



Shannon FIR Airspace Amendment of 08th December 2016

The purpose of this direction is to prescribe the vertical and lateral extent of all control zones, control areas and applicable airspace classification within, and including, the Shannon Flight Information Region, with all geographical co-ordinates in the World Geodetic System of 1984. This direction supersedes the previous direction Shannon FIR Airspace Amendment of 01st May 2014.

The Irish Aviation Authority in pursuance of Articles 11 and 16 and Rule 9 of Part II of the Irish Aviation Authority (Rules of the Air) Order, 2004 (S.I. No. 72/2004) hereby directs that as and from 00:01hours on the 08th December 2016 the vertical and lateral extent of control zones, control areas and associated airspace classifications, within and including the Shannon Flight Information Regions shall be as follows: -

Definitions

TOP: Maximum Level of an area of airspace.

BASE: Minimum Level of an area of airspace.

AREA database: A name attributed to a collection of data defining the boundaries of the airspace organisation components as described in the database interpretative material at Appendix 1.

“**EIR...**” means, for purposes of this Direction, a restricted area, within a designated area, individually identified by a number and the boundary of which is defined by co-ordinates and data in the AREA database as specified in Part 1 of the Irish Aviation Authority (Designated Areas) Order and as depicted, by way of illustration only, on the map in Part III of the Irish Aviation Authority (Designated Areas) Order;

Airspace

1) Flight Information Region

The Shannon Flight Information Region shall have vertical and lateral extent as defined by the AREA database and database interpretative material, attached at appendix 1, as follows:

- Lateral extent within the area boundaries defined by Point Sequence, Point Name/Description, Latitude, Longitude, Line Type, Centre Latitude, Centre Longitude and Radius (NM),
- Vertical extent from BASE up to and including TOP,
- Airspace classification shall be Class G except where otherwise specified as Class C at 2) and 3) below.

2) Control Zones

Control Zones at the airports of Cork, Donegal, Dublin, Connaught, Kerry, Shannon, Sligo and Waterford shall have vertical and lateral extent as defined by the AREA database and database interpretative material, attached at appendix 1, for each airport as follows:

- Lateral extent within the area boundaries defined by Point Sequence, Point Name/Description, Latitude, Longitude, Line Type, Centre Latitude, Centre Longitude and Radius (NM),
- Vertical extent from BASE up to and including TOP,
- Airspace classification shall be Class C.

3) Control Areas

(a) Dublin Control Area shall have vertical and lateral extent as defined by the AREA database and database interpretative material, attached at appendix 1, as follows:

- Lateral extent within the area boundaries defined by Point Sequence, Point Name/Description, Latitude, Longitude, Line Type, Centre Latitude, Centre Longitude and Radius (NM),

- Vertical extent from BASE up to and including TOP,
- Airspace classification shall be Class C.

(b) Shannon Control Area shall have vertical and lateral extent as defined by the AREA database and database interpretative material, attached at appendix 1, as follows:

- Lateral extent within the area boundaries defined by Point Sequence, Point Name/Description, Latitude, Longitude, Line Type, Centre Latitude, Centre Longitude and Radius (NM), for all areas with Airspace Name indicators EISN or EINN,
- Vertical extent from BASE up to and including TOP,
- Airspace classification shall be Class C.

And also;

All airspace with lateral extent within the Shannon Flight Information Region defined at 1) above, except the Dublin Control Area defined at 3) (a) above and the Shannon Control Area defined at 3) (b) above with:

- Vertical extent from FL75 up to and including FL660,
- Airspace classification shall be Class C.

- 4) The Shannon Control Area at and above FL250 shall be known as the Shannon Upper Control Area.
- 5) The Shannon Flight Information Region at and above FL250 shall be known as the Shannon Upper Flight Information Region.
- 6) During periods when no ATC service is provided at Donegal, or Connaught, or Kerry, or Sligo or Waterford airport then:
 - The control zone associated with that airport and,
 - The associated controlled airspace defined in the AREA database as Eastern Stub and Western Stub, or Northern Stub and Southern Stub, and Base 5000, shall revert from Class C airspace to Class G airspace.
- 7) The associated controlled airspace defined in the AREA database as CTA 1 Base 1500 Eglinton, CTA 2 Base 2000 Eglinton & CTA 3 Base 3000 Eglinton shall:
 - During periods when ATS service is provided at Eglinton it Change to Class C from Class G when activated by ATS Eglinton and;
 - Shall revert from Class C airspace to Class G airspace when no ATS service is provided by Eglinton.

