

Maritime navigational aids and radar/DGPS licence application form – OfW449

Who should use this form?

You may use this form to apply for Maritime Navigational Aids and Radar system licences, including LF or MF DGPS.

Please note that VHF DGPS is authorised under our Business Radio suite of licences.

Conditions

Under the Wireless Telegraphy Act 2006, you must have a licence issued by Ofcom before you establish or use any Business Radio equipment.

Communication preference

Where possible, we send correspondence to licensees electronically. This is quicker for you. By applying online and providing your email address, we assume that you wish to receive correspondence and notifications relating to Wireless Telegraphy Act licences electronically and not on paper. If you do not wish to receive documents electronically, you must opt out by ticking the 'Letter' box.

Completing this form

When completing this application please refer to the notes and complete in dark ink in BLOCK CAPITALS.

All fields are mandatory unless stated otherwise. If you do not provide a telephone number and e-mail, it may delay the processing of this form. If you need to supply further information or clarification, please write on a separate sheet of paper and attach it to this form.

Important

Maritime radio transmitting radio equipment may be operated only or under the direct supervision of the holder of the appropriate Maritime Radio Operator's Certificate or Competence and Authority to Operate. Details of these are available from the Maritime and Coastguard Agency (MCA).

Radio Equipment Directive (RED)

The Radio Equipment Directive (2014/53/EU) has superseded the Radio and Telecommunications Terminal Equipment (R&TTE) Directive (99/5/EC). All new marine and radar equipment, which is placed on the market and which is not covered by the Marine Equipment Directive (MED – 2014/90/EU – as amended) must conform to essential requirements of the Radio Equipment Directive. Such equipment may be licensed for use in the UK, provided it operates in conformity with the relevant UK Radio Interface Requirement (IR).

Antenna siting

Shared masts with multiple antennas, are commonly used. However, this may cause intermodulation interference problems between different users of the mast. In the event of such a problem we will try to assign an alternative frequency (if it is not an equipment fault) but will not accept responsibility for such interference nor for costs incurred in either changing frequencies or vacating a mast. Please bear this in mind when deciding on your antenna location. Erection of an antenna may require planning permission from your local council.

Payment

A fee of £40 will be charged annually for each station and frequency. One station and two frequencies will be charged £80. Two stations and one frequency will be charged £80.

Payments must include all bank charges. If Ofcom does not receive full payment, it will return any partial payments received.

How we use your data

We require this information in order to carry out our licensing duties under the Wireless Telegraphy Act 2006.

Please see Ofcom's General Privacy Statement for further information about how Ofcom handles your personal information and your corresponding right: www.ofcom.org.uk/about-ofcom/foi-dp/general-privacy-statement

The information provided by Ofcom to the International Telecommunications Union (ITU) and the Maritime and Coastguard Agency (MCA) to assist in Search and Rescue operations and to help ensure that the information held by the ITU and MCA is accurate and up to date.

Information related to Navigational Aids and Radar may be shared with the UK General Lighthouse Authorities (GLA's), for notification purposes, under their responsibilities for superintendence to aids to navigation around the UK coast.

This information may also be provided by Ofcom to law enforcement agencies (such as the police) for crime and taxation purposes as well as the Maritime Administrations MCA Channel Islands and the Isle of Man. We will keep your information confidential and will not disclose it to third parties, except where we are required to do so by law or where we have obtained your consent in advance.

For help contact:

Ofcom
FAO Spectrum Licensing
PO Box 1285
Warrington
WA1 9GL

E-mail: spectrum.licensing@ofcom.org.uk

Website: www.ofcom.org.uk/manage-your-licence

Telephone: 020 7981 3131

General information

Under the terms of the Wireless Telegraphy Act 2006, it is an offence to install or use radio apparatus, unless:

- you do so under and in accordance with a licence issued by Ofcom; or
- the apparatus is specifically exempt from licensing.

Responsibility for obtaining and paying for a licence rests with the user of the system, not with the supplier of the equipment. You may need the help of your equipment supplier to complete the technical part of the form. Submitting a licence application form does

The remainder of these guidance notes provide guidance on customer details in Section B.

Question B1 – Existing customers

If you already hold an Ofcom radio licence, you should write your customer reference number in the box provided. Your customer reference number will be quoted in licence documentation or correspondence that we have previously sent to you.

Question B2 – New customers

A licence can only be issued to a legal entity. You should tick one of the options provided. For a partnership, please give the full name of one partner and supply a list of all other partners. The main partner is also required to sign the declaration in Section E.

Question B3 – Licensee name and address

If you are applying on behalf of a Limited Company, a Public Limited Company or a Registered Charity, the registered address of the organisation must be used. The licensee will receive all licensing documentation and correspondence.

Question B4 – Licence contact name and address

This can be an additional contact who should also receive licensing documentation and correspondence.

Question B5 – Payment and billing contact

The payment (billing) contact can be different to either the licensee or licence contact.

