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Aeronautical Information  
Service  
Ballycasey Cross  
Co. Clare  
V14 C446

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### AERONAUTICAL CHARTS FOR CIVIL AVIATION

1. Aeronautical Charts, with the exception of the Ireland ICAO 1:500,000 chart and Ireland 1:250,000 series charts, are published integrally within the Integrated Aeronautical Information Package.

2. **VFR Chart Scale 1:500,000 Edition 12**

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated accordion folded and flat chart Scale 1:500,000. This chart is for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart – this information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland. This chart is available to order at a cost of €30.00 including VAT from:

Post: OSI,  
Map Sales Shop,  
Phoenix Park,  
Dublin 8,

Phone: + 353 1 802 5379

URL: <https://store.osi.ie/index.php/paper-products/aeronautical-charts.html>

3. **VFR Airspace Chart Scale 1:500,000 Edition 2**

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical airspace chart Scale 1:500,000. This chart is for VFR navigation within the boundaries of the Shannon FIR. It is available free to download from the IAA Website:

URL: <https://www.iaa.ie/commercial-aviation/airspace/aeronautical-charts>

4. **VFR Chart Scale 1:250,000 Edition 9**

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated accordion folded and flat chart Scale 1:250,000. It comprises two charts – front and back (East & West, North & South), covering the Shannon FIR. The charts are for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart – this information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland. This chart is available to order at a cost of €30.00 including VAT per chart from:

Post: OSI,  
Map Sales Shop,  
Phoenix Park,  
Dublin 8,

Phone: + 353 1 802 5379

URL: <https://store.osi.ie/index.php/paper-products/aeronautical-charts.html>

## 5. Changes

This edition of the charts includes the following changes/updates as a result of a series of consultation charting workshops:

- a. All correspondences to be sent to [airspace@iaa.ie](mailto:airspace@iaa.ie) going forward.
- b. AIRAC Effective Date - 24th February 2022.
- c. Copyright
  1. OSI
    - © Copyright Irish Aviation Authority 2022 Based on Ordnance Survey Ireland by permission of the Government. © Government of Ireland Permit No. 7317.
  2. Land & Property Services (OSNI)
    - This is Crown Copyright material and is reproduced with the permission of Land & Property Services under delegated authority from the Keeper of Public Records, © Crown Copyright and Database right 2022 VARCA 100763.
- d. MOAs
  1. Military Operational Areas (MOAs) are restricted areas for use by aircraft of the Defence Forces. For flights up to 4500ft AMSL penetration at own discretion is possible by VFR and uncontrolled IFR flights, with or without Mode C transponder. For all flights above 4500ft AMSL Prior permission is required from MIL ATS Casement on 122.000MHz and is subject to compliance with any conditions and instructions issued by Military ATS, Casement Aerodrome and ACFT must be operational Mode C transponder equipped. See AIP ENR 5.2.
- e. AIP:
  1. GEN 0.5 LIST OF HAND AMENDMENTS TO THE AIP
  2. GEN 3.2 AERONAUTICAL CHARTS
    - 3. PURCHASE ARRANGEMENTS
    - 5. LIST OF CHART SERIES
    - 8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP should now read NIL
  3. ENR 1.7 ALTIMETER SETTING PROCEDURES

- 2.1.1 Regional QNH
- 4. ENR 2.2 OTHER REGULATED AIRSPACE
  - 12. AERODROME TRAFFIC ZONES (ATZ)
- 5. ENR 4.5 AERONAUTICAL GROUND LIGHTS
- 6. ENR 5.4 AIR NAVIGATION OBSTACLES - AREA 1
- 7. ALL SSO's HAVE BEEN REMOVED OFF THE CHARTS EXCEPT FOR THOSE LISTED BELOW IN SECTION 9 (ALL SSO'S HAVE STILL BEEN INCLUDED WITHIN THE SSO SPREADSHEET & SSO AMENDMENTS CHARTS – Both of which are available from IAA website.
- 8. ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES
  - 6.1 Introduction
  - 7. Areas of operation
- 9. EIRT AD 2.18 ATS COMMUNICATION FACILITIES
- 10. AD 2.24 CHARTS RELATED TO AERODROME
  - EICK
  - EIDW
  - EIKN
  - EIKY
  - EIME
  - EINN
  - EISG
  - EIWT

