

Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015

Radiocommunications Act 1992

The Australian Communications and Media Authority makes this Determination under paragraph 107(1)(f) of the *Radiocommunications Act 1992.*

Dated *6th March 2015*

*Chris Chapman*   
[signed]  
Member

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Member/~~General Manager~~

Australian Communications and Media Authority

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Part 1 Preliminary

1.1 Name of Determination

This Determination is the *Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015*.

1.2 Commencement

This Determination commences on the day after it is registered.

Note: All legislative instruments must be registered on the Federal Register of Legislative Instruments required to be maintained under the *Legislative Instruments Act 2003*.

1.2A Revocation

The *Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2002* [F2005B00085] is revoked.

1.3 Definitions

(1) In this Determination, unless the contrary intention appears:

***Act*** means the *Radiocommunications Act 1992*.

***ACMA*** means the Australian Communications and Media Authority.

***AMSA*** means the Australian Maritime Safety Authority.

***Australian territorial sea*** means the sea within the limits of the territorial sea declared by the Governor-General under section 7 of the *Seas and Submerged Lands Act 1973.*

***calling*** means operating a maritime ship station to establish contact with another station.

***commercial operations*** means the activities of commercial vessels (other than professional fishing operations and port operations).

***distress***, in relation to a transmission, means that a mobile unit, or a person, is threatened by grave and imminent danger and requires immediate assistance.

***DSC*** (also known as ***digital selective calling***) means a digital system of communications used for the following purposes:

(a) transmitting distress alerts from ships;

(b) transmitting acknowledgments of distress alerts from shore stations;

(c) relaying distress alerts;

(d) transmitting alerts prior to the broadcast of urgency and safety messages.

Note: The transmission of a distress alert indicates that a ship is threatened by grave and imminent danger, and is requesting immediate assistance. A distress alert is a digital selective

call, using a distress call format, that provides the identification of the station in distress and its position.

***Enhanced Group Calling***– means a calling system used to broadcast maritime safety information and public correspondence via the Inmarsat satellite system.

***GMDSS certificate*** means a Global Maritime Distress Safety System (GMDSS) certificate issued by AMSA under the *Navigation Act 2012.*

***Inmarsat*** means Inmarsat plc (formerly the International Maritime Satellite Organisation).

***inshore boating radio service*** means a maritime mobile service between a limited coast station, and a maritime ship station operating in inshore waters or inland waterways.

***inshore boating radio service organisation*** means an organisation formed for the purpose of using inshore boating radio services.

***ITU*** means the International Telecommunication Union.

***ITU Radio Regulations*** means the document published by the ITU and titled ‘Radio Regulations’ as existing from time to time.

Note*:* The ITU Radio Regulations can be accessed at: [www.itu.int](http://www.itu.int).

***LCMRS*** means limited coast maritime rescue station.

***licence*** means:

(a) a maritime ship licence (ship station Class B assigned); or

(b) a maritime ship licence (ship station Class B non assigned); or

(c) a maritime ship licence (ship station Class C assigned); or

(d) a maritime ship licence (ship station Class C non assigned).

***licensee*** means the holder of a licence, and includes any person authorised by the licensee to operate a station under the licence.

***limited coast station (LCS)*** means any of the following stations:

(a) a maritime coast station operating as part of a limited coast assigned system;

(b) a limited coast non assigned station;

(c) a LCMRS.

***maritime ship licence (ship station Class B assigned)*** means a maritime ship licence authorising the holder to operate a ship station Class B assigned.

***maritime ship licence (ship station Class B non assigned)*** means a maritime ship licence authorising the holder to operate a ship station Class B non assigned.

***maritime ship licence (ship station Class C assigned)*** means a maritime ship licence authorising the holder to operate a ship station Class C assigned.

***maritime ship licence (ship station Class C non assigned)*** means a maritime ship licence authorising the holder to operate a ship station Class C non assigned.

***MCS*** means a major coast station and includes Major Coast A Stations and Major Coast B Stations.

***mobile unit*** means a ship, aircraft or other vehicle.

***NBDP*** means narrow-band direct-printing, as defined in ITU Radio Regulation RR No. 51.41.

Note:ITU Radio Regulations can be accessed at: www.itu.int.

***non-commercial operations*** means maritime operations other than:

(a) commercial operations; and

(b) port operations; and

(c) professional fishing operations.

***port operations*** means activities relating to the operational handling, movement and navigation of ships in, or near, a port.

***professional fishing operations***, in relation to a station operated under a licence, means the licensee’s professional fishing activities.

***radiodetermination communications*** means communications:

(a) for determining 1 or more of the following:

(i) the position of an object;

(ii) the velocity of the object;

(iii) other characteristics of the object; or

(b) for obtaining information allowing a person to determine any of the matters mentioned in paragraph (a).

***safety***, in relation to a transmission, means the safety of navigation or providing an important meteorological warning.

***SAR*** means search and rescue.

***TOR*** means telex-on-radio.

***urgency*** means that urgent attention to the safety of a mobile unit, or a person, is required.

***working*** means operating a maritime ship station to exchange messages with another station.

Note: Unless the contrary intention appears, terms used in this Determination that are defined in the Act or in the *Radiocommunications (Interpretation) Determination 2015* (Interpretation Determination) have the same meaning as in the Act or Interpretation Determination. Examples of terms used in this Determination which are defined in the Interpretation Determination include:

* Automatic Indentification System (AIS)
* high frequency (HF)
* limited coast assigned system
* limited coast maritime rescue station
* limited coast non assigned station
* major coast A station
* major coast B station
* maritime coast station
* maritime mobile-satellite service
* maritime mobile service
* maritime ship station
* medium frequency (MF)
* public correspondence
* radiodetermination
* ship station Class B
* ship station Class B assigned
* ship station Class B non assigned
* ship station Class C
* ship station Class C assigned
* ship station Class C non assigned
* station
* ultra high frequency (UHF)
* very high frequency (VHF)

(2) Unless the contrary intention appears, terms used in this Determination that are defined in the ITU Radio Regulations have the same meaning as in those regulations.

Note: Terms defined in the ITU Radio Regulations include:

* coast earth station
* coast station
* radiotelegraphy
* radiotelephony
* ship earth station

(3) For this Determination, a frequency band described using 2 frequencies starts immediately above the lower frequency and ends at the higher frequency.

1.4 Structure of Determination

(1) Part 2 of this Determination sets out conditions that apply to the operation, under a licence, of the following stations:

(a) a ship station Class B assigned;

(b) a ship station Class B non assigned;

(c) a ship station Class C assigned;

(d) a ship station Class C non assigned.

(2) Part 3 of this Determination sets out additional conditions that apply to the operation, under a licence, of a maritime ship station Class B non assigned.

(3) Part 4 of this Determination sets out additional conditions that apply to the operation, under a licence, of a maritime ship station Class C assigned.

(4) Part 5 of this Determination sets out additional conditions that apply to the operation, under a licence, of a maritime ship station Class C non assigned.