This direction amends and updates the Shannon FIR Airspace Amendment of 01st May 2012 which is hereby revoked.

Signed:



Ralph James
Director SRD, (an officer authorised in that behalf by the Authority)
Irish Aviation Authority
Date: 08th December 2016.

Explanatory Note

(This note is not part of the direction and does not purport to be a legal interpretation)

This direction provides that, all controlled airspace within the Shannon FIR/UIR shall be Class C and all uncontrolled airspace shall be Class G.

APPENDIX 1

AREA DATABASE

AND

DATABASE INTERPRETATIVE MATERIAL

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		1		55 20 00.0000 N	006 55 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		2		54 25 00.0000 N	008 10 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		3		53 55 00.0000 N	005 30 00.0000 W	Meridian				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		4		52 20 00.0000 N	005 30 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		5	LESLU			Parallel				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		6		51 00 00.0000 N	015 00 00.0000 W	Meridian				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		7		54 00 00.0000 N	015 00 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		8		54 34 00.0000 N	010 00 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		9		54 45 00.0000 N	009 00 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		10		55 20 00.0000 N	008 15 00.0000 W	Geodesic				SFC	UNL
EISN	FIR-UIR	Shannon Upper/Lower Flight Information Region		11		55 25 00.0000 N	007 20 00.0000 W	Geodesic				SFC	UNL
EIWF	CTR	Waterford Control Zone						Circle	EIWF ARP	EIWF ARP	010.00	SFC	5000
EISG	CTR	Sligo Control Zone						Circle	EISG ARP	EISG ARP	010.00	SFC	5000
EINN	CTR	Shannon Control Zone		1		52 30 03.9308 N	008 40 53.0000 W	Arc	EINN ARP	EINN ARP	015.00	SFC	5000
EINN	CTR	Shannon Control Zone		2		52 45 38.8265 N	008 31 30.5656 W	Geodesic				SFC	5000
EINN	CTR	Shannon Control Zone		3		52 41 01.5352 N	008 39 08.4314 W	Arc (A)	52 39 58.0000 N	008 40 53.0000 W	001.50	SFC	5000
EINN	CTR	Shannon Control Zone		4		52 38 28.1292 N	008 40 53.0000 W	Meridian				SFC	5000
EIKY	CTR	Kerry Control Zone						Circle	EIKY ARP	EIKY ARP	010.00	SFC	5000
EIDW	CTR	Dublin Control Zone		1		53 34 44.7360 N	005 54 20.2401 W	Arc	MSSR 2	MSSR 2	015.00	SFC	5000
EIDW	CTR	Dublin Control Zone		2		53 11 51.8190 N	006 21 30.3500 W	Meridian				SFC	5000
EIDW	CTR	Dublin Control Zone		3		53 14 39.2400 N	006 21 30.3500 W	Geodesic				SFC	5000
EIDW	CTR	Dublin Control Zone		4		53 14 36.7000 N	006 37 07.3300 W	Geodesic				SFC	5000
EIDW	CTR	Dublin Control Zone		5		53 22 01.6300 N	006 42 36.9100 W	Geodesic				SFC	5000
EIDW	CTR	Dublin Control Zone		6		53 21 26.9143N	006 37 57.8645W	Arc	WST VOR/DME	WST VOR/DME	005.00	SFC	5000
EIDW	CTR	Dublin Control Zone		7		53 24 03.4598N	006 36 26.3241W	Geodesic				SFC	5000
EIDW	CTR	Dublin Control Zone		8		53 23 47.2503N	006 31 17.3858W	Arc	MSSR 2	MSSR 2	010.00	SFC	5000
EIDW	CTR	Dublin Control Zone		9		53 34 44.9201N	006 24 11.2193W	Geodesic				SFC	5000
EIDL	CTR	Donegal Control Zone		1		55 12 16.5763 N	008 25 04.4941 W	Arc	EIDL ARP	EIDL ARP	010.00	SFC	5000
EIDL	CTR	Donegal Control Zone		2		55 02 24.0175 N	008 37 50.2043 W	Geodesic				SFC	5000
EICK	CTR	Cork Control Zone						Circle	EICK ARP	EICK ARP	015.00	SFC	5000
EIKN	CTR	Connaught Control Zone						Circle	EIKN ARP	EIKN ARP	010.00	SFC	5000