6. **Chart Changes**

- a. Isogonals
  - 1. Updated 2021 figures
  - 2. Removed the Magnetic variation Arrow from top left of the 1/500,000 chart
- b. Contours
  - 1. Brown Colour Palette
- c. Airspace
  - 1. Civil
    - Colour and thickness increased

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2. Military
    - Colour and thickness increased
  3. Danger Areas – D5
    - Colour and thickness increased
  - d. Inland Water
    1. Colour similar to the sea
  - e. Spot Height text
    1. Halo added
  - f. FIR Text and 5LNC's
  - g. Obstacles
    1. Symbolology colour
    2. Annotation colour
  - h. Major Obstacle Groups
    1. Display
    2. Legend
      - Displays a polygon where multiple neighbouring obstacles are located. The centroid of the obstacle with the highest elevation (AMSL) is the only one depicted.
      - Symbolology changed
  - i. Towns & Cities
    1. Colour
  - j. Roads
    1. Motorways and Dual Carriageway colour and symbolology
    2. Third Class Roads removed
  - k. Forestry
    1. Transparency reduced
  - l. Helicopter Symbolology
    1. Decreased in size
  - m. Transmission lines
    1. Symbolology and thickness increased
  - n. WST DVOR/DME Removed
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- o. ICAO Designator annotation for Heliports
    - 1. Text and symbology reduced in size
  - p. Midland Microlight
    - 1. Airfield text removed
    - 2. Area of Operation removed
  - q. Railway Lines
    - 1. Symbology
  - r. Legend
    - 1. MOA text box amended
    - 2. Obstacle text box amended
    - 3. Addition of LPS copyright information
    - 4. Symbology changed
      - Contours
      - Roads
      - Towns/Cities
      - Major Group Turbines/Obstacles
      - Single Lit Obstacle
      - Single Unlit Obstacle
      - Multiple Lit Obstacle
      - Multiple Unlit Obstacle
      - Turbine Lit
      - Turbine Unlit
      - Windfarm Lit
      - Windfarm Unlit
      - Airspace
7. **Hand Amendments** (Users are reminded that Aeronautical Information outside the Shannon FIR is not part of the Irish integrated aeronautical package. Check UK AIP for the appropriate area.)
- 1. EISN-0445-Limerick, Rathcahill Wind Farm REMOVED
    - 52° 23' 26.93" N, 009° 08' 22.03" W
    - Height: 394ft Elevation: 1346ft

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2. EISN-0273, Galway, Knockalough Wind Farm Removal
    - 53° 18' 15.11" N, 009° 14' 33.73" W
    - Height: 430ft Elevation: 896ft
  3. EISN-0448-Limerick Blow Moulding Turbine, Parteen, Clare
    - 52° 41' 39.37" N, 008° 36' 26.40" W
    - Height: 328ft Elevation: 383ft
  4. Midlands Microlight Airfield Area Of Operations Removal
    - 52° 53' 33.12"N, 007° 15' 45.72" W
  5. Westmeath, Snug Beag Airfield Added
    - 53° 37' 42.00" N, 007° 00' 38.00" W
  6. EISN-0188-Tipperary, Lisheen Wind Farm Extension
    - 52° 47' 36.33" N, 007° 37' 57.21" W
    - Height: 555ft Elevation: 1011ft
  7. ~~EISN-0449-Tipperary, Longfordpass South Met Mast~~
    - ~~52° 40' 08.82" N, 007° 38' 59.29" W~~
    - ~~Height: 328ft Elevation: 743ft~~
  8. EISN-0203-Wexford, Castledockrell Wind Farm
    - 52° 35' 07.01" N, 006° 38' 35.27"W
    - Height: 393ft Elevation: 1075ft
  9. EISN-0450, Offaly, Met Mast at Derrygreenagh
    - 53° 23' 13.20" N, 007° 15' 39.60" W
    - Height: 328ft Elevation: 591ft
  10. EISN-0452, Tipperary, Glencarbry Wind Farm
    - 52° 37' 30.89" N, 008° 05' 11.27" W
    - Height: 411ft Elevation: 1812ft
  11. EISN-0453, Donegal, Clogherchullion & Cloghercor Mast
    - 54° 52' 23.28" N, 008° 13' 12.87" W
    - Height: 328ft Elevation: 615ft