(5) However, if a condition in this Determination is inconsistent with a condition specified in the licence, the condition specified in the licence applies.

Part 2 Conditions that apply to the operation of stations

2.1 Application of Part 2

(1) For paragraph 107(1)(f) of the Act, the operation, under a licence, of any of the following stations is subject to the conditions in this Part:

1. a ship station Class B assigned;
2. a ship station Class B non assigned;
3. a ship station Class C assigned;
4. a ship station Class C non assigned.

(2) The conditions in this Part are additional to the conditions in other Parts of this Determination.

2.2 Technical requirements

(1) A licensee must not operate a maritime ship station, or a transmitter or receiver forming part of a maritime ship station, unless the operation of the station, transmitter or receiver complies with subsections (2) and (3).

(2) The ship station, transmitter or receiver must comply with the requirements in any standard (***applicable standard***) specified in Part 1 of Schedule 1 that applies to it.

Note: This provision is not intended to limit the operation of paragraph 107(1)(d) of the Act, which provides that an apparatus licence is subject to a condition that any radiocommunications device operated under the licence must comply with all the standards applicable to it.

(3) The ship station, transmitter or receiver must comply with the requirements in any document (***applicable document***) specified in Part 2 of Schedule 1 that applies to it.

(4) If the ship station, transmitter or receiver complies with the applicable standard as in force at the time the ship station, transmitter or receiver is manufactured or imported, the station, transmitter or receiver meets the requirements of subsection (2).

(5) If the ship station, transmitter or receiver complies with the edition of the applicable document that is in force at the time the ship station, transmitter or receiver is manufactured or imported, the station, transmitter or receiver meets the requirements of subsection (3).

Note: A licensee must also comply with any applicable Marine Orders made by AMSA. – see [www.amsa.gov.au](http://www.amsa.gov.au).

2.3 Location of station

A maritime ship station must not be operated on land.

2.4 Qualified operator

(1) A person who operates a maritime ship station (except a ship station operating on 27 MHz maritime channels) must be, or must be under the supervision of:

(a) a qualified operator; or

(b) the holder of a GMDSS certificate; or

(c) a person holding qualifications recognised by AMSA as equivalent qualifications for the station.

(2) A person who operates a maritime ship station (except a ship station operating on 27 MHz maritime channels) on an MF or HF maritime frequency band must be, or must be under the supervision of:

(a) a qualified operator who holds at least 1 of the following certificates:

(i) a Restricted Radiotelephone Operator’s Certificate of Proficiency;

(ii) a Marine Radio Operator’s Certificate of Proficiency; or

(iii) a Long Range Operator’s Certificate of Proficiency; or

(b) the holder of a GMDSS certificate; or

(c) a person holding qualifications recognised by AMSA as equivalent qualifications for the station.

(3) A person who operates a maritime ship station (except a ship station operating on 27 MHz maritime channels) on a VHF maritime frequency band must be, or must be under the supervision of:

(a) a qualified operator who holds at least 1 of the following certificates:

(i) a Restricted Radiotelephone Operator’s Certificate of Proficiency;

(ii) a Marine Radio Operator’s Certificate of Proficiency;

(iii) a Marine Radio Operator’s VHF Certificate of Proficiency;

(iv) a Short Range Operator’s Certificate of Proficiency; or

(v) a Long Range Operator’s Certificate of Profiency; or

(b) the holder of a GMDSS certificate; or

(c) a person holding qualifications recognised by AMSA as equivalent qualifications for the station.

(4) For this section, a station is operated under the supervision of a person if the person is at the station when it is operated.

2.5 Operation outside Australia

(1) The licensee of a maritime ship station operating outside the Australian territorial sea must operate the station in accordance with:

(a) the Radio Regulations; and

(b) if the station is in the territorial sea of another country — the radiocommunications requirements of the country.

(2) If a maritime ship station is to be operated outside Australia on a frequency specified in the *Manual for use by the Maritime Mobile and Maritime Mobile-Satellite Services*, published by the ITU and as existing from time to time, the licensee must only operate the station to communicate with one of the following stations:

(a) a coast station operated in another country;

(b) a coast earth station operated in another country;

(c) a ship earth station;

(d) a ship station.

Note:The *Manual for use by the Maritime Mobile and Maritime Mobile-Satellite Services* is available at: [www.itu.int](http://www.itu.int).

2.6 Identification of stations

At the start of each transmission or series of transmissions, the licensee of a maritime ship station must transmit:

(a) the call sign allocated by the ACMA; or

(b) another form of identity that clearly identifies the station; or

(c) for a station using DSC or AIS facilities — the maritime mobile service identity allocated by AMSA.

2.7 Maritime ship stations and Automatic Identification System (AIS) frequencies

A person must operate a maritime ship station on the following frequencies only in accordance with Part 11 of Schedule 2:

(a) 161.975 MHz;

(b) 162.025 MHz.

Part 3 Additional conditions for the operation of ship stations Class B non assigned

3.1 Application of Part 3

(1) For paragraph 107(1)(f) of the Act, the operation, under a licence, of a ship station Class B non assigned is subject to the conditions in this Part.

(2) The conditions in this Part are additional to the conditions in Part 2.

3.2 Permitted communications

A licensee must operate a ship station Class B non assigned only:

(a) for any of the following operations or activities:

(i) distress, urgency, safety or calling;

(ii) public correspondence;

(iii) commercial operations;

(iv) non-commercial operations;

(v) port operations;

(vi) professional fishing operations;

(vii) radiodetermination communications;

(viii) on-board communications;

(ix) Automatic Indentification Systems purposes; and

(b) in accordance with the limitations in this Part about the operation or activity.

3.3 Distress, urgency, safety or calling — MF and HF communications

(1) If a licensee operates a ship station Class B non assigned on an MF or HF maritime frequency band for distress, urgency, safety or calling, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 1 of Schedule 2;

(b) using a transmitter output power not more than the power mentioned in column 3 of the item;

(c) to communicate with a station mentioned in column 5 of the item;

(d) with a facility mentioned in column 6 of the item;

(e) for a purpose mentioned in column 7 of the item; and

(f) in accordance with the limitations (if any) mentioned in italics in column 7 of the item.

(2) If a limitation mentioned in an item in Part 1 of Schedule 2 states that this subsection applies, the carrier frequency specified in column 2 of the item must not be used as a calling frequency.

3.4 Distress, urgency, safety or calling — VHF and UHF communications

If a licensee operates a ship station Class B non assigned on a VHF or UHF maritime frequency band for distress, urgency, safety or calling, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 2 of Schedule 2;

(b) using a transmitter output power not more than the power mentioned in column 3 of the item;

(c) to communicate with a station mentioned in column 4 of the item;

(d) with a facility mentioned in column 5 of the item;

(e) for a purpose mentioned in column 6 of the item; and

(f) in accordance with the limitations (if any) mentioned in italics in column 6 of the item.

3.5 Public correspondence by radiotelephony

If a licensee operates a ship station Class B non assigned for radiotelephony to transmit public correspondence, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 3 of Schedule 2;

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

(c) to communicate with a station mentioned in column 5 of the item;

(d) with a facility mentioned in column 6 of the item; and

(e) in accordance with the limitations (if any) mentioned in italics in column 6 of the item.