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EISN	CTA	Shannon Class C Associated with Waterford	Southern Stub	1		52 04 56.2420 N	007 17 49.0041 W	Arc (A)	EIWF ARP	EIWF ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Southern Stub	2		52 01 22.0607 N	007 02 41.2713 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Southern Stub	3		51 50 47.6976 N	007 09 15.2037 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Southern Stub	4		51 54 21.0444 N	007 24 19.8862 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Northern Stub	1		52 31 39.9304 N	007 01 07.1973 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Northern Stub	2		52 28 03.6110 N	006 45 51.6977 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Northern Stub	3		52 17 30.2382 N	006 52 33.5659 W	Arc (A)	EIWF ARP	EIWF ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Northern Stub	4		52 21 05.7081 N	007 07 45.9817 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Waterford	Base 5000					Circle	EIWF ARP	EIWF ARP	010.00	5000	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Western Stub	1		54 23 15.8852 N	008 48 59.2581 W	Arc (A)	EISG ARP	EISG ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Western Stub	2		54 13 26.2875 N	008 51 59.8375 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Western Stub	3		54 15 24.3007 N	009 11 01.8254 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Western Stub	4		54 25 14.3570 N	009 08 05.6528 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Eastern Stub	1		54 18 03.0216 N	008 00 50.2222 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Eastern Stub	2		54 08 14.6596 N	008 04 01.8253 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Eastern Stub	3		54 10 20.2427 N	008 22 59.1078 W	Arc (A)	EISG ARP	EISG ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Eastern Stub	4		54 20 09.1067 N	008 19 51.8461 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Sligo	Base 5000					Circle	EISG ARP	EISG ARP	010.00	5000	FL75
EINN	CTA	Shannon Class C Associated with Shannon	Coonagh Stub	1	EINN/CTR/2			Arc	EINN ARP	EINN ARP	015.00	1000	5000
EINN	CTA	Shannon Class C Associated with Shannon	Coonagh Stub	2	EINN/CTR/1			Meridian				1000	5000
EINN	CTA	Shannon Class C Associated with Shannon	Coonagh Stub	3	EINN/CTR/4			Arc	52 39 58.0000 N	008 40 53.0000 W	001.50	1000	5000
EINN	CTA	Shannon Class C Associated with Shannon	Coonagh Stub	4	EINN/CTR/3			Geodesic				1000	5000
EINN	CTA	Shannon Class C Associated with Shannon	Base 5000					Circle	EINN ARP	EINN ARP	015.00	5000	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	1	EINN/CTA/BASE 2500/6			Geodesic				3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	2	EINN/CTA/BASE 2500/3			Arc	EINN ARP	EINN ARP	018.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	3	EINN/CTA/BASE 2500/4			Geodesic				3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	4	EINN/CTA/BASE 2500/5			Arc	EINN ARP	EINN ARP	025.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	5	EINN/CTA/BASE 2500/6			Pseudo				3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	6		53 11 17.0300 N	008 44 11.7600 W	Arc	EINN ARP	EINN ARP	030.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	7		52 15 18.8000 N	008 33 34.6300 W	Arc	EICK ARP	EICK ARP	025.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	8		51 52 15.7100 N	009 09 30.9900 W	Geodesic				3500	FL660

