



Commission for
Communications Regulation

APPLICATION FORM

Automatic Identification Systems (AIS) Licence Application Form

| | |
|---------------------|------------------------|
| Document No: | ComReg 11/07aR1 |
| Date: | 10 May 2017 |

An Coimisiún um Rialáil Cumarsáide

Commission for Communications Regulation

1 Dockland Central, Guild Street, Dublin1, D01 EX40, Ireland.

Telephone +353 1 804 9600 Fax +353 1 804 9680 Email info@comreg.ie Web www.comreg.ie

Notes for Applicants

**The Commissioners of Irish Lights (CIL) must be contacted in all instances prior to making an application to ComReg for an Automatic Identification System (AIS) Licence;
The CIL can be contacted at; www.cil.ie**

1. This application form sets out the standard information which is required for an Automatic Identification System (AIS) Licence and incorporates applications for both Aids to Navigation (AtoN) and non Aids to Navigation (Non AtoN).
2. Prior to completing an application, applicants are advised to read Document ComReg11/07 Radiodetermination Guidelines.
3. The Commission for Communications Regulation's (ComReg) will issue a Radiodetermination Services (AIS) Licence in respect of an AIS system or an AIS network once owned and operated by a single entity.
4. All applicants must contact the Commissioners of Irish Lights (CIL) prior to making application to ComReg for an AtoN or Non AtoN system licence:
 - Aids to navigation (AtoNs), must have time slot allocations and Statutory Sanctions as approved by CIL, in place prior to submitting an application, and
 - Prior consultation with the CIL is required for non aids to navigation (Non AtoNs) to ensure there are no difficulties with the proposed system/s.
5. An application cannot be processed until ComReg has received a complete application. To submit a valid application, it is necessary to:
 - complete all sections of the Application Form
 - attach any prior/ conditional approvals granted and
 - submit the full licence fee with the application
6. All new Radiodetermination (AIS) Licences shall incur a fee of €500.
Licence Amendments shall incur a fee of €30
7. Completed Applications should be forwarded by post to;

The Commission for Communications Regulation
Spectrum Licensing Section
1 Dockland Central
Guild Street
Dublin 1
D01 EX40
Ireland

It should be noted that it is an offence under Section 3 of the "Wireless Telegraphy Act, 1926" to hold wireless telegraphy apparatus without an appropriate licence and such apparatus must not be acquired on the assumption that a licence will be granted.

The Application Form

| |
|--------------------------------|
| Part 1: General Details |
|--------------------------------|

| | | |
|---|--|--|
| Type of Application; (Please tick as appropriate) | New <input type="checkbox"/> | Amendment <input type="checkbox"/> |
| For Amendment: Licence No. of Existing Licence: | | |
| AIS Stations Required; (Quantity and type) | Aids to Navigation <input type="checkbox"/> | Non Aids to Navigation <input type="checkbox"/> |

Applicant Details

| | |
|--|--|
| Full Name of the Company or Person in whose name the licence is sought: | |
| Full Postal Address: | |
| Contact Name: | |
| If Company, Position held: | |
| Contact Phone Number: | |
| Contact E-mail: | |
| Contact Fax Number: | |
| ComReg Account Number*: (If existing Licensee) | |
| Email Address to which Correspondence is to be sent: | |

*This is the account number allocated to you by ComReg. It is unique for you/your company. You will have an account number if you applied in the past to ComReg for any type of licence. This account number is printed on ComReg correspondence (such as invoices, renewal notices etc).

Any personal information which you provide to ComReg will be treated strictly in accordance with the Data Protection Acts, 1988 & 2003

| | |
|----------------|---------------------------|
| Part 2: | AIS System Details |
|----------------|---------------------------|

(Where more than one AIS Station required, this section must be duplicated and completed in respect of each additional station).

| | |
|---|---|
| Station Name/ Reference No | |
| Address; | |
| Station Co-Ordinates | Latitude (WGS84) Deg/Min/Sec: |
| | Longitude (WGS84) Deg/Min/Sec: |
| Is AIS part of an existing AtoN? If Yes please provide the CIL Ref. No. | |
| Frequency of Operation: (Please tick as appropriate) | AIS 1 (161.975 MHz) <input type="checkbox"/> AIS 2 (162.025 MHz) <input type="checkbox"/> |
| Type of AIS to be provided (Please tick as appropriate) | Real AtoN <input type="checkbox"/> Synthetic AtoN <input type="checkbox"/> Virtual AtoN <input type="checkbox"/> Base Station <input type="checkbox"/> Other (Please specify) |
| Time Slot Allocation; | |
| Slot Access Mode (Please tick as appropriate) | FATDMA <input type="checkbox"/> RATDMA <input type="checkbox"/> |
| Antenna Type; (Please tick as appropriate) | Dipole <input type="checkbox"/> Omnidirectional <input type="checkbox"/> |

| | |
|---|--|
| Maximum ERP (Effective Radiated Power) | |
| Message Type ID; As per ITU Summary Table of Message Types (See Annex 1 to this Form) | |

