COMMONWEALTH OF DOMINICA

STATUTORY RULES AND ORDERS No. OF 2011

ARRANGEMENT OF REGULATIONS

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COMMONWEALTHOFDOMINICA

STATUTORY RULES AND ORDERS No. 30 OF 2011.

REGULATIONS

MADE BY the Minister under section 74 of the Telecommunications Act, 2000 (Act No. 8 of 2000).

(Gazetted 10th November, 2011.)

1. These Regulations may be cited as the- Short title.

TELECOMMUNICATIONS (EXEMPTION) REGULATIONS 2011.

2. In these Regulations- Interpretation. Act No. 8 of 2000.

"the Act" means the Telecommunications Act 2000;

"apparatus" means telecommunications apparatus or apparatus designed or adapted for use in connection with telecommunications apparatus as described in Part III of the Schedules;

"authorised person" means any person authorised by the Commission for the purpose of regulation 5;

"CEPT' means the European Conference of Postal and Telecommunications Administrations;

"Commission" means National Telecommunications Regulatory Commission established by the Telecommunications Act in an ECTEL Member State:

"Common Technical Regulations" means the applicable rule governing the connection of terminal equipment to telecommunications networks published by the Telecommunications Research and Action Centre and by the European Telecommunications Standard Institute

which is in force at the date of the publication of these regulations;

"eirp" means equivalent isotropicaliy radiated power;

"erp" means effective radiated power; "DCS" means Digital Controlled Squeich.

"EN45001 and EN45002" means European Standards (Normes Europeennes) EN45001 and EN45002 published In September 1989 by the British Standards Institution;

"ETSI" means the European Telecommunications Standards Institute;

"FCC" means the Federal Communications Commission;

"ISO guides 25 and 58" means the International Organization for Standardization Guides 25 and 58 published by the International Organization for Standardization in 1990 and 1993 respectively;

"low power device" means a restricted radiation device, exclusive of those employing conducted or guided radio frequency techniques, used for the transmission of signs, signals (including control signals), writing, images and sounds or intelligence of any nature by radiation of electromagnetic energy;

"public telecommunications network"[5] means a telecommunication network used for the provision of telephone services to the public;

"radio frequency device" means a device that transmits or receives electromagnetic waves between 500 KHz and 300GHz;

"the Radio Regulations" means the 1998 edition of the Radio Regulations made under Article 13 of the Constitution of the International Telecommunication Union;

"relevant apparatus" means the apparatus specified in Schedules 1 to 7;

Schedules 1-7.

"test laboratory" means a test laboratory which has been accredited in accordance with ISO guides 25 and 58 or EN45001 and EN45002 or a national standard conforming to ISO guides 25 and 58 or EN45001 and EN45002.

Exemption.

3. (1) Subject to regulation 4, the establishment, installation and use of the relevant apparatus are exempted from the provisions of section 29 of the Act.

(2) The exemption in sub-regulation (1) shall not apply to relevant apparatus which is established, installed or used to provide or capable of providing a link between telecommunication apparatus, or a telecommunication network, and other such apparatus or network, which are used to provide a telecommunications service commercially to another person.

Termms, provisions and limitations.

4. (1) The exemption provided for in these Regulations is subject to the terms, provisions and limitations that-

(a) the relevant apparatus shall not cause or contribute to any undue interference to any telecommunications; and

(b) frequency bands reSating to the relevant apparatus are for terrestrial use only, unless otherwise stated in Schedule 4.

Schedule 4.

(2) Such exemption shall also be subject to such additional terms, provisions and limitations as are specified in the Schedules in respect of the relevant apparatus.

Inspection and restriction on use.

5. (1) Where an authorised person has reasonable cause to believe that any relevant apparatus is not complying with Regulations 3 and 4, any person who is in possession or control of the relevant apparatus shall, on the demand of that authorised person-

(a) permit and facilitate the apparatus to be inspected by that authorised person: and

(b) cause its use to -

(i) cease; or

(ii) be restricted in the manner specified by that authorised person,

for a period of time ending either on a date of on the occurrence of an event specified by that authorised person.

(2) Any authorised person exercis ing powers under sub-regulation (1) shall produce evidence of his authority, if so required by the person in possession or control of the relevant apparatus.

General conditions of operation.

6. (1) A person operating an exempted device does not. have any vested or recognizable right to continue use of any given frequency by virtue of exemption under these regulations.

(2) The operator of a radio frequency device shall cease operating the device upon notification by a Commission representative that the device is causing harmful interference.

(3) The operator shall not resume use of the frequency device until the condition causing the harmful interference has been corrected.

(4) A person who operates a device in contravention of sub-regulations (2) and (3) of this regulation commits an offence and is liable, on summary conviction, to a fine not exceeding one thousand dollars.

Amendment of the Schedule.

7. (1) The Commission, may after consultation with ECTEL, make recommendations to the Minister to amend the Schedules.

(2) The Minister may, on receipt of a recommendation from the Commission amend the Schedules to these Regulations by Order.

SCHEDULE 1

NETWORK USER STATIONS (Regulation 2)

PART I

INTERPRETATION

In this Schedule-

"BABT" means the British Approvals Board for Telecommunications:

"BTx" means Base Transmit, the frequency on which a base station transmits and a user station receives;

"MTx" means Mobile Transmit, the frequency on which a user station transmits and a base station receives;

"prescribed apparatus" means a user station as defined below;

"relevantnetwork"meansa telecommunication.network consisting exclusively of stations established and operated in accordance with a licence, which has been granted under section 31 of the Act and is of a type specified in Part III of this Schedule;

"user station" means a mobile station for telecommunications designed or adapted to be -

(a) connected by telecommunications to one or more relevant networks; and

(b) used solely for the purpose of sending and receiving messages conveyed by a relevant network by means of telecommunications;

"station" means one or more transmitters or receivers or a combination of receivers or transmitters, including

the accessory equipment, necessary at one location for carrying out a radio communication service or the radio astronomy service.