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	9		52 02 02.4500 N	009 39 02.5900 W	Arc (A)	EIKY ARP	EIKY ARP	010.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	10		52 16 30.1900 N	009 44 49.4900 W	Geodesic				3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	11		52 24 46.9900 N	009 35 33.5100 W	Arc	EINN ARP	EINN ARP	030.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	12		53 11 02.3476 N	009 08 24.6646 W	Arc (A)	EICM ARP	EICM ARP	010.00	3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 3500	13	EINN/CTA/BASE 3500/6			Pseudo				3500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	1	EINN/CTA/BASE 5000			Pseudo				2500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	2		52 48 45.7878 N	008 27 57.6789 W	Arc	EINN ARP	EINN ARP	018.00	2500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	3		52 40 18.5804 N	008 26 03.6280 W	Geodesic				2500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	4		52 39 02.4679 N	008 14 43.8359 W	Arc	EINN ARP	EINN ARP	025.00	2500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	5		52 51 06.4825 N	008 17 05.0653 W	Geodesic				2500	FL660
EINN	CTA	Shannon Class C Associated with Shannon	Base 2500	6	EINN/CTA/Base 2500/2			Pseudo				2500	FL660
EISN	CTA	Shannon Class C Associated with Kerry	Western Stub	1		52 12 46.9034 N	009 47 22.3367 W	Arc (A)	EIKY ARP	EIKY ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Kerry	Western Stub	2		52 03 20.1240 N	009 42 06.4043 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Kerry	Western Stub	3		52 01 16.6868 N	009 51 48.9641 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Kerry	Western Stub	4		52 10 43.0297 N	009 57 06.7053 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Kerry	Eastern Stub	1		52 17 21.2818 N	009 00 40.0584 W	Geodesic				2500	3500
EISN	CTA	Shannon Class C Associated with Kerry	Eastern Stub	2		52 12 28.1100 N	008 58 01.7679 W	Geodesic				2500	3500
EISN	CTA	Shannon Class C Associated with Kerry	Eastern Stub	3		52 08 53.2646 N	009 15 30.3047 W	Arc (A)	EIKY ARP	EIKY ARP	010.00	2500	3500
EISN	CTA	Shannon Class C Associated with Kerry	Eastern Stub	4		52 18 21.2167 N	009 20 41.2393 W	Geodesic				2500	3500
EISN	CTA	Shannon Class C Associated with Kerry	Eastern Stub	5		52 19 46.8036 N	009 13 45.5368 W	Arc (A)	EINN ARP	EINN ARP	025.00	2500	3500
EISN	CTA	Shannon Class C Associated with Kerry	Base 5000					Circle	EIKY ARP	EIKY ARP	010.00	5000	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Southern Stub	1		54 52 48.5591 N	008 17 34.1176 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Southern Stub	2		54 42 11.9018 N	008 24 23.3986 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Southern Stub	3		54 45 38.9183 N	008 40 34.5706 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Southern Stub	4		54 56 16.4956 N	008 33 48.9667 W	Arc (A)	EIDL ARP	EIDL ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	1		55 19 35.8421 N	008 00 03.5276 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	2		55 09 00.2221 N	008 07 02.0065 W	Arc (A)	EIDL ARP	EIDL ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	3		55 12 29.5297 N	008 23 22.5407 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	4		55 14 40.1401 N	008 21 57.7629 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	5	EISN/FIR-UIR/10			Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Northern Stub	6		55 20 51.3096 N	008 05 55.3262 W	Geodesic				2500	FL75

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EISN	CTA	Shannon Class C Associated with Donegal	Base 5000	1	EIDL/CTR/1			Arc	EIDL ARP	EIDL ARP	010.00	5000	FL75
EISN	CTA	Shannon Class C Associated with Donegal	Base 5000	2	EIDL/CTR/2			Geodesic				5000	FL75
EISN	CTA	Shannon Class C Associated with Cork	Base 5000					Circle	EICK ARP	EICK ARP	015.00	5000	FL660
EISN	CTA	Shannon Class C Associated with Cork	Base 2500	1		52 04 29.0430 N	008 52 30.7681 W	Arc	EICK ARP	EICK ARP	020.00	2500	FL660
EISN	CTA	Shannon Class C Associated with Cork	Base 2500	2		51 55 30.6735 N	009 00 42.0170 W	Geodesic				2500	FL660
EISN	CTA	Shannon Class C Associated with Cork	Base 2500	3		51 54 14.9276 N	008 52 53.2768 W	Arc (A)	EICK ARP	EICK ARP	015.00	2500	FL660
EISN	CTA	Shannon Class C Associated with Cork	Base 2500	4		52 00 58.1609 N	008 46 45.6178 W	Geodesic				2500	FL660
EISN	CTA	Shannon Class C Associated with Connaught	Western Stub	1		53 57 48.3149 N	009 05 08.6187 W	Arc (A)	EIKN ARP	EIKN ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Western Stub	2		53 48 01.2490 N	009 01 47.0594 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Western Stub	3		53 45 45.0104 N	009 20 30.6917 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Western Stub	4		53 55 31.5419 N	009 23 56.4355 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Eastern Stub	1		54 03 20.8407 N	008 17 29.1959 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Eastern Stub	2		53 53 32.4962 N	008 14 18.3485 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Eastern Stub	3		53 51 23.6808 N	008 33 06.9714 W	Arc (A)	EIKN ARP	EIKN ARP	010.00	2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Eastern Stub	4		54 01 11.5328 N	008 36 22.0719 W	Geodesic				2500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	1	EISN/CTA/Western Stub/2			Arc (A)	EIKN ARP	EIKN ARP	010.00	4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	2	EISN/CTA/Eastern Stub/3			Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	3	EISN/CTA/Eastern Stub/2			Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	4	EISN/CTA/Eastern Stub/1			Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	5		54 05 12.1951 N	008 00 50.5227 W	Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	6		53 50 29.6454 N	007 56 04.5979 W	Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	7		53 40 51.7020 N	009 18 48.4162 W	Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Southern Stub	8	EISN/CTA/Western Stub/3			Geodesic				4500	FL75
EISN	CTA	Shannon Class C Associated with Connaught	Base 5000					Circle	EIKN ARP	EIKN ARP	010.00	5000	FL75
EIDW	CTA	Dublin Control Area	Base FL75	1		52 45 34.2724 N	005 30 00.0000 W	Meridian				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	2	EISN/FIR-UIR/4			Geodesic				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	3		52 36 50.2229 N	006 37 01.3037 W	Geodesic				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	4	EIDW/CTA/Base 4500/12			Meridian				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	5	EIDW/CTA/Base 4500/11			Parallel				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	6	EIDW/CTA/Base 4500/10			Geodesic				FL75	FL245
EIDW	CTA	Dublin Control Area	Base FL75	7	EIDW/CTA/Base 4500 East/3			Parallel				FL75	FL245

