

Wireless Telegraphy Act 2006

## Coastal Station Radio (Int.) Area Defined

Sector/class/product	Maritime / Area Defined / 354020
Licence number	1001458/1
Licensee	National Coastwatch Institution
Licensee address	17 Dean Street LISKEARD PL14 4AB
Licence first issue date	07/08/2014
Licence version date	30/06/2021
Payment interval	1 year

1. This Licence is issued by the Office of Communications (“Ofcom”) on **30 June 2021** and replaces any previous authority granted in respect of the service subject to this Licence by Ofcom.
2. This Licence authorises **National Coastwatch Institution** (“the Licensee”) to establish, install and/or use radio transmitting and/or receiving stations and/or radio apparatus as described in the schedule(s) (hereinafter together called “the Radio Equipment”) subject to the terms set out below and subject to the terms of the General Licence Conditions booklet. (Version OfW597).

**ISSUED BY OFCOM**

## Coastal Station Radio (Int.) Area Defined

### SCHEDULE 1 TO LICENCE 1001458/1

This schedule forms part of Licence **1001458/1**, issued to **National Coastwatch Institution**, the Licensee on **30 June 2021**, and describes the Radio Equipment covered by the Licence and the conditions related to the use of the Radio Equipment.

#### 1. Description of the Radio Equipment licensed

- 1.1 In this Licence, the Licensee is authorised to use the base transceiver or transmitter for use in accordance with paragraph 2 below (the “Radio Equipment”).

#### 2. Purpose of the Radio Equipment

- 2.1 Subject to the administrative and technical requirements set out in this and Schedule 2 to this Licence, the Licensee and any person authorised to act on their behalf is hereby authorised to:
- (a) establish sending and receiving stations for wireless telegraphy on land at the location specified in Schedule 2 to this Licence (“the Base Stations”);
  - (b) use the Base Stations for the purpose of sending and receiving voice and data messages relating to the operational handling, movement and safety of ships and, in an emergency, the safety of persons between the Base Stations and any Ship Stations.

#### 3. Approved Standards for the Radio Equipment

- 3.1 The radio equipment covered by this licence shall be subject to and comply with the appropriate Interface requirement (IR) or the Merchant Shipping (Maritime Equipment) Regulations 1999. Equipment first placed on the market before 8 April 2000 is required to be type approved in accordance with the appropriate published technical performance standards authorised at the date of installation of the Radio equipment, subject to any modifications authorised by Ofcom, as specified below.
- (a) MPT 1250; or
  - (b) Radio Equipment specified to MPT1251 or MPT1252 or ETS300162 or ETS300225 may also be considered by Ofcom for use as Base Station equipment as long as all channels, other than the channel (s) shown on subsequent schedules to this licence, can be made inoperable or
  - (c) Radio Equipment specified to MPT1251 or MPT1252 or ETS300162 or ETS300225 may be used as Mobile Station apparatus.

#### 4. Special conditions relating to the activities of the Licensee

- 4.1 The Licensee shall ensure that:
- (a) the Radio Equipment is used only in accordance with the frequencies, powers, characteristics, antenna details and any other requirements specified in Schedule 2 to this Licence except with prior written authority from the Ofcom;
  - (b) Mobile Stations may operate only on frequencies set out in Schedule 2. A Ship Radio Licence issued by Ofcom is required for use by mobile stations of any other channel

<sup>1</sup> Available from the Ofcom website at <http://www.ofcom.org.uk>

contained in Appendix 18 of the Radio Regulations , including Channel 80;

- (c) land-to-land communication is prohibited unless otherwise specified in Schedule 2 or in an emergency where there is a risk to life;
- (d) continuous transmissions are prohibited unless otherwise specified in Schedule 2 to this Licence;
- (e) the connection of any of the Stations with the Public Telephone Network (PSTN) or with other Private Branch Exchanges (PBX) is prohibited unless otherwise specified in Schedule 2;
- (f) in an emergency involving risk to life or navigation, the Licensee may use the Base Stations or Mobile Stations for the purpose of sending and receiving messages between the Base Stations and any other station for wireless telegraphy;
- (g) the Licensee must ensure that the Base Stations or Mobile Stations are only used by persons who have been authorised by the Licensee to do so and who have been made aware of, and comply with, the terms of this Licence. Users must also hold, or be under the direct supervision of a holder of, a Marine Radio Operators ' Certificate of Competence and a valid Authority to Operate issued by the Secretary of State. In the event of an emergency where there is a risk to life, the Base Stations and Mobile Stations may be used by any person;
- (h) the Base Stations and Mobile Stations shall be called and identified by their authorised call signs;
- (i) in addition to use of the frequencies specified in Schedule 2 to this Licence, the Base Stations may also be used for reception only on frequencies in the band 156.025 to 162.025 MHz specified in Appendix 18 of the Radio Regulations of the International Telecommunication Union (ITU);
- (j) data messages are restricted to Digital Selective Calling (DSC) unless otherwise specified in Schedule 2 to this Licence.
- (l) Hand portables may be used within a 4km radius of the base station.

## **5. Geographical Boundaries**

- 5.1 This Licence authorises the establishment and use of the Radio Equipment only in the defined area(s) specified in Schedule 2 of this licence.

## **6. Maximum e.r.p.**

- a) The Maximum permitted e.r.p. for Coastal Station (Base) Stations is 25 Watts;
- b) The Maximum permitted e.r.p. for Mobile Stations is 25 Watts.

## **7 Power Spectral Density at the geographical boundary**

- 7.1 The Licensee must operate the Radio Equipment with a power spectral density of not more than -113 dBm/25 kHz from a single transmitter at and beyond the geographical boundary (ies) specified in Schedule 2 of this document.

## 8. Interpretation

### 8.1 In this Schedule:

- a) “e.r.p.” means the effective radiated power of a radio antenna in a given direction, that is the product of the power supplied to the antenna and the antenna gain relative to a half wave dipole in a given direction;
- b) “IR” means the United Kingdom Radio Interface Requirement published by Ofcom in accordance with Article 8 of the Radio Equipment Directive (Directive 2014/53/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available of radio equipment on the market (known as the Radio Equipment Directive));
- c) the “antenna gain” is the ratio, usually expressed in decibels, of the power required at the input of a loss-free reference antenna to the power supplied to the input of the given antenna to produce, in a given direction, the same field strength or the same power flux density at the same distance. The antenna gain is expressed in decibels relative to a half-wave dipole (dBd) and refers to the direction of maximum radiation;
- d) words and expressions in this licence have the same meaning as they have in the Wireless Telegraphy Act 2006;
- e) "Radio Regulations" means the 2008 edition of the Radio Regulations made under Article 13 of the Constitution of the International Telecommunication Union as may be amended or substituted from time to time;
- f) “Ship Station” means a station authorised for use under a Ship Radio Licence.

## Coastal Station Radio (Int.) Area Defined - LICENCE

### SCHEDULE 2

<b>Licence No</b>	1001458/1	<b>Licence version date</b>	30/06/2021	<b>Payment Interval</b>	1 year
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**Frequency / Area Group : 1**

<b>Permitted Frequency(ies) (MHz) and Geographical Area(s)</b>			
The below channel(s) may be used in the following geographical area(s) only:			
United_Kingdom			
<b>Frequency plan</b>	<b>Base Tx</b>	<b>Mobile Tx</b>	<b>Channel width (kHz)</b>
MARITIME_MP_CHP03 1	160.875000	156.275000	25.00000