PART II

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

The prescribed apparatus shall be sabject to and comply with the Common Technical Regulations referred to in Part IV of this Schedule as appropriate, and in the absence of a Common Technical Regulation applying to such apparatus, the prescribed apparatus must -

(a) be approved by the Commission for the purposes of these Regulations;

(b) comply with the FCC standard referred to in Part 15 of the FCC Regulations; or

(c) be approved to the ETSI standards or the draft ETSI standards referred to in Part IV as appropriate by a Commission following type testing at a test laboratory.

PART III

TYPE OF LICENCE GRANTED IN ACCORDANCE WITH SECTION 31 OF THE TELECOMMUNICATIONS ACT 2000

1. Cellular Networks licensed for use in the following services on the relevant frequency bands-

(a) Public Mobile/Cellular telephone

Global System for Mobile communications (GSM)	880-915 MHz (MTx)
	925-960 MHz (BTx)

(b) Public Mobile/Cellular telephone

Time Division multiple Access 'A'(TDMA 'A')	824-834 MHz (MTx)
	869-879 MHz (BTx)

(c) Public Mobile/Cellular telephone

Global System for Mobile communications (GSM):	1710-1785 MHz (MTx)
	1805-1880 MHz (BTx

(d) Public Mobile/Cellular telephone

Global System for Mobile communications (GSM):	1850-1910 MHz (MTx)
	1710-1785 MHz (BTx)

2. Public access mobile radio systems licensed for use in the following frequency bands -

162-167 MHz
410-430 MHz
440-449 MHz

3. Land mobile systems licensed for use in the followingfrequency bands-

138-144MHz
148~156MHz
420-430 MHz
440~456,675MHz

PART IV

COMMON TECHNICAL REGULATIONS AND STANDARDS

1. GSM

I-ETSI 300 020-1 (Edition 2) published by ETSI in January 1995.

2. Public mobile data systems (410-430 MHz)

Final Draft pr ETS 300 113 published by ETSI in March

1996. ETS 300 113 published by ETSI in July 1996.

FCC Part 15.251

3. Digital Control Squelch (DCS)

BABT Special Investigation Test Schedule (SITS) 92/50 published in March 1991 and revised and reprinted in June 1995.

Final Draft pr TBR 031 : 1996-02 published by ETSI in February 1996.

Final Draft pr TBR 032:1996-02 published by ETSI in February 1996.

Public access mobile radio systems.

ETS 300 086 published by ETSI in January 1991.

ETS 300113 published by ETSI In July 1996.

I-ETS 300 219 published by ETSI in October 1993.

4. Common base station systems

ETS 300 086

ETS 300 113

MPT 132

SCHEDULE 2 (Regulation 2)

CORDLESS TELEPHONE APPARATUS

PART I

INTERPRETATION

In this Schedule -

"data message"[1] means a non-voice message;

"prescribed apparatus" means any station or apparatus described in Part III of this Schedule.

PART II

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

The prescribed apparatus shall be subject to and must comply with the Common Technical Regulation referred

to in Part IV of this Schedule, and in the absence of a Common Technical Regulation applying to such apparatus, the prescribed apparatus most be approved -

(a) by the Commission for the purposes of these Regulations; or

(b) to the standards referred to in Part IV of this Schedule as appropriate by the Commission following type testing at a test laboratory.

PART III

DESCRIPTIONS OF THE PRESCRIBED APPARATUS

Analogue Cordless Telephone Apparatus

1. Apparatus consisting of a base station and one or more portable stations designed or adapted in accordance with FCC 15.233-

(a) to be used to send and receive voice or data, messages to be conveyed over a telecommunication network towhich the base station is connected; and

(b) so as not to operate on more than one of the pair of frequencies set out below at any one time-

Channel	Base Transmitter (MHz)	Handset Transmitter (MHz)
1	43.720	48.760
2	43.740	48.840
3	43.820	48.860
4	43.840	48.920
5	43.920	49.020
6	43.960	49.080
7	44.120	49.100
8	44.160	49.160
9	44.180	49.200
10	44.200	49.240
11	44.320	49.280
12	44.360	49.360
13	44.400	49.400
14	44.460	49.460
15	46.480	49.500
16	46.610	49.670
17	46.630	49.845
18	46.670	49.860
19	46.710	49.770
20	46.730	49.875
21	46.770	49.830
22	46.830	49.890
23	46.870	49.930
24	46.930	49.990
25	46.970	49.970

Analogue Cordless Telephone Apparatus

900 MHz Cordless Telepohone

Ch.	BASE	HANDSET	Ch.	BASE	HANDSET	Ch.	BASE	HANDSET
01	902.100	926.100	11	902.400	926.400	21	902.700	926.700
02	902.130	926.130	12	902.430	926.430	22	902.730	926.730
03	902.160	926.160	13	902.460	926.460	23	902.760	926.760
04	902.190	926.190	14	902.490	926.490	24	902.790	926.790
05	902.220	926.220	15	902.520	926.520	25	902.820	926.820
06	902.250	926.250	16	902.550	926.550	26	902.850	926.850
07	902.280	926.280	17	902.580	926.580	27	902.880	926.880
08	902.310	926.310	18	902.610	926.610	28	902.910	926.910
09	902.340	926.340	19	902.640	926.640	29	902.940	926.940
10	902.370	926.370	20	902.670	926.670	30	902.970	926.970

Ch.	BASE	HANDSET	Ch.	BASE	HANDSET	Ch.	BASE	HANDSET
31	903.000	927.000	41	903.300	927.300	51	903.600	927.600
32	903.030	927.030	42	903.330	927.330	52	903.630	927.630
33	903.060	927.060	43	903.360	927.360	53	903.660	927.660
34	903.090	927.090	44	903.390	927.390	54	903.690	927.690
35	903.120	927.120	45	903.420	927.120	55	903.720	927.720
36	903.150	927.150	46	903.450	927.150	56	903.750	927.750
37	903.180	927.180	47	903.480	927.180	57	903.780	927.780
38	903.210	927.210	48	903.510	927.210	58	903.810	927.810
39	903.240	927.240	49	903.540	927.240	59	903.840	927.840
40	903.270	927.270	50	903.570	927.270	60	903.870	927.870