3.6 Public correspondence by radiotelegraphy using TOR or NBDP

If a licensee operates a ship station Class B non assigned to transmit public correspondence for radiotelegraphy, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 4 of Schedule 2;

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

(c) to communicate with a major coast station for the purpose of TOR or NBDP.

3.7 Commercial operations

If a licensee operates a ship station Class B non assigned for radiotelephony for commercial operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 5 of Schedule 2;

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

(c) to communicate with a station mentioned in column 4 of the item;

(d) for a purpose mentioned in column 5 of the item; and

(e) in accordance with the limitations (if any) mentioned in italics in column 5 of the item.

3.8 Non-commercial operations

If a licensee operates a ship station Class B non assigned for radiotelephony for non-commercial operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 6 of Schedule 2;

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

(c) to communicate with a station mentioned in column 4 of the item;

(d) for a purpose mentioned in column 5 of the item; and

(e) in accordance with the limitations (if any) mentioned in italics in column 5 of the item.

3.9 Port operations

If a licensee operates a ship station Class B non assigned for radiotelephony for port operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 7 of Schedule 2;

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

(c) to communicate with a station mentioned in column 4 of the item; and

(d) for a purpose mentioned in column 5 of the item.

3.10 Professional fishing operations

If a licensee operates a ship station Class B non assigned for radiotelephony for professional fishing operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 8 of Schedule 2;

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

(c) to communicate with a station mentioned in column 5 of the item; and

(d) for a purpose mentioned in column 6 of the item.

3.11 Radiodetermination communications

If a licensee operates a ship station Class B non assigned to transmit radiodetermination communications, the licensee must operate the station:

(a) on a frequency in a frequency band mentioned in column 2 of an item in Part 9 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

3.12 On-board communications

If a licensee operates a ship station Class B non assigned for on-board communications, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 10 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

3.13 Automatic Identification System (AIS) — ship station Class B non assigned

If a licensee operates a ship station Class B non assigned for Automatic Identification System (AIS) purposes, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 11 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

Part 4 Additional conditions for the operation of ship stations Class C assigned

4.1 Application of Part 4

(1) For paragraph 107(1)(f) of the Act, the operation, under a licence, of a ship station Class C assigned is subject to the conditions in this Part.

(2) The conditions in this Part are additional to the conditions in Part 2.

4.2 Maintaining watch

If a licensee operates a ship station Class C assigned on a type of ship mentioned in column 2 of an item in Schedule 3, the licensee must operate the station to maintain a listening watch in accordance with the requirements in columns 3 and 4 of the item.

4.3 Response to distress, urgency or safety messages and record keeping

(1) A licensee that operates a ship station Class C assigned that:

(a) receives a distress, urgency or safety message from another station; and

(b) does not immediately receive an indication that the message has been acknowledged,

must comply with subsections (2) and (3).

(2) The licensee must ensure, by the quickest and most effective means available, that:

(a) an acknowledgement of the message is directed to the other station; and

(b) the message is forwarded to:

(i) the station or SAR authority named in the message; or

(ii) if the message does not name a station or SAR authority — an appropriate station or SAR authority.

(3) The licensee must keep, for at least 2 years, a record of the following information relating to a message mentioned in subsection (1):

(a) the date and time of reception of the message;

(b) the identity of the other station;

(c) the frequency on which the message was received;

(d) the information in the message;

(e) the action taken by the licensee to comply with subsection (2).

Part 5 Additional conditions for operation of ship stations Class C non assigned

5.1 Application of Part 5

(1) For paragraph 107(1)(f) of the Act, the operation, under a licence, of a ship station Class C non assigned is subject to the conditions in this Part.

(2) The conditions in this Part are additional to the conditions in Part 2.

5.2 Permitted communications

A licensee must operate a ship station Class C non assigned only:

(a) for any of the following operations or activities:

(i) commercial operations by radiotelegraphy using Morse;

(ii) non-commercial operations;

(iii) distress, urgency, safety or calling;

(iv) public correspondence;

(v) port operations;

(vi) professional fishing operations;

(vii) radiodetermination communications;

(viii) on-board communications;

(xi) Automatic Indentification Systems purposes; and

(b) in accordance with the limitations in this Part about the operation or activity.

5.3 Commercial operations by radiotelegraphy using Morse

If a licensee operates a ship station Class C non assigned for radiotelegraphy using Morse for commercial operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 1 of Schedule 4;

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

(c) to communicate with a station mentioned in column 4 of the item;

(d) for a purpose mentioned in column 5 of the item; and

(e) in accordance with the limitations (if any) mentioned in italics in column 5 of the item.

5.4 Non-commercial operations

If a licensee operates a ship station Class C non assigned for radiotelephony for non-commercial operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 2 of Schedule 4;

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

(c) to communicate with a station mentioned in column 4 of the item; and

(d) for a purpose mentioned in column 5 of the item.

5.5 Distress, urgency, safety or calling — MF and HF communications

(1) If a licensee operates a ship station Class C non assigned on an MF or HF maritime frequency band for distress, urgency, safety or calling, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 1 of Schedule 2;

(b) using a transmitter output power not more than the power mentioned in column 4 of the item;

(c) to communicate with a station mentioned in column 5 of the item;

(d) with a facility mentioned in column 6 of the item;

(e) for a purpose mentioned in column 7 of the item; and

(f) in accordance with the limitations (if any) mentioned in italics in column 7 of the item.

(2) If a limitation mentioned in an item in Part 1 of Schedule 2 states that this subsection applies, the carrier frequency specified in column 2 of the item, must not be used as a calling frequency.

5.6 Distress, urgency, safety or calling — VHF and UHF communications

If a licensee operates a ship station Class C non assigned on a VHF or UHF maritime frequency band for distress, urgency, safety or calling, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 2 of Schedule 2;

(b) using a transmitter output power not more than the power mentioned in column 3 of the item;

(c) to communicate with a station mentioned in column 4 of the item;

(d) with a facility mentioned in column 5 of the item;

(e) for a purpose mentioned in column 6 of the item; and

(f) in accordance with the limitations (if any) mentioned in italics in column 6 of the item.

5.7 Public correspondence by radiotelephony

If a licensee operates a ship station Class C non assigned for radiotelephony to transmit public correspondence, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 3 of Schedule 2;

(b) using a transmitter output power not exceeding the power mentioned in column 4 of the item;

(c) to communicate with a station mentioned in column 5 of the item;

(d) with a facility mentioned in column 6 of the item; and

(e) in accordance with the limitations (if any) mentioned in italics in column 6 of the item.

5.8 Public correspondence by radiotelegraphy using TOR or NBDP

If a licensee operates a ship station Class C non assigned to transmit public correspondence for radiotelegraphy, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 4 of Schedule 2;

(b) using a transmitter output power not exceeding the power mentioned in column 4 of the item; and

(c) to communicate with a major coast station for the purpose of NBDP or TOR.