Approval Received;

| | |
|--|--|
| For AtoN; Statutory Sanction Reference; ** (as granted by CIL under the Merchant Shipping Act) | |
|--|--|

**All Aids to Navigation must be in possession of a Statutory Sanction including AIS Aids to Navigation. The continuance in force of an AIS AtoN Statutory Sanction is conditional on the continuance in force of the corresponding Wireless Telegraphy Licence as granted by the Communications Regulator, and vice versa.

| |
|---|
| Part 3: Declaration by Applicant |
|---|

I hereby certify that the information provided in this application is, to the best of my knowledge, true and complete. I understand that I may be liable to prosecution for contraventions of the Wireless Telegraphy Act 1926 in respect of any inaccurate information contained in this application.

In accordance with the Wireless Telegraphy Act 1926, I accept responsibility for the installation, maintenance and operation of the Automatic Identification System if approved.

I hereby certify that the radio equipment is compliant the Radio and Telecommunication terminal Equipment Directive ¹1999/5/EC (the "R&TTE Directive")

I confirm that no change will be made in any of the foregoing without prior approval of the Commission for Communications Regulation.

Signature of applicant: _____

On behalf of (Company): _____

Name in Block Letters: _____

Date: _____

| |
|---|
| Part 4: Fees and Method of Payment |
|---|

¹ Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity available at <http://europa.eu.int/comm/enterprise/rtte/dir99-5.htm>

4A: Licence Fee

The fees payable for a Radiodetermination (AIS) Licence are:

| | |
|-------------------|------|
| New Application | €500 |
| Licence Amendment | €30 |

4B: Method of Payment:

| | |
|------------------------------|--|
| Cheque / Postal Order | Cheques / Postal Orders should be crossed and made payable to <i>The Commission for Communications Regulation</i> |
| Credit Card | <p>Credit card payments can be accepted</p> <ul style="list-style-type: none"> o By completing the Credit Card payment form below <p>For existing ComReg account holders accepted, payments can made</p> <ul style="list-style-type: none"> o Over the telephone - contact accounts at 01 8049618 o On-Line, using www.licensing.comreg.ie |

Credit Card Payment Form:

Type of Card: **Visa** **Access / MasterCard** **Laser**

Card Number : ___ ___ ___ ___ / ___ ___ ___ ___ / ___ ___ ___ ___ / ___ ___ ___ ___

Cardholder's Name: _____

Cardholder's Address: _____

Expiry Date: ___ ___ / ___ ___

Signature: _____ Date: _____

For Existing account holders only

| | |
|--|---|
| Bank Transfer / Electronic Funds Transfer (EFT) | <p>Transfers to ComReg's account should be made to:</p> <p>Bank of Ireland, 6 Lower O'Connell Street, Dublin 1. Account Number: 17806887 Sort Code: 90-00-33 BIC Code: BOFIIIE2D IBAN No: IE62 BOFI 9000 3317 8068 87.</p> <p>If making a bank transfer/EFT, please ensure that:</p> <ul style="list-style-type: none"> · Your Bank quotes your Account Number in making the transfer to ComReg. · You forward details of the date of and amount of payment to our Accounts Department (accounts@comreg.ie). |
|--|---|