Ch.	BASE	HANDSET	Ch.	BASE	HANDSET	Ch.	BASE	HANDSET
01	905.600	925.500	08	906.300	926.200	15	907.000	926.900
02	905.700	925.600	09	906.400	926.300	16	907.100	927.000
03	905.800	925.700	10	906.500	926.400	17	907.200	927.100
04	905.900	925.800	11	906.600	926.500	18	907.300	927.200
05	906.000	925.900	12	906.700	926.600	19	907.400	927.300
06	906.100	926.000	13	906.800	926.700	20	907.500	927.400
07	906.200	926.100	14	906.900	926.800	-	-	-

2. Apparatus consisting of a base station and one or more portable stations designed or adapted in accordance with FCC Part 15,233-

(a) to be used to send and receive voice or data messages to be conveyed over a telecommunication network to which the base station is connected; and

(b) so as to operate on either of the pairs of frequencies set out below-

Channel No. transmission frequency	Base station transmission	Portable station frequency
1	47.43 125 MHz	77.51250 MHz
2	47.41 875 MHz	77.55000 MHz

"

3. Apparatus consisting of a. base station and one or more portable stations designed or adapted in accordance with FCC Part 15.247-

(a) to be used to send and receive voice or data messages to be conveyed over a telecommunication network to which the base station is connected; and

(b) so as to operate on either of the frequencies set out below-

2.4 GHz Cordless Telephone

Channel	Base Transmitter (MHz)	Handset Transmitter (MHz)
1	2412	2412
2	2417	2417
3	2422	2422
4	2427	2427
5	2432	2432
6	2437	2437
7	2442	2442
8	2447	2447
9	2452	2452
10	2457	2457
11	2462	2462
12		

PART IV
COMMON TECHNICAL REGULATIONS AND STANDARDS

CT1 - ETSI EN 301 796

The FCC Part 15 Regulations

SCHEDULE 3 (Regulation 2)

LAND MOBILE-SATELLITE SERVICE STATIONS

PART I

INTERPRETATION

In this Schedule -

"Eutelsat" means the European Telecommunications Satellite Organization established by Article 11 *(a)* of the Convention on the European Telecommunications Satellite Organization of 1982;

"Globalstar" means Globalstar LP whose registered office is situated at 3200 Zanker Road, GS-06, San Jose, CA 95134, United States of America;

"ICO" means ICO Global Communications (Holdings) Limited whose registered office is situated at Clarendon House, 2 Church Street, Hamilton, Bermuda;

"Inmarsat" means Inmarsat Limited whose registered office is situated at 99 City Road, London EC 1Y I AX;

"Iridium" means Iridium Satellite LLC whose registered office is situated at 8440 South River Parkway Tempe, AZ 85284 USA;

"Italsat" means the satellite network operated by Telespazio s.p.a. whose registered office is situated at via Tiburting, 965-00156 Rome, Italy;

"Land Mobile-Satellite Service", "Land Earth Station" and "Land Mobile Earth Station" have the meanings given to them in the Radio Regulations;

"prescribed apparatus" means a Land Mobile Earth Station in a Land Mobile-Satellite Service described in Part III of this Schedule.

PART II

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

The prescribed apparatus shall be subject to and comply with the Common Technical Regulations referred to in Part IV of this Schedule as appropriate, and in the absence of a Common Technical Regulation applying to such apparatus, the prescribed apparatus must be approved -

(a) by the Commission for the purposes of these Regulations; or

(b) to the ETSI standards referred to in Part IV of this Schedule as appropriate by a Commission; or

(c) to the FCC Part 25 standard as appropriate by a Commission.

PART III

DESCRIPTIONS OF THE PRESCRIBED APPARATUS

Eutelsat
Land Mobile Earth Stations in the Eutelsat Land Mobile-Satellite Service which are designed or adapted to-

(a) send and receive messages by telecommunications via that Service to or from any Land Earth Station in that Service; and

(b) be capable of transmitting in the frequency band 14.00-14.25 GHz and receiving in the frequency bands 10.70-11.70 GHz or]2.50-12.75 GHz and operating at a power level not exceeding the maximum specified in the table set out in Part IV.

Globalstar.
Land Mobile Earth Stations in the Globalstar Land Mobile-Satellite Service which are designed or adapted to-

(a) send and receive messages by telecommunications via that Service to or from any Land Earth Station in that Service;

(b) be capable of transmitting and receiving in the frequency bands 1610.0-1621.35 MHz and 2483.5-2500.0 MHz and operating at a power level not exceeding -3 dBW/4 kHz mean power (eirp) density; and

(c) operate in accordance with the requirements of ECTRA/ERC Decision (97) 05 and ERC Decision ERC/DEC (97) 03.

ICO

Land Mobile Earth Stations in the ICO Land Mobile-Satellite Service which are designed or adapted to-

(a) send and receive messages by telecommunications via that Service to or from any Land Earth Station in that Service;

(b) be capable of transmitting and receiving in the frequency bands 1997.5-2010.0 MHz and 2187.5-2200.0 MHz and operating at a power level not exceeding 9.8 dBW/25 kHz peak power (eirp) density; and

(c) operate in accordance with the requirements of ECTRA/ERC Decision (97) 05, ERC Decision ERC/DEC (97) 03 and ERC Decision ERC/DEC (97) 04 decided by the CEPT in June 1997.

Inmarsat

Land Mobile Earth Stations in the Inmarsat Land Mobile-Satellite Service which are designed or adapted to-

(a) send and receive messages by telecommunications via that Service to or from any Land Earth Station in that Service; and

(b) be capable of transmitting in the frequency bands 1626.5-1645.5 MHz and 1646.5-1660.5 MHz and receiving in the frequency bands 1525.0-1544.0 MHz or 1545.0-1559.0 MHz and operating at a power level not exceeding the maximum specified in the table set out in Part IV.

Italsat

Land Mobile Earth Stations in the Italsat Land Mobile-Satellite Service which are designed or adapted to-

(a) send and receive messages by telecommunications via that Service to or from any Land Earth Station in that Service; and

(b) be capable of transmitting in the frequency bands 1626.5-1645.5 MHz and 1646.5-1660.5 MHz and receiving in the frequency bands 1525.0-1544,0 MHz or 1545.0-1559.0 MHz and operating at a power level not exceeding the maximum specified in the table set out in Part IV.

