SCHEDULE 6

SHORT RANGE DEVICES

PART III

DESCRIPTIONS OF THE RELEVANT APPARATUS

General Purpose Short Range Devices

1. Any wireless telegraphy 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 | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 49.82–49.98 MHz | 10 mWerp | 10 kHz | Yes | EN 300 220-1 |
| 49.82–49.98 MHz | 10 mW erp | _ | Yes | |

Telemetry and Telecommand: General

- 2. Wireless telegraphy 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 iii, channel numbers 1 and 3 to 11 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth × channel number);
 - (c) in category iv, channel numbers 1 to 5 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth × 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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|----------|---|-------------------|----------------------|---------------------------------|------------|------------------|
| i | 26.995, 27.045, 27.095, 27.145, 27.195 MHz | 1 mW erp | 10 kHz | No | _ | EN 300 220-1 |

| Category | Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|----------|--|-------------------|----------------------|---------------------------------|-------------|------------------|
| ii | 40.66–40.7 MHz | 10 mW erp | _ | No | _ | |
| iii | 173.2– 173.35 MHz | 1 mW erp | 12.5 kHz | No | | |
| iv | 173.2– 173.35 MHz | 1 mW erp | 25 kHz | No | _ | |
| v | 173.5875, 173.6 MHz | 10 mW erp | 12.5 kHz | Yes | _ | |
| vi | 417.9– 418.1 MHz | $250~\mu W~erp$ | _ | No | _ | |
| vii | 433.05– 434.79 MHz | 10 mW erp | _ | No | ≤ 10% | |
| viii | 868–868.6 MHz | 25 mW erp | ≤25 kHz | No | ≤ 1% | |
| ix | 868.7– 869.2 MHz | 25 mW erp | ≤25 kHz | No | ≤ 0.1% | |
| X | 869.3– 869.4 MHz | 10 mW erp | ≤ 25 kHz | No | ≤ 10% | |
| xi | 869.4– 869.65 MHz | 500 mW erp | ≤ 25 kHz | No | ≤ 10% | |
| xii | 869.7–870 MHz | 5 mW erp | ≤25 kHz | No | up to 100 % | |
| xiii | 2400– 2483.5 MHz | 10 mW eirp | ≤ 20 MHz | Yes | _ | I-ETS 300 440 |

Telemetry and Telecommand: Industrial/Commercial

- 3. Wireless telegraphy 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 i, channel numbers 1 and 3 to 11 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth × channel number);
 - (c) in category ii, channel numbers 1 to 5 are available with a channel centre frequency of 173.2 MHz + (channel bandwidth × 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 × 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 × channel number)–

| Category | Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|-------------------|----------------------|---------------------------------|------------------|
| i | 173.2–173.35 MHz | 10 mW erp | 12.5 kHz | No | EN 300 220-1 |
| ii | 173.2–173.35 MHz | 10 mW erp | 25 kHz | 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 |

Telemetry: Databuoys

4. Wireless telegraphy 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 band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|---|----------------|----------------------|---------------------------|---------------|
| 35.3375, 35.3625, 35.3875, 35.4125, 35.4375, 35.4625 MHz | 250 mW erp | 25 kHz | No | EN 300 220-1 |

Medical and Biological Applications

- 5. Wireless telegraphy 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 × channel number);
 - (c) in category iii, channel numbers 1 to 11 are available with channel centre frequency of 173.7 MHz + (channel bandwidth × 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 to 47 are available with channel centre frequency of 458.5 MHz + (channel bandwidth × 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 × 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 bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|--------------------|----------------------|---------------------------------|------------------|
| i | 300 kHz-30 MHz | 9 dBμA/m @ 10 m | _ | No | EN 300 330 |
| ii | 173.7–174 MHz | 10 mW erp | 12.5 kHz | No | EN 300 220-1 |
| 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 μW erp | 300 kHz | No | |
| vi | 458.9625– 459.1000 MHz | 10 mW erp | 12.5 kHz | No | |
| vii | 458.9625– 459.1000 MHz | 500 mW 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 | |

Radio Local Area Networks

- 6. Wireless telegraphy apparatus designed or adapted—
 - (a) for the provision of short range data links, 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 and subject to the following sub-paragraphs;
 - (b) in category i, prescribed apparatus using frequencies relating to direct sequence spread spectrum modulation are limited to a maximum spectrum power density of −20 dBW/1 MHz without exceeding the eirp value. For frequency hopping spread spectrum, the maximum spectrum power density is limited to −10 dBW/100 kHz without exceeding the eirp value;
 - (c) analogue speech is not permitted-

| Category | Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|----------|--|-------------------|----------------------|---------------------------------|------------|------------------|
| i | 2400– 2483.5 MHz | 100 mW eirp | _ | _ | _ | ETS 300 328 |
| ii | 5150-5250 MHz | 1 W eirp | _ | _ | _ | ETS 300 836–1 |
| iii | 5250–5300 MHz | 1 W eirp | _ | _ | _ | |