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EIDW	CTA	Dublin Control Area	Base 5000	1	EIDW/CTR/1			Arc	MSSR 2	MSSR 2	015.00	5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	2	EIDW/CTR/2			Meridian				5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	3	EIDW/CTR/3			Geodesic				5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	4	EIDW/CTR/4			Geodesic				5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	5	EIDW/CTR/5			Geodesic				5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	6	EIDW/CTR/6			Arc	WST VOR/DME	WST VOR/DME	005.00	5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	7	EIDW/CTR/7			Geodesic				5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	8	EIDW/CTR/8			Arc	MSSR 2	MSSR 2	010.00	5000	FL245
EIDW	CTA	Dublin Control Area	Base 5000	9	EIDW/CTR/9			Geodesic				5000	FL245
EIDW	CTA	Dublin Control Area	Base 4500 East	1	EIDW/CTA/Base 2500/2			Meridian				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500 East	2		52 45 34.2724 N	005 30 00.0000 W	Parallel				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500 East	3		52 45 34.2724 N	005 57 27.4887 W	Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500 East	4	EIDW/CTA/Base 2500/3			Arc (A)	MSSR 2	MSSR 2	034.00	4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	1	EISN/FIR-UIR/3			Meridian				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	2		53 46 01.5868 N	005 30 00.0000 W	Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	3		53 40 53.2081 N	005 41 03.7570 W	Arc (A)	MSSR 2	MSSR 2	025.00	4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	4	EIDW/CTA/Base 3500/6			Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	5	EIDW/CTR/3			Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	6	EIDW/CTR/2			Arc (A)	MSSR 2	MSSR 2	015.00	4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	7	EIDW/CTA/Base 3000/4			Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	8	EIDW/CTA/Base 3000/3			Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	9	EIDW/CTA/Base 3000/2			Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	10		52 55 00.0000 N	006 01 50.9612 W	Parallel				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	11		52 55 00.0000 N	006 50 00.0000 W	Meridian				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	12		52 45 34.2724 N	006 50 00.0000 W	Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	13		53 05 26.9908 N	007 20 00.0000 W	Meridian				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	14		53 45 07.9824 N	007 20 00.0000 W	Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 4500	15		54 09 42.8998 N	006 45 38.4848 W	Geodesic				4500	FL245
EIDW	CTA	Dublin Control Area	Base 3500	1	EIDW/CTA/Base 2500/11			Geodesic				3500	FL245
EIDW	CTA	Dublin Control Area	Base 3500	2	EIDW/CTA/Base 2500/10			Arc (A)	MSSR 2	MSSR 2	020.00	3500	FL245
EIDW	CTA	Dublin Control Area	Base 3500	3	EIDW/CTA/Base 2500/9			Geodesic				3500	FL245

