

L.N. 193 of 2012

**ELECTRONIC COMMUNICATIONS (REGULATION) ACT
(CAP. 399)**

**General Authorisations (Radiocommunications Apparatus)
(Amendment) Regulations, 2012**

IN exercise of the powers conferred upon article 34 of the Electronic Communications (Regulation) Act, the Minister for Infrastructure, Transport and Communications, has made the following regulations:-

1. The title of these regulations is the General Authorisations (Radiocommunications Apparatus) (Amendment) Regulations, 2012, and they shall be read and construed as one with the General Authorisations (Radiocommunications Apparatus) Regulations, hereinafter referred to as "the principal regulations".

Citation.

S.L. 399.40

2. In the Arrangement of Regulations, for the words "TENTH SCHEDULE - General Authorisation for Analogue PMR 446 Radiocommunications Apparatus" there shall be substituted the words "TENTH SCHEDULE - General Authorisation for PMR 446 Radiocommunications Apparatus".

Amends the Arrangement of Regulations.

3. The First Schedule to the principal regulations shall be amended as follows:

Amends the First Schedule to the principal regulations.

(a) paragraph 4 shall be renumbered as 4(1), and immediately after paragraph 4(1) as renumbered, there shall be added following:

"(2) Maritime ship stations operating outside territorial waters shall only use those radio frequencies or channels which are allowed to be used in those waters and shall observe any terms, conditions or limitations which could be applicable in the same waters."; and

(b) immediately after paragraph 13 there shall be added the following:

"Additional condition for handheld VHF stations.

13A. A DSC enabled handheld VHF station shall have an internal global navigation satellite system.".

4. The Fifth Schedule to the principal regulations shall be amended as follows:

Amends the Fifth Schedule to the principal regulations.

(a) paragraph 2 thereof shall be substituted by the

following:

"Minimum
technical
parameters.

2. The minimum technical parameters of short-range radiocommunications apparatus intended to be used for inductive applications, shall be those specified in the Annex to this Schedule.";

(b) paragraph 3 thereof shall be deleted; and

(c) the Annex to the Fifth Schedule shall be substituted by the following:

**"ANNEX TO THE FIFTH SCHEDULE
(Paragraph 2 of the Fifth Schedule)
Minimum Technical Parameters of Short-Range
Radiocommunications Apparatus intended to be used for
Inductive Applications**

Mandatory Parameters				Informative Parameters
Frequency Band	Maximum magnetic field	Additional parameters	Other usage parameters	Recommended (harmonised) standard
9-59.75 kHz	72 dB μ A/m at 10m			EN 300 330
59.75-60.25 kHz	42 dB μ A/m at 10m			EN 300 330
60.25-74.75 kHz	72 dB μ A/m at 10m			EN 300 330
74.75-75.25 kHz	42 dB μ A/m at 10m			EN 300 330
75.25-77.25 kHz	72 dB μ A/m at 10m			EN 300 330
77.25-77.75 kHz	42 dB μ A/m at 10m			EN 300 330
77.75-90 kHz	72 dB μ A/m at 10m			EN 300 330
90-119 kHz	42 dB μ A/m at 10m			EN 300 330
119-135 kHz	66 dB μ A/m at 10m			EN 300 330
135-140 kHz	42 dB μ A/m at 10m			EN 300 330
140-148.5 kHz	37.7 dB μ A/ m at 10m			EN 300 330

148.5-5000 kHz In the specific bands mentioned below, higher field strengths and additional usage restrictions apply:	-15 dB μ A/m at 10m in any bandwidth of 10 kHz	The total field strength is - 5dB μ A/m at 10m for systems operation at bandwidths larger than 10 kHz		EN 300 330
400-600 kHz	-8 dB μ A/m at 10m		For RFID use only	EN 300 330
3155-3400 kHz	13.5 dB μ A/m at 10m			EN 300 330
5-30 MHz In the specific bands mentioned below, higher field strengths and additional usage restrictions apply:	-20 dB μ A/m at 10m in any bandwidth of 10 kHz	The total field strength is - 5dB μ A/m at 10m for systems operation at bandwidths larger than 10 kHz		EN 300 330
6765-6795 kHz	42 dB μ A/m at 10m			EN 300 330
7400-8800 kHz	9 dB μ A/m at 10m			EN 300 330
10.2-11 MHz	9 dB μ A/m at 10m			EN 300 330
13.553-13.567 MHz	42 dB μ A/m at 10m			EN 302 291
13.553-13.567 MHz	60 dB μ A/m at 10m		For RFID and EAS use only	EN 300 330
26.957-27.283 MHz	42 dB μ A/m at 10m			EN 300 330".