Question B6 – Third-party contact

If the licence is being handled by a third-party contact such as a radio supplier, then this can be provided.

Question B7 – Contact for licence trades

Spectrum trading is a process that allows holders to transfer or lease the licence rights to another. It is only permitted for those licences, such as this, where Ofcom has made regulations under section 30 of the Wireless Telegraphy Act. For all spectrum trading enquiries please email spectrum.tradingdesk@ofcom.org.uk

A. Application purpose

Please indicate the type of service:

Radio Beacon(s)

LF/MF DGPS*

Radar(s)

Racon(s)

Other service (please specify)

* VHF DGPS is authorised under our Business Radio suite of licences and not a navaid licence

B. Applicant details

B1. Customer reference number

If you are an existing licensee, please provide your customer reference number and go to question B.4. If not, please complete all sections.

B2. Who is the licence to be issued to?

A licence can only be issued to a legal entity. Ofcom recognises the following types of entity.

Please tick the relevant box:

Crown Body

NHS Scotland

Individual or Sole Trader

Government

Non-UK Company/PLC

Unincorporated Association

Incorporated Association

Non-UK Government/
Administration

University/Educational

Limited Company/PLC

Partnership

Community Interest Company

Local Government

Public Body

Royal Charter

NHS England and Wales

Registered Charity

NHS Northern Ireland

Religious Body

Individual or Sole Trader

Full name

Partnership

Full name

NB: For a partnership, please give the full name of one partner (who must also sign the declaration of this form and supply a list of all the full names of all the other partners in the declaration).

Limited or Public Limited Company/Incorporated Association

Name

Company registration
number

Registered Charity

Name

Charity registration
number

If your organisation is a registered charity, does it have as its objective, the safety of human life in an emergency?

Yes

No

Other legal entity

Name

Registration number
(where applicable)

B3. Licensee address

- Companies should use the registered address from <http://www.companieshouse.gov.uk>
- Registered charities should use the address from <http://www.gov.uk/government/organisations/charity-commission>

For all other Licensees, please use your main business address

Name	<input type="text"/>		
Trading name	<input type="text"/>		
Address	<input type="text"/>	Tel. no.	<input type="text"/>
	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

Please indicate your communication preference Email Letter

B4. Licence contact name and address (where different from above)

Licensing documentation and correspondence will be sent to this address.

Name	<input type="text"/>		
Address	<input type="text"/>	Tel. no.	<input type="text"/>
	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

Please indicate your communication preference Email Letter

B5. Contact name and address for payments, billing, or account queries (where different from previous page)

NB: This is the person who will receive invoices and reminders when payments are due.

- Do not include payment with this form, as you will be invoiced later
- Section E permits you to set up a Direct Debit mandate for the collection of future renewal payments

Name	<input type="text"/>		
Address	<input type="text"/>	Tel. no.	<input type="text"/>
	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

Please indicate your communication preference

Email Letter

B6. If you are applying via a third party (e.g. radio supplier, consultant etc.) please complete the following:

Name	<input type="text"/>		
Address	<input type="text"/>	Tel. no.	<input type="text"/>
	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

Please indicate your communication preference

Email Letter

Please tick if you would like a copy of the licence to be sent to your third party supplier

B7. Contact name and address for licence trades

Name	<input type="text"/>		
Address	<input type="text"/>	Tel. no.	<input type="text"/>
	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

Please indicate your communication preference

Email Letter

C. Base station / Aids to navigation details

For applicants intending to operate more than one base station for the same service please complete questions C1 to C15 on a separate form for each base station.

C1. Please provide the address of the base station:

Address

Postcode
Country

C2. Provide the name identification of the base station:

C3. Site location:

(choose one of the following possibilities to input the data)

GB National Grid Reference	<input type="text" value="T"/> <input type="text" value="Q"/>	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/>	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/>
OR	2 letters	5-figure Easting	5-figure Northing
Latitude	<input type="text" value="5"/> <input type="text" value="0"/> °N	<input type="text" value="5"/> <input type="text" value="3"/>	<input type="text" value="5"/> <input type="text" value="9"/>
Longitude	<input type="text" value="0"/> <input type="text" value="2"/> °E/W	<input type="text" value="2"/> <input type="text" value="4"/> minutes	<input type="text" value="1"/> <input type="text" value="4"/> seconds

C4. Name of the manufacturer of the base station equipment:

C5. Make and model of the base station equipment:

C6. Tick to confirm the equipment complies with the relevant UK Interface Requirement or that it is approved under the Marine Equipment Directive:

C7. Indicate the proposed power:

(choose one of the following possibilities to input the data)

a. Effective Radiated Power (ERP) Watts
or
b. Effective Isotropically Radiated Power (EIRP) dBW

Note that ERP (in a given direction) is the product of the power supplied to the antenna and its gain relative to a half wavelength dipole. The maximum ERP is that in the direction of maximum radiation and is expressed in Watts. The power supplied to the antenna is expressed in the form of peak to peak envelope power (PX or pX). The peak envelope power is defined as the average power supplied to the antenna transmission line by a transmitter during one radio frequency cycle at the crest of the modulation envelop taken under normal operation conditions.