Short Range Indoor Data Links

- 7. Wireless telegraphy apparatus designed or adapted-
 - (a) for the provision of short range data links, 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-paragraph;
 - (b) analogue speech is not permitted-

| Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 2445–2455 MHz | 100 mW eirp | _ | Yes | I-ETS 300 440 |
| 10.675–10.699 GHz | 1 W eirp | _ | Yes | |

Railway Applications

8. Wireless telegraphy apparatus designed or adapted for the purpose of railway vehicle identification or for the provision of short range data links between the track and railway vehicles, 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—

| Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|---|-------------------------|-------------------------|---------------------------------|------------|------------------|
| 27.095 MHz | 42 dBμA/m @ 10 m | Fo \pm <5 kHz | No | _ | EN 300 330 |
| | 5 dBμA/m @ 10 m | Fo \pm (5 to 200) kHz | No | _ | |
| | $-1~dB\mu A/m$ @ $10~m$ | $Fo \pm < 500$ kHz | No | _ | |
| 2447, 2448.5, 2450, 2451.5, or 2453 MHz | 500 mW eirp | ≤ 1.5 MHz | No | _ | EN 300 761 |

Devices for the Detection of Avalanche Victims

9. Wireless telegraphy apparatus designed or adapted for the transmission of signals to aid in the locating of victims in distress or at risk, so as to be capable of producing a continuous wave only on either 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 | Music or speech permitted | Duty cycle | ETSI standard |
|-------------------------------|---------------------|---------------------------|------------|---------------|
| 2275 kHz | 42 dBμA/m @ 10 m | No | up to 100% | ETS 300 718 |
| 457 kHz | 42 dBμA/m @ 10 m | No | up to 100% | |

Equipment for the Detection of Movement or Alert

- 10. Wireless telegraphy apparatus designed or adapted to-
 - (a) produce a radiated field and respond to a variation in that field as a result of any instrusion or movement within that field by other devices, objects or persons 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: equipment cannot be type approved for use in this band after 31st December 1998;
 - (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 bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|-------------------|----------------------|---------------------------------|------------------|
| i | 888.0–889.0 MHz | 500 mW erp | 25 kHz | No | _ |
| ii | 2445–2455 MHz | 500 mW eirp | _ | No | I-ETS 300 440 |
| 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

- **11.** Wireless telegraphy 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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|----------|--|-------------------|----------------------|---------------------------------|------------|------------------|
| i | 5795–5805 MHz | ≤2 W eirp | _ | No | _ | EN 300 674 |
| ii | 5805–5815 MHz | ≤2 W eirp | _ | No | _ | |
| iii | 5805–5815 MHz | ≤2 W eirp | _ | No | _ | I-ETS 300 440 |

(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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|-------------------------------|------------------------|----------------------|---------------------------------|------------|------------------|
| 76–77 GHz | ≤ 55 dBm peak power | _ | No | _ | EN 301 091 |

Inductive Applications

- 12. 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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|-------------------------------|---|----------------------|---------------------------------|------------|------------------|
| 9–30 kHz | 72 dBμA/m @ 10 m | _ | No | _ | EN 300 330 |
| 9–185 kHz | $\begin{array}{c} 48~dB\mu A/m @ \\ 10~m \end{array}$ | _ | Yes (music not permitted) | | |
| 30–59.75 kHz | 72 dBμA/m descending | _ | No | _ | |

| Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|-------------------------------|---|----------------------|---------------------------------|------------|------------------|
| | 3.5 dB/octave above 30 kHz | | | | |
| 59.75–60.25 kHz | $42 \text{ dB}\mu\text{A/m}$ | _ | No | _ | |
| 60.25–70 kHz | 72 dBμA/m descending 3.5 dB/octave above 30 kHz | _ | No | _ | |
| 70–119 kHz | $\begin{array}{c} 42~dB\mu A/m @ \\ 10~m \end{array}$ | _ | No | _ | |
| 119–135 kHz | 72 dBμA/m descending 3.5 dB/octave above 30 kHz | _ | No | _ | |
| 240–315 kHz | $\begin{array}{c} 24~dB\mu A/m @ \\ 10~m \end{array}$ | _ | 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 | $42~dB\mu A/m$ @ $10~m$ | _ | No | _ | |
| 7.4–8.8 MHz | 9 dBμA/m @ 10 m | _ | No | _ | |
| 13.533–13.587 MHz | $\begin{array}{c} 21.5 \; dB \mu A/m \\ @ \; 10 \; m \end{array}$ | _ | No | _ | |
| 13.553–13.567 MHz | $42~dB\mu A/m$ @ $10~m$ | _ | No | _ | |
| 26.957–27.283 MHz | 42 dBμA/m @ 10 m | _ | No | _ | |

Metal Detectors

- 13. 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 bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|--------------------|----------------------|---------------------------|---------------|
| 9–148.5 kHz | 70 dBμA/m @ 6 m | _ | No | EN 300 330 |