5. The Tenth Schedule to the principal regulations shall be substituted by the following:

Substitutes the Tenth Schedule to the principal regulations.

"TENTH SCHEDULE

(Regulation 3)

General Authorisation for PMR 446

Radiocommunications Apparatus

Applicability of Tenth Schedule.

1. This Schedule applies to any person installing or using PMR 446 radiocommunications apparatus or any apparatus intended to be used as a component of that apparatus.

Interpretation.

2. In this Schedule unless the context otherwise requires:

"Analogue PMR 446 radio-communications apparatus" means short range voice communications apparatus intended to operate on collective frequencies shared by any users on an uncoordinated basis;

"Digital PMR 446 radiocommunications apparatus" means short range communications apparatus intended to operate on collective frequencies shared by any users on an uncoordinated basis using digital technology.

Minimum technical parameters and limitations.

3. (1) The minimum technical parameters of Analogue PMR 446 radiocommunications apparatus or Digital PMR 446 radiocommunications apparatus shall be those specified in the Annex to this Schedule.

(2) Analogue PMR 446 radiocommunications apparatus or Digital PMR 446 radiocommunications apparatus shall only use integral antennas.

ANNEX TO THE TENTH SCHEDULE

(Paragraph 3 of the Tenth Schedule)

Minimum Technical Parameters of Analogue PMR 446 radiocommunications apparatus or Digital PMR 446 radiocommunications apparatus

A1. Analogue PMR 446 radiocommunications apparatus

Frequency band	446.0 – 446.1 MHz
Maximum Transmit Power	500 mW e.r.p.
Channel Separation	12.5 kHz
Recommended (harmonised) standard (Informative)	EN 300 296

A2. Digital PMR 446 radiocommunications apparatus

Frequency band	446.1 – 446.2 MHz
Maximum Transmit Power	500 mW e.r.p.
Channel Separation	12.5 kHz
Maximum transmitter time-out time	180 seconds

Recommended (harmonised) standard (Informative)	EN 300 113-2".
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6. The Annex to the Twenty-Sixth Schedule shall be substituted by the following:

Amends the
Twenty-Sixth
Schedule to the
principal
regulations.

**"ANNEX TO THE TWENTY-SIXTH SCHEDULE
(Paragraph 3 of the Twenty-Sixth Schedule)
Minimum Technical Parameters of road transport and traffic
telematics systems**

Frequency band	Maximum transmit power	Additional parameters / spectrum access and mitigation requirements	Other usage restrictions
5795 – 5805 MHz	2 W e.i.r.p.		For vehicle-to-infra- structure systems only
24.05 – 24.075 GHz	100 mW e.i.r.p.		
24.075 – 24.15 GHz	0.1 mW e.i.r.p.		
24.075 – 24.15 GHz	100 mW e.i.r.p.	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in the harmonised standards adopted under Directive 1999/5/EC must be used Dwell time limits and frequency modulation range apply as specified in harmonised standards	For vehicle radars only
24.15 – 24.25 GHz	100 mW e.i.r.p.		
63 – 64 GHz	40 dBm e.i.r.p.		For vehicle-to- vehicle, vehicle-to- infrastructure and infrastructure-to- vehicle systems only
76 – 77 GHz	55 dBm peak e.i.r.p. and 50 dBm mean e.i.r.p. and 23.5 dBm mean e.i.r.p. for pulse radar		For terrestrial vehicle and infrastructure radar systems only ".