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EIDW	CTA	Dublin Control Area	Base 3500	4	EIDW/CTA/Base 2500/8			Geodesic				3500	FL245
EIDW	CTA	Dublin Control Area	Base 3500	5	EIDW/CTR/4			Geodesic				3500	FL245
EIDW	CTA	Dublin Control Area	Base 3500	6		53 14 32.4300 N	006 51 52.8000 W	Arc	MSSR 2	MSSR 2	025.00	3500	FL245
EIDW	CTA	Dublin Control Area	Base 3000	1	EIDW/CTA/Base 2500/4			Geodesic				3000	FL245
EIDW	CTA	Dublin Control Area	Base 3000	2		53 02 06.6236 N	006 05 10.9700 W	Arc	MSSR 2	MSSR 2	025.00	3000	FL245
EIDW	CTA	Dublin Control Area	Base 3000	3		53 01 30.7131 N	006 10 57.2171 W	Geodesic				3000	FL245
EIDW	CTA	Dublin Control Area	Base 3000	4		53 11 24.0646 N	006 13 31.9279 W	Arc (A)	MSSR 2	MSSR 2	015.00	3000	FL245
EIDW	CTA	Dublin Control Area	Base 2500	1	BOYNE			Meridian				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	2		53 05 50.9299 N	005 30 00.0000 W	Arc	MSSR 2	MSSR 2	034.00	2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	3		52 53 27.5457 N	006 01 07.7672 W	Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	4		53 11 43.5415 N	006 09 43.2675 W	Arc (A)	MSSR 2	MSSR 2	015.00	2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	5	EIDW/CTA/Base 1500/5			Meridian				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	6	EIDW/CTA/Base 1500/4			Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	7	EIDW/CTA/Base 1500 West/4			Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	8		53 15 28.6698N	006 37 45.5194W	Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	9		53 18 38.2200 N	006 45 56.2900 W	Arc	MSSR 2	MSSR 2	020.00	2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	10		53 45 39.7204 N	006 06 37.3962 W	Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	11		53 50 15.9182 N	006 03 07.8985 W	Arc	MSSR 2	MSSR 2	025.00	2500	FL245
EIDW	CTA	Dublin Control Area	Base 2500	12		53 40 53.2081 N	005 41 03.7570 W	Geodesic				2500	FL245
EIDW	CTA	Dublin Control Area	Base 1500	1	EIDW/CTR/1			Geodesic				1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500	2	EIDW/CTR/9			Arc (A)	MSSR 2	MSSR 2	010.00	1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500	3	EIDW/CTR/8			Geodesic				1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500	4		53 23 58.9537N	006 35 00.0000W	Geodesic				1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500	5		53 35 31.2233 N	006 35 00.0000 W	Arc	MSSR 2	MSSR 2	015.00	1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500 West	1	EIDW/CTR/7			Arc (A)	WST VOR/DME	WST VOR/DME	005.00	1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500 West	2	EIDW/CTR/6			Geodesic				1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500West	3	EIDW/CTR/5			Geodesic				1500	FL245
EIDW	CTA	Dublin Control Area	Base 1500 West	4		53 24 28.1647N	006 44 25.6747W	Geodesic				1500	FL245
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 1 Base 1500	1		54 55 06.0000N	007 29 26.0000W	Geodesic				1500	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 1 Base 1500	2		55 02 05.0000N	007 33 32.0000W	Geodesic				1500	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 1 Base 1500	3		55 05 27.0000N	007 15 20.0000W	Geodesic				1500	FL75

ASPC NAME	ASPC TYPE	ASPC DESC 1	ASPC DESC 2	PT SEQ	PT NAME/DESC	LATITUDE	LONGITUDE	LINE TYPE	CENTRE LAT	CENTRE LONG	RADIUS (NM)	BASE	TOP
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 2 Base 2000	1	EGAE/CTA 1 Base 1500/1			Geodesic				2000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 2 Base 2000	2		54 52 12.0000N	007 33 29.0000W	Geodesic				2000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 2 Base 2000	3		55 01 14.0000N	007 38 07.0000W	Geodesic				2000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 2 Base 2000	4	EGAE/CTA 1 Base 1500/2			Geodesic				2000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 3 Base 3000	1	EGAE/CTA 1/ Base 1500/3			Geodesic				3000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 3 Base 3000	2		55 03 17.0000N	007 27 03.0000W	Geodesic				3000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 3 Base 3000	3				Arc	EGAE ARP	EGAE ARP	010.00	3000	FL75
EGAE	CTA	Shannon Class C Associated with Eglinton	CTA 3 Base 3000	4		55 12 17.0000N	007 05 47.0000W	Geodesic				3000	FL75

DATABASE INTERPRETATIVE MATERIAL

AREA Database Description:

The AREA database contains a listing of data defining the boundaries of the Irish Airspace Organisation components.