5.9 Port operations

If a licensee operates a ship station Class C non assigned for radiotelephony for port operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 7 of Schedule 2;

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

(c) to communicate with a station mentioned in column 4 of the item; and

(d) for a purpose mentioned in column 5 of the item.

5.10 Professional fishing operations

If a licensee operates a ship station Class C non assigned for radiotelephony for professional fishing operations, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 8 of Schedule 2;

(b) using a transmitter output power not exceeding the power mentioned in column 4 of the item;

(c) to communicate with a station mentioned in column 5 of the item; and

(d) for a purpose mentioned in column 6 of the item.

5.11 Radiodetermination communications

If a licensee operates a ship station Class C non assigned to transmit radiodetermination communications, the licensee must operate the station:

(a) on a frequency in a frequency band, mentioned in column 2 of an item in Part 9 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

5.12 On-board communications

If a licensee operates a ship station Class C non assigned for on-board communications, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 10 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

5.12A Automatic Identification System (AIS) — ship station Class C non assigned

If a licensee operates a ship station Class C non assigned for Automatic Identification System (AIS) purposes, the licensee must operate the station:

(a) on a frequency mentioned in column 2 of an item in Part 11 of Schedule 2;

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

(c) for a purpose mentioned in column 4 of the item.

5.13 Maintaining watch

If a licensee operates a ship station Class C non assigned on a type of ship mentioned in column 2 of an item in Schedule 3, the licensee must operate the station to maintain a listening watch in accordance with the requirements in columns 3 and 4 of the item.

5.14 Response to distress, urgency or safety messages and record keeping

(1) A licensee that operates a ship station Class C non assigned that:

(a) receives a distress, urgency or safety message from another station; and

(b) does not immediately receive an indication that the message has been acknowledged,

must comply with subsections (2) and (3).

(2) The licensee must ensure, by the quickest and most effective means available, that:

(a) an acknowledgement of the message is directed to the other station; and

(b) the message is forwarded to:

(i) the station or SAR authority named in the message; or

(ii) if the message does not name a station or SAR authority — an appropriate station or SAR authority.

(3) The licensee must keep, for at least 2 years, a record of the following information relating to a message mentioned in subsection (1):

(a) the date and time of reception of the message;

(b) the identity of the other station;

(c) the frequency on which the message was received;

(d) the information in the message;

(e) the action taken by the licensee to comply with subsection (2).

Part 6 Transitional and savings – maritime ship station manufactured or imported before commencement day

**6.1 Definitions**

In this Part:

***commencement day*** means the day specified in section 1.2.

***former determination*** means the *Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2002.*

* 1. **Effect despite revocation**

This Part has effect despite the revocation of the former determination*.*

**6.3 Application**

This Part only applies to maritime ship stations manufactured in, or imported into, Australia before the commencement day.

**6.4 Deemed compliance with section 2.2**

A licensee who operates a maritime ship station to which this Part applies is taken to comply with section 2.2 of this Determination, if the licensee is in compliance with section 2.2 of the former determinationas in force immediately before the commencement day.

**Schedule 1 Specified standards and documents**

(section 2.2)

**Part 1 Standards**

For section 2.2, the following standards are specified:

*Radiocommunications (Devices Used in the Inshore Boating Radio Services Band) Standard 2008*;

*Radiocommunications (MF and HF Radiotelephone Equipment - International Maritime Mobile Service) Standard 2014*; and

*Radiocommunications (VHF Radiotelephone Equipment – Maritime Mobile Service) Standard 2014*.

**Part 2 Documents**

For section 2.2, the following documents are specified:

*IEC 61993-2, Edition 2, Maritime navigation and radiocommunication equipment and systems – Automatic identification systems – Part 2: Class A shipborne equipment of the automatic identification system (AIS) – Operational and performance requirements, methods of test and required test results*, published by the International Electrotechnical Commission, as existing from time to time;

IEC 62287.1, *Edition 2,* Maritime navigation and radiocommunication equipment and systems—Class B shipborne equipment of the automatic identification system (AIS) Part 1: Carrier-sense time division multiple access (CSTDMA) techniques, published by the International Electrotechnical Commission, as existing from time to time; and

IEC 62287.2, Edition 1, Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 2: Self-organising time division multiple access (SOTDMA) techniques, published by the International Electrotechnical Commission, as existing from time to time.

Note: Documents made or published by the International Electrotechnical Commission are available at http://www.iec.ch.

Schedule 2 Operating requirements for maritime ship stations Class B non assigned and Class C non assigned

(sections 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.13, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12 and 5.12A)

Note 1: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).

Note 2: The frequencies in Part 1 of this Schedule are to be used until 31 December 2016, as prescribed in Annex 1 to Appendix 17 (REV. WRC-12) of the ITU Radio Regulations. From 1 January 2017, Annex 2 to Appendix 17 (REV. WRC-12) of the ITU Radio Regulations comes into force.