PART IV

COMMON TECHNICAL REGULATIONS AND STANDARDS

Inmarsat

Type of Inmarsat station	Maximum power (eirp)	ESTI stand (unless otherwise stated)	Date of publication
A	+37dBW	Technical Requirements for Inmarsat Standard - A Ship Earth Stations, edition 3	May 1988
		Ship Earth Station Technical Bulletin 26A	September 1991
		Ship Earth Station Technical Bulletin 27B	October 1993
B	+34 dBW (+1/-2 dB)	TBR 44	May 1998
C	+16 dBW	TBR 26 edition 1	May 1998
D	+9 dBW	TBR 26 edition 1	E

M	+28dBW (+3/-3 dB)	TBR 44
Mini M (phone)	+2.7 dBW	TBR 44
M4	+26dBW	TBR 44

Eutelsat

Type of Eutelsat station	Maximum power (eirp)	ETSI standard Date of publication
Euteltracs (Omnitracs)	19 DBW	TBR 27 Januray 1998

Italsat

Type o f Italsat station	Maximum power (eirp)	ETSI standard	Date of publication
EMS-PPRODAT	12 dBW	TBR 26 edition 1	May 1998
EMS-MSSAT	11.5 dBW	TBR44	May 1998

Iridium

Must compiy with the common technical regulation for Satellite Personal Communications Networks (S-PCN) Mobile Earth Stations (MESs), including hand held earth stations, for S-PCN operating in the 1.6/2.4 GHz frequency bands under the Mobile Satellite Service (MSS).

ICO

Must comply with the common technical regulation for Satellite Personal Communications Networks (S-PCN) Mobile Earth Stations (MESs), including hand held earth stations, for S-PCN operating in the 2.0 GHz frequency bands under the Mobile Satellite Service (MSS).

Globalstar
Must comply with the common technical regulations for Satellite Personal Communications Network (S-PCN) Mobile Earth Stations (MESs), including hand held earth stations, for S-PCN operating in the 1.6/2,4 GHz frequency bands under the Mobile Satellite Service (MSS).

SCHEDULE 4 (Regulation 2)

SHORT RANGE DEVICES

PART I

INTERPRETATION

1. In this Schedule-

"direct sequence spread spectrum modulation" means a form of modulation where a combination of data to be transmitted and a known code sequence (or chip sequence) is used to directly modulate a carrier;

"EN 300 220-1" means the European Telecommunications Standard EN 300 220-1 published by ETSI In November 1997;

"EN 300 328" means the European Telecommunications Standard EN 300 328 published by ETSI in November 1994, revised and reprinted in November 1996 and amended in July 1997;

"EN 300 330" means the European Telecommunications Standard EN 300 330$_5$ version 1.2,2 (1999) published by ETSI in 1999;

"I-ETS 300 422" means the European Telecommunications Standard I-ETS 300 422 published by ETSI in December 1995;

"I-ETS 300 440" means the European Telecommunications

Standard I-ETS 300 440 published by ETSI in December 1995 and Corrigendum issued in April 1996;

"EN 300 674" means the European Telecommunications Standard EN 300 674 published by ETSI in November 1998;

"EN 300 718" means the European Telecommunications Standard EN 300 718 published by ETSI in March 1997;

"EN300 761" means the European Telecommunications Standard EN 300 761 published by ETSI *in* January J 998;

"EN 300 836-1" means the European Telecommunications Standard EN 300 836-1 published by ETSI in May 1998;

"EN 301 091" means the European Telecommunications Standard EN 301 091 published by ETSI in June 1998;

"EN301357" means the European Telecommunications Standard EN 301 357, version 1.2.1 (1999) published by ETSI in 1999;

FCC Part i 5.231 means the telecommunications standard 15.231 for short range devices, SRD

FCC Part 15,233 means the telecommunications standard 15.231 for short range devices, SRD

FCC Part 15.23 5 means the telecommunications standard 15,231 for short range devices, SRD;

"Fo" means centre frequency;

"frequency hopping spread spectrum modulation" means a technique in which the transmitted signal occupies a number of frequencies in time, each for some period of time;

"non-manufactured apparatus" means apparatus made up from components, but which is not for retail resale;

"prescribed apparatus" means any station or apparatus described in Part III of this Schedule;

"radiated level" means the maximum level permitted, referenced to the erp, eirp or field strength as specified in Part III of this Schedule; and

"Telemetry", "Telecommand". "Television" and "Telephony" have the meanings given to them in the ITU Radio Regulations.

2. Where the channel spaci ng or channel bandwidth is defined in this Schedule the centre frequency of the first channel is at a distance of half the channel spacing from the lower frequency band edge.

PART II

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

Prescribed apparatus must be approved -

(a) by the Conimission for the purposes of these Regulations: or

(b) to the ETSI standards or FCC Part 15 Regulations referred to in Part III of this Schedule as appropriate by the Corramission fol lowing type testing at a test laboratory, or otherwise complies with such standards in the case of non-manufaetured apparatus used as metal detectors or model control apparatus referred to in Part III, paragraphs 13 and 20 below.

PART III

DESCRIPTIONS OF THE RELEVANT APPARATUS

General Purpose Short Range Devices

1. Any telecommunications apparatus, which is not described elsewhere in this Schedule and which is designed or adapted so as to be capable of use within the frequency band, and at a radiated level not exceeding the maximum for such frequency band, specified in the table below-

Frequencies or frequency band standard	Radiated level	Channel band with	Music or speech permitted	ETSI standard	FCC
49.82-49.98	10 mW erp	10KHz	Yes	EN 300 220-1	15.231 MHz
49.82-49.98 Mhz	10 mW erp	-	Yes		
433.05-434.79	10 mW	-	Yes(on condition that no interference is caused to other users)		

Telemetry and Telecommand: General

2. Telecommiinications apparatus designed or adapted for-

(a) Telemetry and Telecommand, so as to be capable of use on one or more of the frequencies or within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus,specified in the table below and subject to the fol lowing sub-paragraphs;