ANNEX 1

Extract from ITU-R M.1371-4 summary table of message types

| Message ID | Name | Description | Priority | Access scheme | Communication state | M/B |
|------------|---------------------------------------|--|------------------|---|---------------------|-----|
| 1 | Position report | Scheduled position report; (Class A shipborne mobile equipment) | 1 | SOTDMA, RATDMA, ITDMA ⁽¹⁾ | SOTDMA | M |
| 2 | Position report | Assigned scheduled position report; (Class A shipborne mobile equipment) | 1 | SOTDMA ⁽⁹⁾ | SOTDMA | M |
| 3 | Position report | Special position report, response to interrogation; (Class A shipborne mobile equipment) | 1 | RATDMA ⁽¹⁾ | ITDMA | M |
| 4 | Base station report | Position, UTC, date and current slot number of base station | 1 | FATDMA ^{(3) (7)} , RATDMA ⁽²⁾ | SOTDMA | B |
| 5 | Static and voyage related data | Scheduled static and voyage related vessel data report; (Class A shipborne mobile equipment) | 4 ⁽⁵⁾ | RATDMA, ITDMA ⁽²⁾ | N/A | M |
| 6 | Binary addressed message | Binary data for addressed communication | 4 | RATDMA ⁽¹⁰⁾ , FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 7 | Binary acknowledgement | Acknowledgement of received addressed binary data | 1 | RATDMA, FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 8 | Binary broadcast message | Binary data for broadcast communication | 4 | RATDMA ⁽¹⁰⁾ , FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 9 | Standard SAR aircraft position report | Position report for airborne stations involved in SAR operations, only | 1 | SOTDMA, RATDMA, ITDMA ⁽¹⁾ | SOTDMA ITDMA | M |
| 10 | UTC/date inquiry | Request UTC and date | 3 | RATDMA, FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 11 | UTC/date response | Current UTC and date if available | 3 | RATDMA, ITDMA ⁽²⁾ | SOTDMA | M |
| 12 | Addressed safety related message | Safety related data for addressed communication | 2 | RATDMA ⁽¹⁰⁾ , FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 13 | Safety related acknowledgement | Acknowledgement of received addressed safety related message | 1 | RATDMA, FATDMA, ITDMA ⁽²⁾ | N/A | M/B |

| Message ID | Name | Description | Priority | Access scheme | Communication state | M/B |
|------------|--|--|----------|---|---------------------|-----|
| 14 | Safety related broadcast message | Safety related data for broadcast communication | 2 | RATDMA ⁽¹⁰⁾ , FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 15 | Interrogation | Request for a specific message type (can result in multiple responses from one or several stations) ⁽⁴⁾ | 3 | RATDMA, FATDMA, ITDMA ⁽²⁾ | N/A | M/B |
| 16 | Assignment mode command | Assignment of a specific report behaviour by competent authority using a Base station | 1 | RATDMA, FATDMA ⁽²⁾ | N/A | B |
| 17 | DGNSS broadcast binary message | DGNSS corrections provided by a base station | 2 | FATDMA ⁽³⁾ , RATDMA ⁽²⁾ | N/A | B |
| 18 | Standard Class B equipment position report | Standard position report for Class B shipborne mobile equipment to be used instead of Messages 1, 2, 3 ⁽⁸⁾ | 1 | SOTDMA, ITDMA ⁽¹⁾ , CSTDMA | SOTDMA, ITDMA | M |
| 19 | Extended Class B equipment position report | Extended position report for class B shipborne mobile equipment; contains additional static information ⁽⁸⁾ | 1 | ITDMA | N/A | M |
| 20 | Data link management message | Reserve slots for Base station(s) | 1 | FATDMA ⁽³⁾ , RATDMA | N/A | B |
| 21 | Aids-to-navigation report | Position and status report for aids-to-navigation | 1 | FATDMA ⁽³⁾ , RATDMA ⁽²⁾ | N/A | M/B |
| 22 | Channel management ⁽⁶⁾ | Management of channels and transceiver modes by a Base station | 1 | FATDMA ⁽³⁾ , RATDMA ⁽²⁾ | N/A | B |
| 23 | Group assignment command | Assignment of a specific report behaviour by competent authority using a Base station to a specific group of mobiles | 1 | FATDMA, RATDMA | N/A | B |
| 24 | Static data report | Additional data assigned to an MMSI Part A: Name Part B: Static Data | 4 | RATDMA, ITDMA, CSTDMA, FATDMA | N/A | M/B |
| 25 | Single slot binary message | Short unscheduled binary data transmission (Broadcast or addressed) | 4 | RATDMA, ITDMA, CSTDMA, FATDMA | N/A | M/B |

| Message ID | Name | Description | Priority | Access scheme | Communication state | M/B |
|-------------------|--|---|-----------------|-----------------------|----------------------------|------------|
| 26 | Multiple slot binary message with Communications State | Scheduled binary data transmission (Broadcast or addressed) | 4 | SOTDMA, RATDMA, ITDMA | SOTDMA, ITDMA | M/B |
| 27 | Position report for long range applications | Scheduled position report; (Class A shipborne mobile equipment outside base station coverage) | 1 | RATDMA, | N/A | M |