Part 1 MF and HF communications for distress, urgency, safety or calling

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power (ship station Class B non assigned) | Maximum transmitter output power (ship station Class C non assigned) | Stations with which licensee may communicate | Operational facility | Purpose  *(Limitations)* |
| --- | --- | --- | --- | --- | --- | --- |
| **MF** | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 101 | 2112 kHz | 400 watts pX | 1 500 watts pX | LCS  Maritime ship stations | Radio-telephony | Safety of vessels and persons |
| 102 | 2174.5 kHz | 400 watts pX | 1 500 watts pX | MCS | NBDP | Distress, urgency and safety |
| 103 | 2182 kHz | 400 watts pX  100 watts pZ | 1 500 watts pX  400 watts pZ | MCS  LCS  SAR aircraft station  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Mode of operation must be AM or a compatible SSB mode* |
| 104 | 2187.5 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 105 | 2201 kHz | 400 watts pX | 1 500 watts pX | MCS | Radio-telephony | Maritime safety information |
| 106 | 2524 kHz | 400 watts pX | 1 500 watts pX | LCS  Maritime ship stations | Radio-telephony | Safety of vessels and persons |
| 107 | 3 023 kHz | 400 watts pX | 1 500 watts pX | Aircraft station  Maritime ship stations | Radio-telephony | Radiotelephony Communication when the ship is involved in coordinated air/sea SAR operations |
| **HF** | | | | | | |
| 108 | 4125 kHz | 400 watts pX | 1 000 watts pX | LCS  MCS  SAR aircraft station  Maritime ship stations | Radio-telephony | Distress, urgency and safety  Calling  *Supplementary to 2182 kHz* |
| 109 | 4134 kHz Tx  4426 kHz Rx | 400 watts pX | 1 500 watts pX | MCS | Radio-telephony | Maritime safety information |
| 110 | 4177.5 kHz | 400 watts pX | 1 000 watts pX | MCS  Maritime ship stations | NBDP | Distress, urgency and safety |
| 111 | 4207.5 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 112 | 4208 kHz Tx  4219.5 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 113 | 4620 kHz | 400 watts pX | 1 500 watts pX | LCS  Maritime ship stations | Radio-telephony | Safety of vessels and persons |
| 114 | 5680 kHz | 400 watts pX | 1 500 watts pX | Aircraft Stations  Maritime ship stations | Radio-telephony | Radiotelephony Communication when the ship is involved in coordinated air/sea SAR operations |
| 115 | 6206 kHz Tx  6507 kHz Rx | 400 watts pX | 1 500 watts pX | MCS | Radio-telephony | Maritime safety information |
| 116 | 6215 kHz | 400 watts pX | 1 000 watts pX | LCS  MCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Supplementary to 2182 kHz* |
| 117 | 6268 kHz | 400 watts pX | 1 500 watts pX | MCS  Maritime ship stations | NBDP | Distress, urgency and safety |
| 118 | 6312 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 119 | 6312.5 kHz Tx  6331 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 120 | 8176 kHz | 400 watts pX | 1 500 watts pX | MCS | Radio-telephony | Maritime safety information |
| 121 | 8255 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS | Radio-telephony | Calling |
| 122 | 8291 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | Radio-telephony | Distress, urgency and safety  *The licensee must only use this frequency for calling before transmitting safety traffic information* |
| 123 | 8376.5 kHz | 400 watts pX | 1 500 watts pX | MCS  Maritime ship stations | NBDP | Distress, urgency and safety |
| 124 | 8414.5 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 125 | 8415 kHz Tx  8436.5 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 126 | 12290 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Subsections 3.3(2) and 5.5(2) apply* |
| 127 | 12359 kHz | 400 watts pX | 1 000 watts pX | LCS  MCS | Radio-telephony | Calling  *Subsections 3.3(2) and 5.2(2) apply* |
| 128 | 12365 kHz | 400 watts pX | 1 500 watts pX | MCS | Radio-telephony | Maritime safety information |
| 129 | 12520 kHz | 400 watts pX | 1 500 watts pX | MCS  Maritime ship stations | NBDP | Distress, urgency and safety |
| 130 | 12577 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 131 | 12577.5 kHz Tx  12657 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 132 | 16420 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Subsections 3.3(2) and 5.5(2) apply* |
| 133 | 16537 kHz | 400 watts pX | 1 000 watts pX | LCS  MCS | Radio-telephony | Calling  *Subsections 3.3(2) and 5.5(2) apply* |
| 134 | 16695 kHz | 400 watts pX | 1 500 watts pX | MCS  Maritime ship stations | NBDP | Distress, urgency and safety |
| 135 | 16804.5 kHz | 400 watts pX | 1 500 watts pX | LCS  MCS  Maritime ship stations | DSC | Distress, urgency and safety |
| 136 | 16805 kHz Tx  16903 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 137 | 18898.5 kHz Tx  19703.5 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 138 | 22374.5 kHz Tx  22444 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 139 | 25208.5 kHz Tx  26121 kHz Rx | 400 watts pX | 1 500 watts pX | LCS  MCS | DSC | Calling |
| 140 | 27860 kHz  *(86)* | 4 watts pZ  12 watts pX | 4 watts pZ  12 watts pX | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Supplementary to 27880 kHz (channel 88)*  *Mode of operation must be AM or compatible SSB mode* |
| 141 | 27880 kHz  *(88)* | 4 watts pZ  12 watts pX | 4 watts pZ  12 watts pX | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling  *Mode of operation must be AM or compatible SSB mode* |

Part 2 VHF and UHF communications for distress, urgency, safety or calling

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Operational facility | Purpose  *(Limitations)* |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 200 | 121.500 MHz | 25 watts pY | Aircraft Stations  Maritime Stations | Radio-telephony | Radiotelephony Communication when the ship is involved in coordinated air/sea SAR operations |
| 201 | 123.100 MHz | 25 watts pY | Aircraft Stations  Maritime Stations | Radio-telephony | Radiotelephony Communication when the ship is involved in coordinated air/sea SAR operations |
| 202 | 156.300 MHz  *(06)* | 25 watts pY | Aircraft stations  Maritime ship stations | Radio-telephony | Radiotelephony Communication when the ship is involved in coordinated air/sea SAR operations |
| 203 | 156.375 MHz  *(67)* | 25 watts pY | MCS  LCS  Maritime ship stations | Radio-telephony | Distress, urgency and safety  *Supplementary to 156.800 MHz (channel 16)* |
| 204 | 156.525 MHz  *(70)* | 25 watts pY | MCS  Maritime ship stations | DSC | Distress, urgency, safety and calling |
| 205 | 156.650 MHz  *(13)* | 25 watts pY | Maritime ship stations | Radio-telephony | Distress, urgency and safety |
| 206 | 156.800 MHz  *(16)* | 25 watts pY | MCS  LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and calling |
| 207 | 157.025 MHz Tx  161.625 MHz Rx  *(80)* | 25 watts pY | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and ship movement  *The licensee must use this carrier frequency only if direct ship‑to‑ship or ship‑to‑shore communications on other carrier frequencies are not practicable* |
| 208 | 157.050 MHz Tx  161.650 MHz Rx  *(21)* | 25 watts pY | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and ship movement  *The licensee must use this carrier frequency only if direct ship‑to‑ship or ship‑to‑shore communications on other carrier frequencies are not practicable* |
| 209 | 157.075 MHz Tx  161.675 MHz Rx  *(81)* | 25 watts pY | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and ship movement  *The licensee must use this carrier frequency only if direct ship‑to‑ship or ship‑to‑shore communications on other carrier frequencies are not practicable* |
| 210 | 157.100 MHz Tx  161.700 MHz Rx  *(22)* | 25 watts pY | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and ship movement  *The licensee must use this carrier frequency only if direct ship‑to‑ship or ship‑to‑shore communications on other carrier frequencies are not practicable* |
| 211 | 157.125 MHz Tx  161.725 MHz Rx  (82) | 25 watts pY | LCS  Maritime ship stations | Radio-telephony | Distress, urgency, safety and ship movement  *The licensee must use this carrier frequency only if direct ship‑to‑ship or ship‑to‑shore communications on other carrier frequencies are not practicable* |
| 212 | 160.900  MHz  (2006) | 25 watts pY | MCS  LCS | Radio-telephony  DSC  AIS | Reserved for experimental use for future applications |
| 213 | 161.975  MHz  (AIS-SART  AIS 1) | 12.5 watts  pY | Maritime  ship stations  MCS  LCS | ais | Locating and safety-  related messaging |
| 214 | 162.025  MHz  (AIS-SART  AIS 2 | 12.5 watts  pY | Maritime  Ship stations  MCS  LCS | AIS | Locating and safety-  related messaging |
| 215 | 1626.5 MHz–1646.5 MHz Tx  1530 MHz–1545 MHz Rx | Not applicable | Earth stations  Maritime ship stations | Inmarsat | Distress, urgency and safety  *The licensee must use this carrier frequency only to participate in the maritime satellite service* |