(b) In category iii, channel numbers 1 and 3 to II are available with a channel centre frequency of 173.2 MHz + (channel bandwidth x channel number);

(c) in category iv, channel numbers 1 to 5 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth x channel number);

(d) in category v, Telemetry and Telecommand may only be used in conjunction with telephony with a non-locking push to talk key or voice operated carrier;

(e) in category vii, the band may also be used for airborne telemetry based on 25 kHz channel spacing;

(f) in categories viii, ix and xii, consecutive channels may be combined for increased bandwidth up to the maximum sub-band frequency allocation. The total signal bandwidth must be contained within the allocated sub-band-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech	Duty cycle	ETSI Standard	FCC Standard
i	26.995, 27.045, 27.095, 27.145, 27.195 MHz	1 mW erp	10kHz	No	-	EN 300 220-1	Part 15.231
ii	40.66-40.7	10 mW	-	No	-		
iii	173.2-173.35 MHz	1 mW erp	12.5kHz	No	-		
iv	173.2 - 173.35 MHz	1 mW erp	25 kHz	No	-		
v	173.5875,	10 mW	12.5 kHz	No	-		
vi	417.9-418.1	250 mW	-	No	-		
vii	433.05-434.79 MHz	10 erp	-	No	<=		
viii	868-868.6 MHz	25 mW erp	10% <=25 kHz	No	<=1%		
ix	868.7-869.2 MHz	25 mW erp	>=25 kHz	No	<= 10%		
x	869.3-869.4 MHz	10 mW erp	<=25kHz	No	<= 10%		
xi	869.4-869.65 MHz	500 mW erp	<=25 kHz	No	<= 10%		
xii	869.7-870 MHz	5 mW erp	<=25kHz	No	up to 100%		
xiii	2400-2483.5 MHz	10 mW erp	<=20MHz MHz	Yes	-	I-ETS 300-440	Part 15.235

Telemetry and Telecommand: Industrial/Commercial.

3. Telecommunications apparatus designed or adapted for-

(a) Telemetry and Telecommand, so as to be capable of use on one or more of the frequencies or within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below and subject to tiie following sub- paragraphs;

(b) in category i, channel numbers 1 and 3 to 11 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth x channel number);

(c) in category ii, channel numbers 1 to 5 are available with a channel centre frequency of 173,2 MHz + (channel bandwidth x channel number);

(d) in category iv, channel numbers 1 to 25,28 to 31 and 33 to 35 are available with a channel centre frequency of 458.5 MHz + (channel bandwidth x channel number);

(e) in category v, channel numbers 1 to 12,14 to 15 and 17 are available with a channel centre frequency of 458,5 MHz + (channel bandwidth x channel number)-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	ETSI Standards	FCC
i	173.2-173.35 MHz	10 mW erp	10kHz	No	EN 300	Part
ii	173.2-173.35 MHz	10 mW erp	25 kWz	No		
iii	173.2-173.35 Mhz	10 mW erp	-	No		
iv	458.5-458.95 MHz	500 mW erp	12.5 kHz	No		
v	458.5-458.95 MHz	500 mW erp	25 kHz	No		

vi	2445-2455 MHz	100 mW eirp	-	No	I-ETS 300 440	15-235

Telemetry: Data buoys

4.Telecommunications apparatus designed or adapted for Telemetry in a maritime environment, so as to be capable of use on one or more of the frequencies or within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below-

Frequencies or frequency Standard band	**Radiated level**	**Channel bandwith**	**Music or speech permitted**	**ETSI Standard**	**FCC**
35.3375, 35.3625, 35.3875, 35.4125, 35.4375, 35.4625 MHz	250 mW erp	25 kHz	No	EN 300 220-1	Part 15.231

Medical and Biological Applications

5. Telecommunications apparatus designed or adapted for-

(a) Telemetry and Telecommand, so as to be capable of use on one or more of the frequencies or within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below and subject to the following sub-paragraphs;

(b) in category ii, channel numbers 1 to 24 are available with channel centre frequency of 173.7 MHz + (channel bandwidth x channel number);

(c) in category isi, channel numbers 1 to 11 are available with channel centre frequency of 173.7 MHz + (channel bandwidth x channel number);

(d) in category v, for use with ultra low power active medical implants only;

(e) in category vi and vii, channel numbers 37 io 47 are available with channel centre frequency of 458.5 MHz + (channel bandwidth x channel number);

(f) in category viii and ix, channel numbers 19 to 23 are available with channel centre
frequency of 458.5 MHz + (channel bandwidth x channel number);

(g) in categories ii, iii, vi and viii, these bands may also be used in an airborne
application for the tracking of birds-

Category	Frequencies or frequency band	Radiated level	Channel bandwth	Music or speech permitted	ETSI Standard	FCC Standard
i	300 kHz-30 MHz	9dBmA/m@; 10m	-	No	EN 300 330	Part 15.231
Category	**Frequencies or frequency band**	**Radiated level**	**Channel bandwth**	**Music or speech permitted**	**ETSI Standard**	**FCC Standard**
ii	173.7-174 MHz	10 mW erp	12.5 kHz	No	EN 300 220-1	Part 15.231
iii	173.7-174 MHz	10 mW erp	25 kHz	No		
iv	173.7-174- MHz	10 mW erp	-	No		
v	402-405 MHz	25 mW erp	300 kHz	No		
vi	458.9625-459.1000 MHz	10 mW erp	12.5 kHz	No		
vii	458.9625-459-1000 MHz	500 mH erp	12.5 kHz	No		
viii	458.9625-459-1000 MHz	10 mW erp	25 kHz	No		

ix	458.9625-459.1000 MHz	500 mW erp	25 kHz	No		

Short Range Data Links

6. Telecommunications apparatus designed or adapted-

(a) for the provision of short range data links, so as to be capable of use only within the frequency band, and at a radiated level not exceeding the maximum for such frequency band, specified in the table below and subject to the following sub-paragraph;

(b) analogue speech is not permitted.

