

Radiocommunications (Maritime Licensing) Amendment Instrument 2024 (No. 1)

The Australian Communications and Media Authority makes the following instrument under subsections 110A(2) and 132(1) of the *Radiocommunications Act 1992*.

Dated:

Member

Member/General Manager

Australian Communications and Media Authority

1 Name

This is the *Radiocommunications (Maritime Licensing) Amendment Instrument 2024 (No. 1)*.

2 Commencement

This instrument commences on the day after the day it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at [www.legislation.gov.au](http://www.legislation.gov.au).

3 Authority

This instrument is made under subsections 110A(2) and 132(1) of the *Radiocommunications Act 1992.*

4 Amendments – *Radiocommunications Licence Conditions (Maritime Coast Licence) Determination 2015*

The instrument that is specified in Schedule 1 to this instrument is amended as set out in the applicable items in that Schedule.

5 Amendments – *Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015*

The instrument that is specified in Schedule 2 to this instrument is amended as set out in the applicable items in that Schedule.

6 Amendments – *Radiocommunications (Maritime Ship Station – 27 MHz and VHF) Class Licence 2015*

The instrument that is specified in Schedule 3 to this instrument is amended as set out in the applicable items in that Schedule.

Schedule 1—Amendments – *Radiocommunications Licence Conditions (Maritime Coast Licence) Determination 2015*

(section 4)

Radiocommunications Licence Conditions (Maritime Coast Licence) Determination 2015 (F2015L01283)

1 Subsection 1.4(1) (note)

Insert:

* ship station Class B non-assigned
* VHF Data Exchange System (VDES)

2 After section 6.14

Insert:

**6.15 VHF Data Exchange System (VDES) – ship station Class B non assigned**

If a licensee operates a ship station Class B non assigned for VHF Data Exchange System (VDES) communications, the licensee must operate the station:

(a) subject to item 1 of Schedule 9 – on a frequency mentioned in column 2 of an item in Schedule 9; and

(b) using a transmitter output power not exceeding the power mentioned in column 3 of the item.

3 At the end of Schedule 8

Add:

**Schedule 9** **VHF Data Exchange System (VDES)**

(section 6.15)

Note: A frequency mentioned in column 2 of an item in this Schedule applies to the sending of a transmission and the receipt of a transmission, unless the frequency is accompanied by the suffix ‘Tx’ (which refers only to the sending of a transmission) or ‘Rx’ (which refers only to the receipt of a transmission).

|  |  |  |
| --- | --- | --- |
| **Column 1** | **Column 2** | **Column 3** |
| **Item** | **Frequency band**  ***(Channel number)*** | **Maximum transmitter output power** |
| 1201 | 157.200 MHz Tx  161.800 MHz Rx  *(24)* | 25 watts pY |
| 1202 | 157.225 MHz Tx  161.825 MHz Rx  *(84)* | 25 watts pY |
| 1203 | 157.250 MHz Tx  161.850 MHz Rx  *(25)* | 25 watts pY |
| 1204 | 157.275 MHz Tx  161.875 MHz Rx  *(85)* | 25 watts pY |

**1 Use of channels**

A licensee may operate a radiocommunications device using more than one channel specified in column 2, so long as the channels used:

(a) have a contiguous bandwidth of:

(i) 50 kHz; or

(ii) 100 kHz; or

(iii) 150 kHz; and

(b) are two or more of the channels with the following channel numbers:

(i) channel 24;

(ii) channel 25;

(iii) channel 84;

(iv) channel 85.

Schedule 2—Amendments – *Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015*

(section 5)

Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015 (F2015L00288)

1 Subsection 1.3(1)

Insert:

***AMRD*** (short for autonomous maritime radio device) means a station in the maritime mobile service which is mobile, operates at sea and transmits independently of a maritime ship station or a maritime coast station, which may also be temporarily moored.

Note: The definition of AMRD is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

***AMRD Group A*** means AMRD that enhance the safety of navigation.

Note: The definition of AMRD Group A is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

***AMRD Group B*** means AMRD that do not enhance the safety of navigation (ARMD which deliver signals or information which do not concern the navigation of the vessel or do not complement vessel traffic safety in waterways).

Note: The definition of AMRD Group B is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

2 Subsection 1.3(1) (note to the definition of *DSC*)

Omit ‘selectivecall’, substitute ‘selective call’.