Part 3 Public correspondence by radiotelephony

| Item | | Carrier frequency  *(Channel number)* | Maximum transmitter output power (ship station Class B non assigned) | Maximum transmitter output power (ship station Class C non assigned) | Stations with which licensee may communicate | Operational facility  *(Limitations)* |
| --- | --- | --- | --- | --- | --- | --- |
| 301 | | 4074 kHz Tx  4366 kHz Rx  *(404)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 302 | | 4077 kHz Tx  4369 kHz Rx  *(405)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 303 | | 4098 kHz Tx  4390 kHz Rx  *(412)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 304 | | 4107 kHz Tx  4399 kHz Rx  *(415)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 305 | | 4113 kHz Tx  4405 kHz Rx  *(417)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 306 | | 4119 kHz Tx  4411 kHz Rx  *(419)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 307 | | 4134 kHz Tx  4426 kHz Rx  *(427)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 308 | | 6218 kHz Tx  6519 kHz Rx  *(607)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 309 | | 8198 kHz Tx  8722 kHz Rx  *(802)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 310 | | 8210 kHz Tx  8734 kHz Rx  *(806)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 311 | | 8225 kHz Tx  8749 kHz Rx  *(811)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 312 | | 8237 kHz Tx  8761 kHz Rx  *(815)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 313 | | 8243 kHz Tx  8767 kHz Rx  *(817)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 314 | | 8258 kHz Tx  8782 kHz Rx  *(822)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 315 | | 8279 kHz Tx  8803 kHz Rx  *(829)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 316 | | 8708 kHz  *(834)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 317 | | 12236 kHz Tx  13083 kHz Rx  *(1203)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 318 | | 12305 kHz Tx  13152 kHz Rx  *(1226)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 319 | | 12308 kHz Tx  13155 kHz Rx  *(1227)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 320 | | 12314 kHz Tx  13161 kHz Rx  *(1229)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 321 | | 12320 kHz Tx  13167 kHz Rx  *(1231)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 322 | | 16363 kHz Tx  17245 kHz Rx  *(1602)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 323 | | 16369 kHz Tx  17251 kHz Rx  *(1604)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 324 | | 16387 kHz Tx  17269 kHz Rx  *(1610)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 325 | | 16393 kHz Tx  17275 kHz Rx  *(1612)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 326 | | 16423 kHz Tx  17305 kHz Rx  *(1622)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 327 | | 22006 kHz Tx  22702 kHz Rx  *(2203)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 328 | | 22033 kHz Tx  22729 kHz Rx  *(2212)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 329 | | 22066 kHz Tx  22762 kHz Rx  *(2223)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 330 | | 22081 kHz Tx  22777 kHz Rx  *(2228)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 331 | | 22087 kHz Tx  22783 kHz Rx  *(2230)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 332 | | 22111 kHz Tx  22807 kHz Rx  *(2238)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 333 | | 25073 kHz Tx  26148 kHz Rx  *(2502)* | 400 watts pX | 1 500 watts pZ | MCS | Radiotelephony |
| 334 | | 156.025 MHz Tx  160.625 MHz Rx  *(60)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 335 | | 156.050 MHz Tx  160.650 MHz Rx  *(01)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 336 | | 156.075 MHz Tx  160.675 MHz Rx  *(61)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 337 | | 156.100 MHz Tx  160.700 MHz Rx  *(02)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 338 | | 156.125 MHz Tx  160.725 MHz Rx  *(62)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 339 | | 156.150 MHz Tx  160.750 MHz Rx  *(03)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 340 | | 156.175 MHz Tx  160.775 MHz Rx  *(63)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 341 | | 156.200 MHz Tx  160.800 MHz Rx  *(04)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 342 | | 156.250 MHz Tx  160.850 MHz Rx  *(05)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 343 | | 156.325 MHz Tx  160.925 MHz Rx  *(66)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 344 | | 156.350 MHz Tx  160.950 MHz Rx  *(07)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 345 | | 157.075 MHz Tx  161.675 MHz Rx  *(81)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 346 | | 157.150 MHz Tx  161.750 MHz Rx  *(23)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 347 | | 157.175 MHz Tx  161.775 MHz Rx  *(83)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 348 | | 157.200 MHz Tx  161.800 MHz Rx  *(24)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 349 | | 157.225 MHz Tx  161.825 MHz Rx  *(84)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 350 | | 157.250 MHz Tx  161.850 MHz Rx  *(25)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 351 | | 157.275 MHz Tx  161.875 MHz Rx  *(85)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 352 | | 157.300 MHz Tx  161.900 MHz Rx  *(26)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 353 | | 157.325 MHz Tx  161.925 MHz Rx  *(86)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 354 | | 157.350 MHz Tx  161.950 MHz Rx  *(27)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 355 | | 157.400 MHz Tx  162.000 MHz Rx  *(28)* | 25 watts pY | 25 watts pY | MCS | Radiotelephony |
| 356 | 1625.5 MHz–1647.5 MHz Tx  1525 MHz–1545 MHz Rx | | Terminal type C: 12 dBW EIRP  Terminal type A: 37 dBW EIRP  Terminal type M: 29 dBW EIRP  Terminal type B: 33 dBW EIRP | Terminal type C: 12 dBW EIRP  Terminal type A: 37 dBW EIRP  Terminal type M: 29 dBW EIRP  Terminal type B: 33 dBW EIRP | Earth station | Inmarsat  *The licensee must give priority to the reception of distress, urgency and safety messages over public correspondence* |

Part 4 Public correspondence by radiotelegraphy for NBDP or TOR facilities

| Item | Carrier frequency | Maximum transmitter output power (ship station Class B non assigned) | Maximum transmitter output power (ship station Class C non assigned) |
| --- | --- | --- | --- |
| 401 | 4175.0 kHz Tx  4213.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 402 | 4177.0 kHz Tx  4215.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 403 | 4178.0 kHz Tx  4215.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 404 | 4179.0 kHz Tx  4216.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 405 | 6265.5 kHz Tx  6317.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 406 | 6267.5 kHz Tx  6319.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 407 | 6268.5 kHz Tx  6319.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 408 | 6269.5 kHz Tx  6320.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 409 | 8379.0 kHz Tx  8419.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 410 | 8381.0 kHz Tx  8421.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 411 | 8382.0 kHz Tx  8422.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 412 | 8383.0 kHz Tx  8423.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 413 | 12479.5 kHz Tx  12582.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 414 | 12481.5 kHz Tx  12584.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 415 | 12482.5 kHz Tx  12585.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 416 | 12483.5 kHz Tx  12586.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 417 | 16686.0 kHz Tx  16809.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 418 | 16688.0 kHz Tx  16811.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 419 | 16689.0 kHz Tx  16812.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 420 | 16690.0 kHz Tx  16813.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 421 | 18873.0 kHz Tx  19683.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 422 | 18875.0 kHz Tx  19685.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 423 | 18876.0 kHz Tx  19686.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 424 | 18877.0 kHz Tx  19687.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 425 | 22287.0 kHz Tx  22379.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 426 | 22290.0 kHz Tx  22382.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 427 | 22291.0 kHz Tx  22383.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 428 | 22289.0 kHz Tx  22381.0 kHz Rx | 400 watts pX | 1 500 watts pX |
| 429 | 25175.5 kHz Tx  26103.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 430 | 25177.5 kHz Tx  26105.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 431 | 25178.5 kHz Tx  26106.5 kHz Rx | 400 watts pX | 1 500 watts pX |
| 432 | 25179.5 kHz Tx  26107.5 kHz Rx | 400 watts pX | 1 500 watts pX |