Frequency band	Power	Antenna	Channel Spacing
2445-2483.5 MHz	100mWeirp For direct sequence spread spectrum, maximum spectrum power density is limited to-20dBW/ I MHz For frequency hopping spread spectrum, the maximum spectrum power density is limited to-10dBW/ 100 kHz	Integral (no external antenna socket) or dedicated	No channel spacing - the whole stated frequency band may be used. Minimum data rate 250 kbits/s

Equipment for the Detection of Movement or Alert

7. Telecommunications apparatus designed or adapted to-

(a) produce a radiated field and respond to a variation in that field as a result of any intrusion or movement within that field by other devices, objects or persoos in order to detect or monitor the movement of such

devices, objects or persons, so as to be capable of use on one or more of the frequencies within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, specified in the table below and subject to the following sub-paragraphs;

(b) in category i, this service is due to be withdrawn by 31st December 2003:

(c) category ii applications are for tagging and identification only;

(d) category iv applications are for indoor use only;

(e) category vii applications are for use in mobile applications only, and fixed installations are not permitted.

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	ETSI Standard	FCC Standard
i	888.0-889.0 MHz	500 mW erp	25 kHz	No	-	
ii	2445-2455 MHz	500 mW eirp	-	No	I-ETS	15.235
iii	10.577-10.597 GHz	1 W eirp	-	No		
iv	10.675-10.699 GHz	1 W eirp	-	No		
v	13.4-14.0 GHz	500 mW eirp	-	No		
vi	24.150-24.250 GHz	2 W eirp	-	No		
vii	24.250-24.350 GHz	2 W eirp	-	No		

Road Transport and Traffic Telematics

8. Telecommunications apparatus designed or adapted to aid in the management, control or flow of transport and traffic-

(a) for the provision of short range data links which respond to a signal initiated by, in the case of categories i and ii below, a network operator, or by, in the case of category ii or iii, a private system used and operated by the owner or persons authorised by the owner, so as to be capable of use only within any of the frequency bands, and at a radiated level not exceeding the maximum for such frequency bands, specified in the table below-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	Duty cycle	ESTI Standard	FCC Standard
i	5795-5805 MHz	<= 2 W eirp	-	No	-	EN 3	Part 15.223
ii	5805-5815 MHz	<= 2 W eirp	-	No	-		
iii	5805-5815 MHz	<= 2 W eirp	-	No	-	I-ETS	Part 15.235 300440

(b) for the provision of short range on-board vehicle radar so as to be capable of use only within the frequency band and at a radiated level not exceeding the maximum for such frequency band specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	Duty Cycle	ESTI Standard	FCC Standard
76-77 GHz	<= 55 dBm peak power	-	No	-	EN 301 091	Part 15.205

Inductive Applications

9. That part of an induction system designed or adapted to produce-

(a) a controlled magnetic field; and

(b) a predetermined recognisable signal when operating within that magnetic field,

so as to be capable of use only within the frequency bands, and at a radiated level, not exceeding the maximum for such frequency bands specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	Duty Cycle	ETSI Standard	FCC Standard
9-30 kHz	72 dBµA/m @ 10 m	-	No	-	EN 300 330	part 15.213
9-185 kHz	48 dBµA/m @ 10 m	-	Yes (music not permitted)			
30-59.75 kHz	72 dBµA/m descending 3.5 dB/ octave above 30 kHz	-	No	-		
59.75-60.25 kHz	42 dBµA/m	-	No	-		
60.25-70 kHz	72 dBµ A/m descending 3.5 dB/ octave above 30 kHz	-	No	-		
70-119 kHz	42 dBµA/m @10 m	-	No	-		
119-135 kHz	72 dBµA/m descending 3.5 dB/ octave above 30 kHz	-	No	-		

Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	Duty Cycle	ETSI Standard	FCC Standard
240-315 kHz	24 dBμA/m @ 10 m	-	No	-		
2-30 MHz	-9.5 dBμA/m @10 m	-	Yes (speech only)	-		
2-30 MHz	9 dBμA/m @ 10 m	-	No	-		
6.765-6.795 MHz	42 dBμA/m @ 10 m	-	No	-		
7.4-8.8 MHz	9 dBμA/m @ 10 m	-	No	-		
13.533-13.587 MHz	21.5 dBμA/m @ 10 m	-	No	-		
13.553-13.567 MHz	42 dBμA/m @ 10 m	-	No	-		
26.957-27.283 MHz	42 dBμA/m @ 10 m	-	No	-		

Metal Detectors

10. That part of an induction system designed or adapted to produce-

(a) a controlled magnetic field; and

(b) a predetermined recognisable signal when operating within that magnetic field,

so as to be capable of use only within the frequency bands, and at a radiated level, not exceeding the maximum for such frequency bands, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ESTI Standard	FCC Standard
9-148.5 kHz	70dBuA/m @6m	-	No	EN 300 330	Part 15.213

Alarms

11. Telecommunications apparatus designed or adapted-

(a) to generate or indicate an alarm condition; or

(b) to arm or disarm the alarm system,

so as to be capable of use on one or more of the frequencies within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech	Duty Cycle	ETSI Standard	FCC Standard
868.-868.7 MHz	10 m W erp	<= 25 kHz	No	<=0.1%	EN 300 220	Part 15.209
869.250-869.3 MHz	10 mW erp	<=25 kHz	No	<=0.1%		
869.65-869.7	25 mW erp	<= 25 kHz	No	<= 10%		

Social Alarms: For the elderly and infirm

12. Telecommunications apparatus designed or adapted-

(a) to generate or indicate an alarm condition; or

(b) to arm or disarm the alarm system,

so as to be capable of use on one or more of the frequencies, and at a radiated level not exceeding the maximum for such frequencies, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	Duty Cycle	ETSI Standard	FCC Standard
27.450,34.925, 34.950, 34.975 MHz	500 µW erp	12.5 kHz	No	-	EN 300 220-1	Part 15.209
869.2-869.25 MHz	10 m W erp	<=25 kHz	No	<=0.1%		

Alarms: Vehicle paging.