EIRP (in a given direction) is the product of the power supplied to the antenna gain in a given direction relative to an isotropic antenna (absolute or isotropic gain).

Ofcom will ultimately decide on the permitted ERP or EIRP as appropriate.

C8. Indicate the operating frequency or frequencies you prefer and the total number:

kHz/MHz/GHz (delete as necessary)

C9. Provide the class of emission including the necessary bandwidth:

Note that for LF/MF DGPS the bandwidth should not exceed 500Hz

C10. If the emission code consists of pulses, then specify the pulse repetition frequency and pulse width:

pulses/sec

microseconds

or
nanoseconds

C11. If the emission code consists of quantized or digital information provide the bitrate:

bits per second

C12. Antenna details:

Antenna type

Polarisation

C13. Antenna gain relative to a half-wave dipole:

dBd

dBi

C14. Please provide the address of the antenna:

Address

Postcode

Country

C15. Is a shared mast being used?

Yes

No

If yes, then please give names of other users:

D. Direct debit mandate

Instruction to your bank or building society to pay by Direct Debit

1) Name and address of billing contact in BLOCK CAPITALS

Name	<input type="text"/>	Tel. no.	<input type="text"/>
Address	<input type="text"/>	Mobile	<input type="text" value="optional"/>
	<input type="text"/>	Fax no.	<input type="text" value="optional"/>
Postcode	<input type="text"/>	Email	<input type="text" value="optional"/>
Country	<input type="text"/>		

2) Name and full postal address of your Bank or Building Society

To the manager	
	Bank/Building Society
Address	
Postcode	

FOR OFFICE OF COMMUNICATIONS OFFICIAL USE ONLY
ADDITIONAL INFORMATION TO BE PROVIDED BY THE APPLICANT

This is not part of the instruction to your Bank or Building Society

Ofcom Customer
Account reference:
(Please quote from renewal notice)

Mandate start date:
(Please advise)

3) Name(s) of account owner(s)

7) Instruction to your Bank or Building Society

Please pay Ofcom Direct Debits from the account detailed in this instruction subject to the safeguards assured by the Direct Debit Guarantee. I understand that this instruction may remain with Ofcom and, if so, details will be passed electronically to my Bank or Building Society.

4) Bank/Building Society Number

5) Branch sort code

6) Originator reference number

Signature(s)

Date

The Guarantee should be detached and retained by the payer

The Direct Debit Guarantee

The Guarantee is offered by all Banks and Building Societies that take part in the Direct Debit Scheme. The efficiency and security of the Scheme is monitored and protected by your own Bank and Building Society.

If the amount to be paid or the payment date changes then Ofcom will notify you 10 working days in advance of your account being debited or as otherwise agreed. If an error is

made by Ofcom or your own Bank or Building Society you are guaranteed a full and immediate refund from your branch of the amount paid.

You can cancel a Direct debit at any time by writing to your Bank or Building Society. Please also send a copy of your letter to us.



E. Declaration

By signing this form, I confirm that I have read and understood all the notes. Any information provided is correct and complete to the best of my knowledge.

I understand and accept that:

- I am responsible for compliance with the licence and control and supervision of the equipment which is the subject of the Wireless Telegraphy Act Licence;
- I have the due authority to make this declaration and sign this application;
- It is an offence to knowingly make a false statement in support of this application and may lead to the licence being refused or revoked under the Wireless Telegraphy Act;
- Ofcom may share my information to publish a register of licences under the Wireless Telegraphy Act;
- Ofcom may transfer my information to other countries in accordance with commitments entered into by Her Majesty's Government;
- Ofcom will not give anyone my information except where a) has permission, b) permitted to do so by law; or c) to other companies or organisations who provide a service.

Full Name

Position in organisation

Signature of applicant

Date of application **For self and partners**
(tick if applicable)

- Partnerships must be applied for by one partner signing 'for self and partners'. A director or authorised person must sign for public limited companies, limited companies and other legal entities.
- If the number of partners exceeds the space, then for each additional partner please provide the name and signature.

	Print name(s)	Signature(s)
I	<input type="text"/>	<input type="text"/>
II	<input type="text"/>	<input type="text"/>
III	<input type="text"/>	<input type="text"/>
IV	<input type="text"/>	<input type="text"/>

Where to send this form

Please do not include payment with this form, as you will be invoiced at a later date.

Ensure that you enclose all relevant certification and any attached pages as applicable and send to:

Ofcom
FAO Spectrum Licensing
PO Box 1285
Warrington
WA1 9GL

Email: spectrum.licensing@ofcom.org.uk
Website: www.ofcom.org.uk/manage-your-licence
Telephone: 020 7981 3131

Allow 14 days from posting your application for receipt of your licence.

If you need assistance, then please email spectrum.licensing@ofcom.org.uk.

There is also information available on our website at www.ofcom.org.uk.