Part 5 Commercial operations

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Purpose  *(Limitations)* |
| --- | --- | --- | --- | --- |
| 501 | 1715 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 502 | 1725 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 503 | 1775 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 504 | 2008 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 505 | 2032 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 506 | 2436 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same commercial organisation as the licensee’s station* |
| 507 | 2524 kHz | 400 watts pX | LCS  Maritime ship stations | Safety of vessels and persons |
| 508 | 2638 kHz | 400 watts pX | Maritime ship stations | Calling and working |
| 509 | 27680 kHz  *(68)* | 12 watts pX  4 watts pZ | LCS  Maritime ship stations | Calling and working |
| 510 | 156.300 MHz  *(06)* | 25 watts pY | Maritime ship stations | Calling and working |
| 511 | 156.400 MHz  *(08)* | 25 watts pY | Maritime ship stations | Calling and working |
| 512 | 156.625 MHz  *(72)* | 25 watts pY | Maritime ship stations | Calling and working |
| 513 | 156.725 MHz  *(74)* | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 514 | 156.925 MHz Tx  161.525 MHz Rx  *(78)* | 25 watts pY | LCS | Calling and working |

Part 6 Non-commercial operations

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Purpose  *(Limitations)* |
| --- | --- | --- | --- | --- |
| 601 | 1715 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 602 | 1725 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 603 | 1775 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 604 | 2008 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 605 | 2032 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 606 | 2284 kHz | 400 watts pX | Maritime ship stations | Calling and working |
| 607 | 2436 kHz | 400 watts pX | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same non‑commercial organisation as the licensee’s station; or*  *(b) a ship station affiliated with the same non‑commercial organisation as the licensee’s station* |
| 608 | 2524 kHz | 400 watts pX | LCS  Maritime ship stations | Safety of vessels and persons  Calling and working |
| 609 | 27900 kHz  *(90)* | 12 watts pX  4 watts pZ | LCS | Calling and working  *The station must communicate only with a limited coast station operated by the same inshore boating service organisation or the inshore boating service organisation of which the licensee is a member* |
| 610 | 27910 kHz  *(91)* | 12 watts pX  4 watts pZ | LCS | Calling and working  *The station must communicate only with a limited coast station operated by the same inshore boating service organisation or the inshore boating service organisation of which the licensee is a member* |
| 611 | 27940 kHz  *(94)* | 12 watts pX  4 watts pZ | LCS  Maritime ship stations | Calling and working  *The station must communicate only with:*  *(a) a limited coast station operated by the same inshore boating service organisation or the inshore boating service organisation of which the licensee is a member; or*  *(b) a station affiliated with the organisation for the conduct of events by inshore boating service organisations* |
| 612 | 27960 kHz  *(96)* | 12 watts pX  4 watts pZ | Maritime ship stations | Calling and working |
| 613 | 27980 kHz  *(98)* | 12 watts pX  4 watts pZ | LCS  Maritime ship stations | Calling and working  *The station must communicate only with a station operated by a recognised rescue organisation, including a station on land* |
| 614 | 156.625 MHz  *(72)* | 25 watts pY | Maritime ship stations | Calling and working |
| 615 | 156.675 MHz  *(73)* | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 616 | 156.875 MHz  *(77)* | 25 watts pY | Maritime ship stations | Calling and working |

Part 7 Port operations

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Purpose |
| --- | --- | --- | --- | --- |
| 701 | 156.300 MHz  *(06)* | 25 watts pY | Maritime ship stations | Calling and working |
| 702 | 156.400 MHz  *(08)* | 25 watts pY | Maritime ship stations | Calling and working |
| 703 | 156.425 MHz  *(68)* | 25 watts pY | LCS | Calling and working |
| 704 | 156.450 MHz  *(09)* | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 705 | 156.500 MHz  *(10)* | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 706 | 156.550 MHz  *(11)* | 25 watts pY | LCS | Calling and working |
| 707 | 156.600 MHz  *(12)* | 25 watts pY | LCS | Calling and working |
| 708 | 156.625 MHz  *(72)* | 25 watts pY | Maritime ship stations | Calling and working |
| 709 | 156.650 MHz  *(13)* | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 710 | 156.700 MHz  *(14)* | 25 watts pY | LCS | Calling and working |
| 711 | 156.975 MHz Tx  161.575 MHz Rx  *(79)* | 25 watts pY | LCS | Calling and working |
| 712 | 157.000 MHz Tx  161.600 MHz Rx  *(20)* | 25 watts pY | LCS | Calling and working |
| 713  714 | 157.375 MHz  *(87)*  157.425 MHz  *(88)* | 25 watts pY  25 watts pY | LCS  LCS | Calling and working  Calling and working |

Part 8 Professional fishing operations

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power (ship station Class B non assigned) | Maximum transmitter output power (ship station Class C non assigned) | Stations with which licensee may communicate | Purpose |
| --- | --- | --- | --- | --- | --- |
| 801 | 2112 kHz | 400 watts pX | 1 500 watts pZ | LCS  Maritime ship stations | Calling and working |
| 802 | 2164 kHz | 400 watts pX | 1 500 watts pZ | Maritime ship stations | Calling and working |
| 803 | 4535 kHz | 400 watts pX | 1 500 watts pZ | LCS  Maritime ship stations | Safety of vessels and persons  Calling and working |
| 804 | 4620 kHz | 400 watts pX | 1 500 watts pZ | LCS  Maritime ship stations | Calling and working |
| 805 | 27720 kHz  *(72)* | 12 watts pX  4 watts pZ | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 806 | 27820 kHz  *(82)* | 12 watts pX  4 watts pZ | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 807 | 156.575 MHz  *(71)* | 25 watts pY | 25 watts pY | LCS  Maritime ship stations | Calling and working |
| 808 | 156.625 MHz  *(72)* | 25 watts pY | 25 watts pY | Maritime ship stations | Calling and working |
| 809 | 156.875 MHz  *(77)* | 25 watts pY | 25 watts pY | Maritime ship stations | Calling and working |

Part 9 Radiodetermination communications

| Item |  | Frequency band | Maximum transmitter output power | Purpose |
| --- | --- | --- | --- | --- |
| 901 |  | 2.9 GHz–3.1 GHz | 60 kilowatts pX | Maritime Radionavigation (radar) |
| 902 |  | 9.2 GHz–9.5 GHz | 60 kilowatts pX | Maritime Radionavigation (radar) |