3 Subsection 1.3(1) (definition of *Enhanced Group Calling*)

Repeal the definition.

4 Subsection 1.3(1)

Insert:

***general transmission*** means a transmission for a purpose other than distress, urgency or safety.

5 Subsection 1.3(1) (definition of *Inmarsat*)

Repeal the definition.

6 Subsection 1.3(1)

Insert:

***recognised mobile-satellite service*** means a mobile-satellite service that is:

(a) recognised by the International Maritime Organization for use in the GMDSS; and

(b) operated in accordance with the Radio Regulations.

Note: The International Maritime Organization recognises mobile-satellite services for use in the GMDSS under the International Convention for the Safety of Life at Sea.

7 Subsection 1.3(1) (note)

Insert:

* GMDSS
* mobile-satellite service
* Radio Regulations
* VHF Data Exchange System (VDES)

8 Paragraph 2.8(a)

Before ‘on a frequency’ insert ‘subject to clause 12.1 of Part 12 of Schedule 2’.

9 Paragraph 3.14(a)

Before ‘on a frequency’ insert ‘subject to clause 12.1 of Part 12 of Schedule 2’.

10 Paragraph 5.12B(a)

Before ‘on a frequency’ insert ‘subject to clause 12.1 of Part 12 of Schedule 2’.

11 Schedule 2, Part 2, item 204

Repeal the item, substitute:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 204 | 156.525 MHz  *(70)* | 25 watts pY | MCS  Maritime ship stations  AMRD Group A | DSC | Distress, urgency, safety and calling  Safety of navigation |

12 Schedule 2, Part 2, items 212 to 215

Repeal the items, substitute:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 212 | 160.900  MHz  (2006) | 100mW EIRP | MCS  LCS  AMRD Group B | Radio-telephony  DSC  AIS | Reserved for experimental use for future applications |
| 213 | 160.900 MHz  (2006) | 100 mW EIRP | AMRD Group B | Radio-telephony | *The height of the antenna used by the transmitter must not exceed 1 m above the surface of the sea* |
| 214 | 161.975  MHz  (AIS-SART  AIS 1) | 12.5 watts  pY | Maritime ship stations  MCS  LCS  AMRD Group A | AIS | Locating and safety-related messaging  Safety of navigation |
| 215 | 162.025  MHz  (AIS-SART  AIS 2) | 12.5 watts  pY | Maritime ship stations  MCS  LCS  AMRD Group A | AIS | Locating and safety-related messaging  Safety of navigation |
| 216 | 1626.5 MHz–1646.5 MHz Tx  1530 MHz–1545 MHz Rx | Not applicable | Earth stations  Maritime ship stations | Provider of a recognised mobile-satellite service | Distress and safety communications for the GMDSS |
| 217 | 1621.35 MHz–1626.5 MHz | Not applicable | Earth stations  Maritime ship stations | Provider of a recognised mobile-satellite service | Distress and safety communications for the GMDSS |

13 Schedule 2, Part 3, item 350

Repeal the item, substitute:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 350 | 1625.5 MHz–1647.5 MHz Tx  1525.0 MHz–1545.0 MHz Rx | Terminal type C: 12 dBW EIRP | Terminal type C: 12 dBW EIRP | Earth stations | *General radiocommunication (The licensee must give priority to the reception of distress, urgency and safety messages over public correspondence)* |

14 Schedule 2, Part 3, item 356

Repeal the item.

15 Schedule 2, Part 12

Repeal the table, substitute:

| **Column 1**  **Item** | **Column 2**  **Frequency band**  ***(Channel number)*** | **Column 3**  **Maximum transmitter output power** | **Column 4**  **Purpose**  ***(Limitations)*** |
| --- | --- | --- | --- |
| 1201 | 157.200 MHz Tx 161.800 MHz Rx  *(24)* | 25 watts pY |  |
| 1202 | 157.225 MHz Tx  161.825 MHz Rx  *(84)* | 25 watts pY |  |
| 1203 | 157.250 MHz Tx  161.850 MHz Rx  *(25)* | 25 watts pY |  |
| 1204 | 157.275 MHz Tx  161.875 MHz Rx  *(85)* | 25 watts pY |  |
| 1205 | 157.300 MHz  *(1026)* | 25 watts pY |  |
| 1206 | 157.325 MHz  *(1086)* | 25 watts pY |  |
| 1207 | 161.900 MHz  *(2026)* | 25 watts pY |  |
| 1208 | 161.925 MHz  *(2086)* | 25 watts pY |  |
| 1209 | 157.300 MHz  *(1026)* | 25 watts pY | *The station must be used for ship-to-satellite or satellite-to-ship communications.*  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications.* |
| 1210 | 157.325 MHz  *(1086)* | 25 watts pY | *The station must be used for ship-to-satellite or satellite-to-ship communications.*  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications.* |
| 1211 | 161.900 MHz  *(2026)* | 25 watts pY | *The station must be used for ship-to-satellite or satellite-to-ship communications.*  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications.* |
| 1212 | 161.925 MHz  *(2086)* | 25 watts pY | *The station must be used for ship-to-satellite or satellite-to-ship communications.*  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications.* |

16 Schedule 2, Part 12

After the table, insert

**12.1 Use of channels**

(1) A licensee may operate a radiocommunications device using more than one channel specified in column 1, so long as the channels used:

(a) have a contiguous bandwidth of:

(i) 50 kHz; or

(ii) 100 kHz; or

(iii) 150 kHz; and

(b) are two or more of the channels with the following channel numbers:

(i) channel 24;

(ii) channel 25;

(iii) channel 84;

(iv) channel 85;

(v) channel 1026;

(vi) channel 1086;

(vii) channel 2026; and

(viii) channel 2086.

17 Schedule 3, item 4

Omit ‘The watch must be kept using Enhanced Group Calling over the Inmarsat C system’.

Schedule 3—Amendments – *Radiocommunications (Maritime Ship Station – 27 MHz and VHF) Class Licence 2015*

(section 6)

Radiocommunications (Maritime Ship Station – 27 MHz and VHF) Class Licence 2015 (F2015L01197)

1 Subsection 4(1)

Insert:

***AMRD*** (short for autonomous maritime radio device) means a station in the maritime mobile service which is mobile, operates at sea and transmits independently of a maritime ship station or a maritime coast station, which may also be temporarily moored.

Note: The definition of AMRD is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

***AMRD Group A*** means AMRD that enhance the safety of navigation.

Note: The definition of AMRD Group A is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

***AMRD Group B*** means AMRD that do not enhance the safety of navigation (ARMD which deliver signals or information which do not concern the navigation of the vessel or do not complement vessel traffic safety in waterways).

Note: The definition of AMRD Group B is taken from the International Telecommunication Union’s Radiocommunication Sector’s Recommendation ITU-R M.2135-1. Recommendation ITU-R M2135-1 is available, free of charge, from the International Telecommunication Union’s website at [www.itu.int](http://www.itu.int).

2 Paragraphs 20(a) and (b)

Repeal the paragraphs, substitute:

(a) subject to item 2.11.1 of Schedule 2 – on a frequency mentioned in column 2 of an item in Part 2.11 of Schedule 2; and

(b) using a transmitter output power not exceeding the power mentioned in column 3 of the item (if any); and

(c) for a purpose mentioned in column 4 of the item (if any); and

(d) in accordance with the limitations mentioned in italics in column 4 of the item (if any).

3 Schedule 2, Part 2.2, item 4

Repeal the item, substitute:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | 156.375 MHz  *(67)* | 25 watts pY | MCS  LCS  Maritime ship stations | Distress, urgency and safety  Supplementary to 156.800 MHz |
| 4A | 156.525 MHz  *(70)* | 25 watts pY | MCS  LCS  Maritime ship stations  AMRD Group A | Digital selective calling for distress, safety and calling |

4 Schedule 2, Part 2.2, after item 12

Insert:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 12A | 160.900 MHz  *(2006)* | 100mW EIRP | AMRD Group B  AIS | *The height of the antenna used by the transmitter must not exceed 1 m above the surface of the sea* |

5 Schedule 2, Part 2.2, item 13 (column 4)

After ‘AIS’, insert ‘ARMD Group A’.

6 Schedule 2, Part 2.2, item 14 (column 4)

After ‘AIS’, insert ‘ARMD Group A’.