13. Telecommunications apparatus designed or adapted to generate or indicate an alarm condition so as to be capable of use on one or more of the frequencies, and at a radiated level not exceeding the maximum for such frequencies, specified in the table below, provided that category ii apparatus may also be used to arm or disarm the alarm system at a radiated level not exceeding 1 m W-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
i	47.4MHz	100mW erp erp	12.5 kHz	No	EN 300 220-1	Part15.209
ii	458.90 MHz	100mWerp erp	12.5 kHz	No		

Alarms: General alarms associated with marine applications and including fixed shore installations.

14. Telecommunications apparatus designed or adapted-

(a) to generate or indicate an alarm condition; or

(b) to arm or disarm the alarm system,

so as to be capable of use on the frequency, and at a radiated level not exceeding the maximum for such frequency, specified in the table below, including use on land for the storage or transportation of vessels-

Frequencies or frequency band	Radiated level	Channel bandwith	Music or speech permitted	ETSI Standard	FCC Standard
161.275 MHz	10 mW erp	12.5 kHz	No	EN 300 220-1	Part 15.209

Alarms: Mobile and transportable and lone worker safety.

15. Telecommunications apparatus designed or adapted-

(a) to generate or indicate an alarm condition; or

(b) to arm or disarm the alarm system,

so as to be capable of use on one or more of the frequencies, and at a radiated level not exceeding the maximum for such frequencies, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
173.1875MHz	10mWerp	12.5 kHz	No	EN 300 220-1	Part 15.209
458.8375 MHz	100 mW erp	12.5 kHz	No		

Alarms: Fixed

16. Telecommunications apparatus designed or adapted-

(a) to generate or indicate an alarm condition; or

(b) to arm or disarm the alarm system,

so as to be capable of use on one or more of the frequencies, and at a radiated level not exceeding the maximum for such frequencies, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music speed pemitted	ETSI Standard	FCC Standard
173.225 MHz	10 m Werp	12.5 kHz	No	EN 300220-1	Part 15.209
173.225 MHz	10 mWerp	25 kHz	No		
458.825 MHz	100 mWerp	12.5 kHz	No		

Model Control

17. Telecommunications apparatus designed or adapted-

(a) in categories i and v, for Telecommand to control the movement of medals in general;

(b) in category ii, for Telecommand to control the movement of airborne models only;

(c) in category iii, for Telecommand to control the movement of models on the ground, on water or under the water

(d) in category iv, for Telemetry to provide data from the model, including airborne models, so as to be capable of use on one or more of the frequencies or within one of the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
i	26.96-27.28 MHz	100 mW	10kHz	No	EN 300 220-1	Part 15.209
ii	34.995-35.255 MHz	100 mW	10kHz	No		
iii	40.66-41.00 MHz	100 mW	10kHz	No		Part 15.231
iv	433.05-434.79 MHz	10 mW	25 kHz	No		
v	458.5-459.5 MHz	100mW	25 kHz	No		

Radio Microphones

18. Telecommunications apparatus designed or adapted for Telephony, for the purpose of aids to project personal voice or music, so as to be capable of use on one or more of the frequencies within the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below-

Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
174.6,174.675, 174.77,174.885, 175.02 MHz	5mWerp	50kHz	Yes	I-ETS 300	Part 15.231
173.8,174.1,174.5, 174.8,175.0 MHz	2 mW erp	180kHz	Yes		
863-865 MHz	10mWerp	<=200kHz	Yes		

Radio Hearing Aids

19. Telecommunications apparatus designed or adapted-

(a) for Telephony, for the purpose of hearing aids for the handicapped, so as to be capable of use on one or more of the frequencies within the frequency bands, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below and subject to the following sub-paragraphs;

(b) frequency bands in category ii may be used if frequency bands in category i are not suitable; and frequency bands in category iii may be used if category i and ii frequency bands are not suitable;

(c) frequency bands in category iv may only be used as an alternative for radio hearing aids if frequency bands in categories i, ii and iii are unsuitable

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
i	173.35,173.4, 173.465,173.545, 173.64 MHz	2 mW erp	50 kHz	Yes	I-ETS 300	Part
ii	173.695,173.775, 173.825.173.95, 173.99 MHz	2 mW erp	50 kHz	Yes		
iii	174.07,174.12, 174.185,174.27, 174.36,174.415 MHz	2 mW erp	50 kHz	Yes		
iv	174.6,174.675, 174.77,174.885, 175.02 MHz	2 mW erp	50 kHz	Yes		

Wireless Audio Applications

20. Telecommunications apparatus designed or adapted-

(a) fortelephony, for the purpose of providing a short range radio link between the audio output of a device, so as to be capable of use on one or more frequencies within the frequency band, and at a radiated level not exceeding the maximum for such frequencies or frequency bands, for each category of apparatus, specified in the table below and subject to the following sub-paragraphs;

(b) categories i and ii are for cordless headphones or cordless loudspeakers;

(c) category iii is for cordless headphones for use in vehicles;

(d) category iv is for cordless headphones for use with personal stereo devices ;

(e) category is for cordless devices used for transmitting the audio output from a television receiver to a radio receiving device-

Category	Frequencies or frequency band	Radiated level	Channel band	Music or speech permitted	Duty Standard	ETSI Standard	FCC Standard
i	36.61-36.79 MHz 37.01-37.19 MHz	10 µW erp	-	Yes -		EN 300 220-1	
ii	863-865 MHz	10 m W erp	<= 300 kHz	Yes-		EN 301 357	
iii	863-865 MHz	2 m W erp	<=300 kHz	Yes -			
iv	863-865 MHz	1 mW erp	<= 300 kHz	Yes -			
V	88-108 MHz	62 raW	<= 300	Yes -			5.201

Video; Close Circuit Television.