Part 10 On-board communications

| Item | Carrier frequency | Maximum transmitter output power | Purpose |
| --- | --- | --- | --- |
| 1001 | 457.525 MHz  457.550 MHz  457.575 MHz  467.525 MHz  467.550 MHz  467.575 MHz | 2 watts pY | Calling and working |

Part 11 Automatic Identification System

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Purpose |
| --- | --- | --- | --- |
| 1101 | 161.975 MHz  (AIS 1) | 12.5 watts pY | AIS |
| 1102 | 162.025 MHz  (AIS 2) | 12.5 watts pY | AIS  Note: VHF channels 27, 28, 87 and 88 may be used for possible testing of future AIS applications without causing harmful interference to, or claiming protection from, existing applications and stations operating in the fixed and mobile services. (Note Z, Appendix 18, ITU Radio Regulations). |

Schedule 3 Ship station Class C stations: requirements for maintaining watch

(sections 4.2 and 5.13)

| Item | Type of ship | Type of watch to be maintained | Requirements |
| --- | --- | --- | --- |
| 1 | Ship equipped in accordance with GMDSS, and fitted with a VHF DSC radio installation | Continuous watch on VHF DSC channel 70 |  |
| 2 | Ship equipped in accordance with GMDSS, and fitted with an MF radio installation | Continuous watch on the distress and safety DSC frequency 2187.5 kHz |  |
| 3 | Ship equipped in accordance with GMDSS | Continuous watch on the distress and safety DSC frequencies 2187.5 kHz and 8414.5 kHz  Continuous watch on at least 1 of the distress and safety DSC frequencies 4207.5 kHz, 6312 kHz, 12577 kHz and 16804.5 kHz, as appropriate to the time of day and the ship’s geographical position | The watch may be kept using a scanning receiver |
| 4 | Every ship equipped in accordance with GMDSS | Continuous watch for satellite shore-to-ship distress alert relays | The watch must be kept using Enhanced Group Calling over the Inmarsat C system |
| 5 | Every ship | Radio watch for broadcast of maritime safety information | The watch must be kept on the appropriate frequency or frequencies on which the information is broadcast for the area where the ship is located |
| 6 | Every ship | Continuous (when practicable) listening watch on VHF channel 16 (156.80 MHz) | The watch must be kept at the position from which the ship is normally navigated |
|  |  |  | Note: Radio watch requirements for ship stations Class B may be subject to the provisions of the National Standard for Commercial Vessels or Marine Orders published or made by AMSA. |
|  |  |  |  |

Schedule 4 Ship station Class C non assigned: operating requirements

(sections 5.3 and 5.4)

Note 1: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).

Note 2: The frequencies in Part 1 of this Schedule are to be used until 31 December 2016, as prescribed in Annex 1 to Appendix 17 (REV. WRC-12) of the ITU Radio Regulations. From 1 January 2017, Annex 2 to Appendix 17 (REV. WRC-12) of the ITU Radio Regulations comes into force.

Note 3: References to ‘Group’ series and ‘Channel’ series in Part 1 are references to the groups and channels that the carrier frequencies relate to, as set out in Annex 1 to Appendix 17 of the ITU Radio Regulations.

Part 1 Commercial operations by radiotelegraphy using Morse

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Purpose  *(Limitations)* |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| 101 | 8368.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Calling |
| 102 | 4184.0 kHz  6276.0 kHz  8368.0 kHz  12552.0 kHz  16736.0 kHz  22280.5 kHz  25172.0 kHz | 1 500 watts pZ | MCS  Ship station Class C | Calling  Group Common Series 3 |
| 103 | 4184.5 kHz  6276.5 kHz  8369.0 kHz  12553.5 kHz  16738.0 kHz  22281.0 kHz  25172.0 kHz | 1 500 watts pZ | MCS  Ship station Class C | Calling  Group Common Series 4 |
| 104 | 4186.0 kHz  6280.0 kHz  8370.0 kHz  12554.0 kHz  16738.5 kHz  22284.5 kHz  25172.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Calling  Group IV Series 9 |
| 105 | 4186.5 kHz  6280.5 kHz  8370.5 kHz  12554.5 kHz  16738.5 kHz  22284.0 kHz  25172.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Calling  Group IV Series 10 |
| 106 | 4191.5 kHz  6289.0 kHz  8346.0 kHz  12426.5 kHz  16623.5 kHz  22246.5 kHz  25166.0 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 10 Series |
| 107 | 4193.5 kHz  6291.5 kHz  8348.5 kHz  12428.5 kHz  16625.5 kHz  22248.5 kHz  25168.0 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 14 Series |
| 108 | 4195.5 kHz  6293.5 kHz  8350.5 kHz  12430.5 kHz  16627.5 kHz  22250.5 kHz  25170.0 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 18 Series |
| 109 | 4197.5 kHz  6295.5 kHz  8352.5 kHz  12432.5 kHz  16629.5 kHz  22252.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 22 Series |
| 110 | 4198.5 kHz  6296.5 kHz  8353.5 kHz  12433.5 kHz  16630.5 kHz  22253.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 24 Series |
| 111 | 4201.5 kHz  6299.5 kHz  8356.5 kHz  12436.5 kHz  16633.5 kHz  22256.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 30 Series |
| 112 | 8358.5 kHz  12438.5 kHz  16635.5 kHz  22258.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 34 Series |
| 113 | 8361.5 kHz  12441.5 kHz  16638.5 kHz  22261.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 40 Series |
| 114 | 8363.5 kHz  12443.5 kHz  16640.5 kHz  22263.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 44 Series |
| 115 | 8371.5 kHz  12446.5 kHz  16643.5 kHz  22266.5 kHz | 1 500 watts pZ | MCS  Ship station Class C | Working  Channel 50 Series |
| 116 | 6298.0 kHz  *(27)*  8355.0 kHz  *(27)*  22277.5 kHz  *(72)*  26163.0 kHz  *(04)* | 1 500 watts pZ | MCS  Ship station Class C | Working  Channels Various |

Part 2 Non-commercial operations

| Item | Carrier frequency  *(Channel number)* | Maximum transmitter output power | Stations with which licensee may communicate | Purpose |
| --- | --- | --- | --- | --- |
| 201 | 2284 kHz | 1 500 watts pX | Maritime ship station located on a yacht or another pleasure craft | Calling and working |
|  |  |  |  |  |
| 202 | 2524 kHz | 1 500 watts pX | LCMRS  Ship station Class B | Calling and working |
| 203 | 156.300 MHz  *(06)* | 25 watts pY | Ship station Class B | Calling and working |
| 204 | 156.400 MHz  *(08)* | 25 watts pY | Ship station Class B | Calling and working |
| 205 | 156.625 MHz  *(72)* | 25 watts pY | Ship station Class B | Calling and working |
| 206 | 156.675 MHz  *(73)* | 25 watts pY | LCMRS  Ship station Class B | Calling and working |
| 207 | 156.725 MHz  *(74)* | 25 watts pY | LCMRS  Ship station Class B | Calling and working |
| 208 | 156.875 MHz  *(77)* | 25 watts pY | Ship station Class B | Calling and working |