7 Schedule 2, Part 2.2, item 15

Repeal the item, substitute:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 15 | 1626.5 MHz-1646.5 MHz Tx  1530 MHz-1545 MHz Rx | Not applicable | Earth stations  Maritime ship stations | Distress and safety communications for the GMDSS |
| 16 | 1621.35 MHz-1626.5 MHz | Not applicable | Earth stations  Maritime ship stations | Distress and safety communications for the GMDSS |

8 Schedule 2, Part 2.11

Repeal the table (including the text at the end of the table), substitute:

| **Column 1**  **Item** | **Column 2**  **Frequency band**  ***(Channel number)*** | **Column 3**  **Maximum transmitter output power** | **Column 4**  **Purpose**  ***(Limitations)*** |
| --- | --- | --- | --- |
| 1 | 157.200 MHz Tx 161.800 MHz Rx  *(24)* | 25 watts pY |  |
| 2 | 157.225 MHz Tx  161.825 MHz Rx  *(84)* | 25 watts pY |  |
| 3 | 157.250 MHz Tx  161.850 MHz Rx  *(25)* | 25 watts pY |  |
| 4 | 157.275 MHz Tx  161.875 MHz Rx  *(85)* | 25 watts pY |  |
| 5 | 157.300 MHz Tx  161.900 MHz Rx  *(26)* | 25 watts pY |  |
| 6 | 157.325 MHz Tx  161.925 MHz Rx  *(86)* | 25 watts pY |  |
| 7 | 157.200 MHz  *(1024)* | 25 watts pY | Ship-to-shore, shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any ship-to-shore, shore-to-ship or ship-to-ship communications* |
| 8 | 157.225 MHz  *(1084)* | 25 watts pY | Ship-to-shore, shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any ship-to-shore, shore-to-ship or ship-to-ship communications* |
| 9 | 157.250 MHz  *(1025)* | 25 watts pY | Ship-to-shore, shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any ship-to-shore, shore-to-ship or ship-to-ship communications* |
| 10 | 157.275 MHz  *(1085)* | 25 watts pY | Ship-to-shore, shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any ship-to-shore, shore-to-ship or ship-to-ship communications* |
| 11 | 161.800 MHz  *(2024)* | 25 watts pY | Shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any shore-to-ship or ship-to-ship communications* |
| 12 | 161.825 MHz  *(2084)* | 25 watts pY | Shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any shore-to-ship or ship-to-ship communications* |
| 13 | 161.850 MHz  *(2025)* | 25 watts pY | Shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any shore-to-ship or ship-to-ship communications* |
| 14 | 161.875 MHz  *(2085)* | 25 watts pY | Shore-to-ship and ship-to-ship communications  Ship-to-satellite and satellite-to-ship communications  *If the station is used for ship-to-satellite or satellite-to-ship communications, the communications must not interfere with or affect any shore-to-ship or ship-to-ship communications* |
| 15 | 157.300 MHz  *(1026)* | 25 watts pY | Ship-to-satellite and satellite-to-ship communications  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications* |
| 16 | 157.325 MHz  *(1086)* | 25 watts pY | Ship-to-satellite and satellite-to-ship communications  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications* |
| 17 | 161.900 MHz  *(2026)* | 25 watts pY | Ship-to-satellite and satellite-to-ship communications  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications* |
| 18 | 161.925 MHz  *(2086)* | 25 watts pY | Ship-to-satellite and satellite-to-ship communications  *The station must not be used for a terrestrial transmission for VHF Data Exchange System (VDES) communications* |

**2.11.1 Use of channels**

A person may operate a radiocommunications device using more than one channel specified in column 1, so long as the channels used:

(a) have a contiguous bandwidth of:

(i) 50 kHz; or

(ii) 100 kHz; or

(iii) 150 kHz; and

(b) are two or more of the channels with the following channel numbers:

(i) channel 24;

(ii) channel 25;

(iii) channel 26;

(iv) channel 84;

(v) channel 85;

(vi) channel 86;

(vii) channel 1024;

(viii) channel 1025

(ix) channel 1026;

(x) channel 1084;

(xi) channel 1085;

(xii) channel 1086;

(xiii) channel 2024;

(xiv) channel 2025;

(xv) channel 2026;

(xvi) channel 2084;

(xvii) channel 2086.