21. Telecommunications apparatus designed or adapted-

(a) for television, so as to be capable of use only within either of the frequency bands, and at a radiated level not exceeding the maximum for such frequency bands, specified in the table below and subject to the following sub-paragraphs;

(b) where required, associated telephony may also be used within the specified frequency band;

(c) music and speech are only permitted when associated with the video application;

(d) category ii may also be used for airborne use-

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
i	1394 MHz eirp	500 mW	10 MHz	Yes	I-ETS 300 440	15.235
ii	2400-2483.5 MHz	10 mW eirp	20 MHz	Yes		15.201

Bluetooth Devices

22. Telecommunications apparatus designed or adapted-

(a) to connect low-cost wireless communications and networking between personal computers, mobile phones & other devices

(b) to connect peripheral devices by wireless data transmission to a computer

Category	Frequencies or frequency band	Radiated level	Channel bandwith	Music speech permitted	ETSI Standard	FCC Standard
i	2.400.2,483 MHz	100 mW eirp	1 MHz	Yes	ETS 300 328	Part 15.247
ii	2400-2483 MHz					

WiFi Devices

23. Telecommunications apparatus designed or adapted to receive wireless Internet on laptop computers

Category	Frequencies or frequency band	Radiated level	Channel bandwith permitted	Music speech	ETSI Standard	FCC Standard
i	2.400-2.483 MHz	1000 m W eirp	5 MHz	Yes		Part 15.247

(Regulation 2)

SCHEDULE 5

Personal Mobile Radio (PMR) 446

PART I

INTERPRETATION

In this Schedule-

"ETS 300 446 " means the European Telecommunications Standard ETS 300 446 published by ETSI in December 1994 and revised and reprinted in March 1997; and

"prescribed apparatus" means the apparatus known as personal mobile radio ("PMR 446") described in Part III of this Schedule.

PART II

ADDITIONALTERMS, PROVISIONS AND LIMITATIONS

The prescribed apparatus shall be subject to and comply with the Common Technical Regulations in force, and in the absence of a Common Technical Regulation applying to such apparatus, the prescribed apparatus must-

(a) be approved by the Commission for the purposes of these Regulations; or

(b) be approved to ETS 300 446 by a Commission following type testing at a test laboratory.

PART III

DESCRIPTIONOFTHEPRESCRIBED APPARATUS

Personal Mobile Radio operating in the 446 MHz Band in accordance with ETS 300 [ ] 6-

Frequencies	Channel bandwidth	Maximum erp
446.00625MHz	12.5 kHz	500mW
446.01875MHz	12.5kHz	500mW
446.03125MHz	12.5 kHz	500mW
446.04375MHz	12.5kHz	500mW
446.05625MHz	12.5 kHz	500mW
446.06875MHz	12.5kHz	500mW
446.08125MHz	12.5kHz	500mW
446.09375MHz	12.5kHz	500mW

SCHEDULE 6 (Regulation 2)

INFRARED DEVICES

PART I

INTERPRETATION

In this Schedule-

"Infrared-communication" means telecommunication by

electromagnetic waves of wavelengths arbitrarily between 0.7 µ.m. and 1000 µ.m. propagated in space without artificial guide.

PART D

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

Unless there is a Common Technical Regulation in force in respect of the prescribed apparatus, such apparatus must be approved for the time being by the Commission for the purposes of these Regulations.

PART III

DESCRIPTION OF THE PRESCRIBED APPARATUS

Infrared-communication apparatus designed or adapted for -

(a) Emergency Service use;

(b) Telemetry and Telecommand;

(c) Alarms

(i) to detect movement;

(ii) to generate or indicate an alarm condition;

(iii) to arm or disarm the alarm system;

(d) Measurement;

(e) Video. Closed Circuit Television;

(f) Audio applications;

(g) Short range data links, for use between two infrared devices at a maximum distance of 300m.

SCHEDULE 7 (Regulation 2)

DIGITAL APPARATUS

PART 1

Interpretation

1. In this Schedule

"Class A digital apparatus" means an apparatus that is marketed for use in a commercial, industrial or business environment, exclusive of an apparatus which is marketed for use by the general public or is intended to be used in the home;

"Class B digital apparatus" means an apparatus that is marketed for use in a residential environment notwithstanding use in commercial, business and industrial environments;

"Intentional radiator" means an apparatus that intentionally generates and emits radio frequency energy by radiation or induction;

"Unintentional radiator" means an apparatus or system that generates and uses timing signals or pulses at a rate in excess of 9,000 pulses (cycles) per second and uses digital techniques; inclusive of telephone equipment that uses d Igi tal techniques or any apparatus or system that generates and uses radio frequency energy for the purpose of performing data processing functions such as electronics computations, operations, transformations, recording, filing, sorting, storage, retrieval or transfer.

PART II

ADDITIONAL TERMS, PROVISIONS AND LIMITATIONS

For all exempted equipment:

1. The exemption applies to the unintentional radiators for Class A and Class B digital apparatus as well as intentional radiators.

2. The level of radiation and conducted emissions limits should be for the Class B digital apparatus.

PART III

DESCRIPTIONS OF THE RELEVANT APPARATUS

1. Unintentional radiators

These apparatus do not intentionally generate radio frequencies emissions and include:

a) personal computers;

b) peripherals;

c) receivers, radios;

d) TV sets, and

e) cable TV home terminals

2. Intentional Radiators

Intentional radiators must either have a permanently attached antenna or provide a unique coupler to prevent the use of unauthorized antennas and include:

a) cable-locating equipment;

b) cordless telephones;

c) remote control and alarm transmitters;

d) field-disturbance sensors for opening doors; and

e) spread-spectrum systems for wideband data transmission.

3. Digital apparatus

These include apparatus:

a) operating in the 1910-1930 MHz frequencies bands in accordance with FCC Part 15 Subpart D;

b) operating in the 5.15 - 5.35 GHz, 5.47 - 5.725 GHz, and 5.725 - 5.825 GHz bands in accordance with the standards in the FCC Part 15 Subpart E;

c) providing access for broadband over Power Line (ABPL) apparatus operating in the 1.705-80 MHz band over medium or low voltage lines in accordance with the standards in the FCC Part 15 Subpart G.

4. Digital apparatus designed or adapted

(a) exclusively for transportation vehicles;

(b) for electronic control of power systems;

(c) to use as an appliance such as microwave, dishwasher, or clothes dryer, with power consumption not .6 nW, generating emissions < 1.745 MHz and operating from AC power line; or

(d) for use as specialised medical equipment under the supervision of a licensed health care practitioner.

Made this 24th day of October, 2011.

AMBROSE GEORGE

Minister for Telecommunication

DOMINICA

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