AREA Database Structure:

1. (a) The database contains blocks of airspace. Each block is identified uniquely using the column identifiers ASPC NAME, ASPC TYPE, ASPC DESC 1 and ASPC DESC 2.
 - (b) The boundaries of each block are defined by a sequence of points, one at each apex, joined by a specific line type.
 - (c) Each record contains the point name/description or geographic co-ordinates, representing the sequence point, together with the line type joining that point to the subsequent sequence point contained in the following record.
 - (d) The final sequence point for each block is joined to the first sequence point.
 - (e) Where a line type ARC or Circle is given, then data representing the centre and radius are included in the record.
 - (f) The line type 'Pseudo' is used to join the inner boundary of a 'doughnut' shaped area with the outer boundary in a continuum within the database. Such lines are not for display.
 - (g) Where a record contains a point common to another record within the database, such point is identified in the field under the column identifier "PT NAME/DESC" by reference to the appropriate field entries of the common point's record, separated by a forward slash. This ensures that co-ordinates of a point are not entered into the database more than once.
2. All geographic co-ordinates are provided in WGS-84.

AREA Database Listing of Column Identifiers

The listing of data in the AREA database contains the following column identifier abbreviations:

Abbreviation	Column Identifier
ASPC NAME	Airspace Name
ASPC TYPE	Airspace Type
ASPC DESC 1	Airspace Description one
ASPC DESC 2	Airspace Description two
PT SEQ	Point Sequence
PT NAME/DESC	Point Name/Description
CENTRE LAT	Centre Latitude
CENTRE LONG	Centre Longitude
RADIUS (NM)	Radius in Nautical Miles

AREA Database Data Element Abbreviation Description

(1) Line Type

Line Type abbreviations for data elements within the AREA Database include the following descriptions:-

Line Type	Description
ARC	ARC of small circle – clockwise
ARC (A)	ARC of small circle – anticlockwise
Meridian	Meridian of Longitude
Parallel	Parallel of Latitude
Circle	Small circle

(2) Airspace Name

Airspace name abbreviations for data elements within the AREA Database include the following descriptions:-

Airspace Name	Description
EISN	Shannon Area Indicator
EIDW	Dublin Airport Indicator
EIDL	Donegal Airport Indicator
EISG	Sligo Airport Indicator
EIKN	Connaught Airport Indicator
EINN	Shannon Airport Indicator
EICK	Cork Airport Indicator
EIKY	Kerry Airport Indicator
EIWF	Waterford Airport Indicator
EGAE	Eglinton Airport Indicator

(3) Airspace Type

Airspace type abbreviations for data elements within the AREA database include the following descriptions:-

Airspace Type	Description
FIR-UIR	Flight Information Region & Upper Flight Information Region
CTR	Control Zone
CTA	Control Area

(4) Other Elements

Abbreviations for other data elements within the AREA database include the following descriptions:-

Data Element	Description
ARP	Aerodrome Reference Point
FL	Flight Level
SFC	Surface
UNL	Unlimited
MSSR 2	Monopulse Secondary Surveillance Radar Head 2
DVOR/DME	Co-located Doppler VOR and DME

Data Element Values

Values for data elements within the AREA Database contained within Appendix 1 include the following:

Data Element	Latitude	Longitude
BOYNE	53 46 01.5868 N	005 30 00.0000 W
LESLU	51 00 00.0000N	008 00 00.0000W
EIDW ARP	53 25 16.8017N	006 16 12.2699W
EIDL ARP	55 02 39.0891N	008 20 27.5960W
EISG ARP	54 16 48.7683N	008 35 57.1479W
EIKN ARP	53 54 37.0688N	008 49 06.5676W
EINN ARP	52 42 07.1151N	008 55 29.3364W
EICK ARP	51 50 28.5672N	008 29 28.0049W
EICM ARP	53 18 00.6334N	008 56 29.7306W
EIKY ARP	52 10 51.1608N	009 31 25.6247W
EIWF ARP	52 11 13.9199N	007 05 13.0659W
MSSR 2	53 26 20.8170N	006 15 08.2987W
WST DVOR/DME	53 21 09.9700N	006 29 38.0900W
EGAE ARP	55 02 34.0000N	007 09 43.0000W