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12. EISN-0454, Wexford, Ballynancoran Wind Farm
    - 52° 40' 23.86" N, 006° 31' 20.73" W
    - Height: 385ft Elevation: 976ft
  13. EISN-0451, Wexford, Ballyduff Wind Farm
    - 52° 38' 45.45" N, 006° 28' 53.41" W
    - Height: 361ft Elevation: 1246ft
  14. EISN-0455, Cork, Inchamore Lit Met Mast
    - 51° 57' 08.50" N, 009° 16' 24.25" W
    - Height: 328ft Elevation: 1355ft
  15. EISN-0456, Cork, Ballinagree Lit Met Mast
    - 51° 59' 48.88" N, 008° 56' 17.95" W
    - Height: 328ft Elevation: 1172ft
  16. New ICAO Designator EIBG for Ballynarooga More South Heliport, Ballingarry, Limerick
    - 52° 27' 28.13" N, 008° 52' 44.15" W
  17. New ICAO Designator EIFN for Friarstown North Heliport, Ballysheedy, Limerick
    - 52° 35' 35.66" N, 008° 37' 24.73" W
  18. ~~Removal of EISN-0299 Clare, Lahinch/Ennistimon Area Met Mast~~
    - ~~53° 03' 46.20" N, 009° 15' 25.80" W~~
    - ~~Height: 328ft Elevation: 1328ft~~
  19. EISN-0457, Tipperary, Garracummer Wind farm
    - 52° 39' 27.39" N, 008° 07' 47.27" W
    - Height: 361ft Elevation: 1785ft
  20. SSO-EISN-0227, Carlow, Bagnelstown Wind Turbine
    - 52° 41' 39.99" N, 006° 56' 47.60" W
    - Height: 280ft Elevation: 585ft
8. **Safety Significant Obstacles left on charts**
- a. SSO-EISN-0050, Kildare, Drehid Met Mast
    - 53° 21' 59.25" N, 006° 53' 25.23" W
    - Height: 265ft Elevation: 540ft

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- b. UK0172A008F, Derry, Pylon
    - 55° 02' 38.25" N, 007° 15' 04.04" W
    - Height: 314ft Elevation: 317ft
  - c. UK0172A007F, Derry, Pylon
    - 55° 02' 51.84" N, 007° 15' 16.14" W
    - Height: 313ft Elevation: 316ft
  - d. SSO-EISN-0023, Donegal, Glackmore Hill Wind Turbine
    - 55° 07' 27.93" N, 007° 16' 22.94" W
    - Height: 325ft Elevation: 1446ft
  - e. SSO-EISN-0191, Wexford, FerryPoint Mast
    - 51° 57' 11.27" N, 007° 49' 36.29" W
    - Height: 40ft Elevation: 247ft
  - f. SSO-EISN-0081, Roscommon, Lagan Hill Wind Farm
    - 53° 56' 42.64" N, 008° 33' 37.65" W
    - Height: 203ft Elevation: 846ft
  - g. SSO-EISN-0036, Galway, Derrybrien Wind Farm
    - 53° 05' 42.16" N, 008° 36' 48.15" W
    - Height: 250ft Elevation: 1439ft
  - h. SSO-EISN-0183, Tipperary, Killduff Masts
    - 52° 50' 06.75" N, 007° 54' 35.90" W
    - Height: 170ft Elevation: 1632ft

## 9. Consultation

The Authority welcomes comments and suggestions regarding all aspects of chart production and will endeavour to incorporate in future editions as many suggestions as possible with due regard to the purpose of the individual chart and the standards of ICAO Annexes 4 and 15. Please send your comments or suggestions via email to [airspace@iaa.ie](mailto:airspace@iaa.ie)