/M			/M		
Band	Extra Class			Extra Class		
	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m						
630 m						
160 m	1.800 – 2.000 MHz	1500 W	any <sup>2</sup>	1.800 – 2.000 MHz	1500 W	any <sup>2</sup>
80 m	3.500 – 3.750 MHz	1500 W	any <sup>1</sup>	3.500 – 3.750 MHz	1500 W	any <sup>1</sup>
75 m	3.750 – 3.900 MHz	1500 W	any <sup>2</sup>	3.750 – 3.900 MHz	1500 W	any <sup>2</sup>
60 m						
40 m	7.000 – 7.125 MHz	1500 W	any <sup>1</sup>	7.000 – 7.125 MHz	1500 W	any <sup>1</sup>
	7.125 – 7.200 MHz	1500 W	any <sup>2</sup>	7.125 – 7.200 MHz	1500 W	any <sup>2</sup>
30 m	10.100 – 10.150 MHz	200 W	any <sup>1</sup>	10.100 – 10.150 MHz	200 W	any <sup>1</sup>
20 m	14.000 – 14.150 MHz	1500 W	any <sup>1</sup>	14.000 – 14.150 MHz	1500 W	any <sup>1</sup>
	14.150 – 14.350 MHz	1500 W	any <sup>2</sup>	14.150 – 14.350 MHz	1500 W	any <sup>2</sup>
17 m	18.068 – 18.110 MHz	1500 W	any <sup>1</sup>	18.068 – 18.110 MHz	1500 W	any <sup>1</sup>
	18.110 – 18.168 MHz	1500 W	any <sup>2</sup>	18.110 – 18.168 MHz	1500 W	any <sup>2</sup>
15 m	21.000 – 21.200 MHz	1500 W	any <sup>1</sup>	21.000 – 21.200 MHz	1500 W	any <sup>1</sup>
	21.200 – 21.450 MHz	1500 W	any <sup>2</sup>	21.200 – 21.450 MHz	1500 W	any <sup>2</sup>
12 m	24.890 – 24.930 MHz	1500 W	any <sup>1</sup>	24.890 – 24.930 MHz	1500 W	any <sup>1</sup>
	24.930 – 24.990 MHz	1500 W	any <sup>2</sup>	24.930 – 24.990 MHz	1500 W	any <sup>2</sup>
10 m	28.000 – 28.300 MHz	1500 W	any <sup>1</sup>	28.000 – 28.300 MHz	1500 W	any <sup>1</sup>
	28.300 – 29.700 MHz	1500 W	any <sup>2</sup>	28.300 – 29.700 MHz	1500 W	any <sup>2</sup>
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	3.300 – 3.500 GHz	1500 W	any	3.300 – 3.500 GHz	1500 W	any
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 <sup>4</sup>	1500 W	any	76.000 – 81.000 GHz <sup>4</sup>	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

- <sup>1</sup> CW, RTTY, data
- <sup>2</sup> CW, phone, image
- <sup>3</sup> A1A, J2B, J2D, J3E only; CW and data emissions must be centered 1.5 kHz above the channel frequencies indicated
- <sup>4</sup> 76.000–77.000 GHz: Amateur operation suspended till the FCC can determine that interference will not be caused to vehicle radar systems

### Info

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## General information

The "CEPT Licence" falls under the CEPT recommendation T/R 61-01 (<https://www.erodocdb.dk/document/925>, current as of 2018-01-02), the "CEPT Novice Licence" falls under the CEPT recommendation ECC/REC/(05)06 (<https://www.erodocdb.dk/document/1024>, current as of 2019-01-29).

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