Alarms

- 14. Wireless telegraphy 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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|-------------------------------|-------------------|----------------------|---------------------------------|------------|------------------|
| 868.6–868.7 MHz | 10 mW erp | ≤25 kHz | No | ≤ 0.1% | EN 300 220-1 |
| 869.250–869.3 MHz | 10 mW erp | ≤25 kHz | No | ≤ 0.1% | |
| 869.65–869.7 MHz | 25 mW erp | ≤ 25 kHz | No | ≤ 10% | |

Social Alarms: For the elderly and infirm

- 15. Wireless telegraphy 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 bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|---|-------------------|----------------------|---------------------------------|------------|------------------|
| 27.450, 34.925, 34.950, 34.975 MHz | 500 μW erp | 12.5 kHz | No | _ | EN 300 220-1 |
| 869.2–869.25 MHz | 10 mW erp | ≤25 kHz | No | ≤ 0.1% | |

Alarms: Vehicle paging

16. Wireless telegraphy 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 mW-

| Category | Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|-------------------|----------------------|---------------------------------|------------------|
| i | 47.4 MHz | 100 mW erp | 12.5 kHz | No | EN 300 220-1 |
| ii | 458.90 MHz | 100 mW erp | 12.5 kHz | No | |

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

- 17. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 161.275 MHz | 10 mW erp | 12.5 kHz | No | EN 300 220-1 |

Alarms: Mobile and transportable and lone worker safety

- 18. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 173.1875 MHz | 10 mW erp | 12.5 kHz | No | EN 300 220-1 |
| 458.8375 MHz | 100 mW erp | 12.5 kHz | No | |

Alarms: Fixed

- 19. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 173.225 MHz | 10 mW erp | 12.5 kHz | No | EN 300 220-1 |
| 173.225 MHz | 10 mW erp | 25 kHz | No | |
| 458.825 MHz | 100 mW erp | 12.5 kHz | No | |

Model Control

- 20. Wireless telegraphy apparatus designed or adapted-
 - (a) in categories i and v, for Telecommand to control the movement of models 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 bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|-------------------|----------------------|---------------------------------|------------------|
| i | 26.96–27.28 MHz | 100 mW | 10 kHz | No | EN 300 220-1 |
| ii | 34.995–35.255 MHz | 100 mW | 10 kHz | No | |
| iii | 40.66–41.00 MHz | 100 mW | 10 kHz | No | |
| iv | 433.05–434.79 MHz | 10 mW | 25 kHz | No | |
| v | 458.5–459.5 MHz | 100 mW | 25 kHz | No | |

Radio Microphones

21. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------------|----------------|----------------------|---------------------------|---------------|
| 174.6, 174.675, 174.77, 174.885, | 5 mW erp | 50 kHz | Yes | I-ETS 300 422 |
| 174.77, 174.883, 175.02 MHz | | | | |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|---|----------------|----------------------|---------------------------|---------------|
| 173.8, 174.1, 174.5, 174.8, 175.0 MHz | 2 mW erp | 180 kHz | Yes | |
| 863–865 MHz | 10 mW erp | \leq 200 kHz | Yes | |

Radio Hearing Aids

- 22. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|----------|---|-------------------|----------------------|---------------------------------|------------------|
| i | 173.35, 173.4, 173.465, 173.545, 173.64 MHz | 2 mW erp | 50 kHz | Yes | I-ETS 300 422 |
| 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

- 23. Wireless telegraphy apparatus designed or adapted—
 - (a) for Telephony, 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-

| Category | Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | Duty cycle | ETSI standard |
|----------|--|-------------------|----------------------|---------------------------------|------------|------------------|
| i | 36.61– 36.79 MHz | 10 μW erp | _ | Yes | _ | EN 300 220-1 |
| | 37.01– 37.19 MHz | | | | | |
| ii | 863–865 MHz | 10 mW erp | ≤ 300 kHz | Yes | _ | EN 301 357 |
| iii | 863–865 MHz | 2 mW erp | ≤ 300 kHz | Yes | _ | |
| iv | 863–865 MHz | 1 mW erp | ≤ 300 kHz | Yes | _ | |

Video: Close Circuit Television

- 24. Wireless telegraphy 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 bandwidth | Music or speech permitted | ETSI standard |
|----------|-------------------------------------|-------------------|----------------------|---------------------------------|------------------|
| i | 1394 MHz | 500 mW eirp | 10 MHz | Yes | I-ETS 300 440 |
| ii | 2400–2483.5 MHz | 10 mW eirp | 20 MHz | Yes | |

Video Distribution For Private Use

25. Wireless telegraphy apparatus designed or adapted-

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

- (a) for Television, 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-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-

| Frequencies or frequency band | Radiated level | Channel bandwidth | Music or speech permitted | ETSI standard |
|-------------------------------|----------------|----------------------|---------------------------|---------------|
| 1394 MHz | 10 mW eirp | 10 MHz | Yes | I-ETS 300 440 |