



## DIRECTION

### Prohibited and Danger Areas Amendment of June 10<sup>th</sup>, 2004

The Irish Aviation Authority, in pursuance of Article 11 and Article 16 of the Irish Aviation Authority (Rules of the Air), Order 2004, (S.I. No. 72 of 2004) hereby directs that as and from 00:01 hours on the 10<sup>th</sup> June, 2004 the vertical and lateral extent of Prohibited Areas and Danger Areas within the State and, the periods applicable to these areas shall be as follows:-

#### **Definitions**

**Prohibited Area:** An airspace of defined dimensions, above land areas or territorial waters of a state, within which the flight of aircraft is prohibited.

**Danger Area:** An airspace of defined dimensions within which activities dangerous to the flight of aircraft may exist at specified times.

**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 areas as described in the database interpretative material at Appendix 1.

#### **Prohibited Areas**

Prohibited Areas:

EIP8 at Portlaoise, Co. Laois,

EIP9 at Limerick City,

EIP10 at the Curragh Military Camp, Co. Kildare,

EIP11 at the Phoenix Park, Dublin,

EIP18 at Mountjoy Prison, Dublin,

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

The applicable periods for Prohibited Areas EIP8, EIP9, EIP10, EIP11 and EIP18 shall be twenty-four hours per day.

### **Danger Areas**

Danger Areas:

EID1 at Gormanston, Co. Louth,

EID5 at the Glen of Imaal, Co. Wicklow,

EID6 at Kilworth, Co. Cork,

EID13, in the Sea/Costal Area South South West of Cork,

EID14, Sea Area South West of Kerry,

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

The applicable periods for Danger Areas EID1, EID5, EID6, EID13, EID14, shall be twenty-four hours per day.

The vertical and lateral limits and periods applicable to these areas specified in previous directions or otherwise promulgated in NOTAMs, Aeronautical Information Circulars and the Aeronautical Information Publication, are superseded by this direction.

J.Nolan

John Nolan

Director/ Safety Regulation Division

Date: 31/3/2004

## **Explanatory Note**

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

The purpose of this direction is to:

- (a) prescribe the vertical and lateral extent of all **Prohibited Areas** and **Danger Areas** within the State, with geographic co-ordinates in the World Geodetic System of 1984; and
- (b) the activation periods applicable to these areas.
  - 1. This direction revokes and re-enacts existing Danger Areas and Prohibited Areas but with:-
    - lateral limits for all areas based on co-ordinates in the World Geodetic System of 1984.
  - 2. This direction amends:-
    - a. the lateral extent of the EID5 area at the Glen of Imaal, Co. Wicklow and;
    - b. the lateral extent of the EIP10 at the Curragh Military Camp, Co. Kildare;
  - 3. This direction revokes:-
    - the Danger Area EID12 at Marino Point, Co. Cork.

# **APPENDIX 1**

## **AREA DATABASE**

**AND**

## **DATABASE INTERPRETATIVE MATERIAL**

Area Database 10<sup>th</sup> June, 2004

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
EID1	Danger	Gormanston Danger Area		1		53 48 21.8023 N	006 09 25.7609 W	Arc	EIGM ARP	EIGM ARP	010.00	SFC	40000
EID1	Danger	Gormanston Danger Area		2		53 35 57.0568 N	005 57 39.6324 W	Geodesic				SFC	40000
EID1	Danger	Gormanston Danger Area		3		53 37 53.6296 N	006 08 57.0512 W	Arc	EIGM ARP	EIGM ARP	003.00	SFC	40000
EID1	Danger	Gormanston Danger Area		4		53 41 36.8430 N	006 12 29.3210 W	Geodesic				SFC	40000
EID5	Danger	Glen of Imaal, Wicklow		1		53 02 48.0000 N	006 24 19.0000 W	Geodesic				GND	40000
EID5	Danger	Glen of Imaal, Wicklow		2		52 55 08.0000 N	006 24 36.0000 W	Geodesic				GND	40000
EID5	Danger	Glen of Imaal, Wicklow		3		52 57 01.0000 N	006 34 54.0000 W	Geodesic				GND	40000
EID5	Danger	Glen of Imaal, Wicklow		4		53 00 27.0000 N	006 33 40.0000 W	Geodesic				GND	40000
EID5	Danger	Glen of Imaal, Wicklow		5		53 01 24.0000 N	006 32 03.0000 W	Geodesic				GND	40000
EID6	Danger	Kilworth, Cork		1		52 14 00.0000 N	008 15 05.0000 W	Geodesic				GND	8000
EID6	Danger	Kilworth, Cork		2		52 14 30.0000 N	008 12 00.0000 W	Geodesic				GND	8000
EID6	Danger	Kilworth, Cork		3		52 13 05.0000 N	008 11 40.0000 W	Geodesic				GND	8000
EID6	Danger	Kilworth, Cork		4		52 12 55.0000 N	008 14 20.0000 W	Geodesic				GND	8000
EID13	Danger	Sea/Coastal Area SSW of Cork		1		51 34 12.0000 N	008 42 36.0000 W	Geodesic				SFC	45000
EID13	Danger	Sea/Coastal Area SSW of Cork		2		51 20 12.0000 N	008 34 36.0000 W	Geodesic				SFC	45000
EID13	Danger	Sea/Coastal Area SSW of Cork		3		51 17 36.0000 N	008 48 48.0000 W	Geodesic				SFC	45000
EID13	Danger	Sea/Coastal Area SSW of Cork		4		51 31 42.0000 N	008 57 06.0000 W	Geodesic				SFC	45000
EID14	Danger	Sea Area SW of Kerry		1		51 46 05.0000 N	010 32 27.0000 W	Geodesic				SFC	45000
EID14	Danger	Sea Area SW of Kerry		2		51 35 30.0000 N	010 18 01.0000 W	Geodesic				SFC	45000
EID14	Danger	Sea Area SW of Kerry		3		51 22 38.0000 N	010 42 43.0000 W	Geodesic				SFC	45000
EID14	Danger	Sea Area SW of Kerry		4		51 33 17.0000 N	010 57 00.0000 W	Geodesic				SFC	45000
EIP8	Prohibited	Portlaoise Prison Area						Circle	53 01 30.0000 N	007 18 00.0000 W	002.00	GND	5000
EIP9	Prohibited	Limerick Prison Area						Circle	52 39 30.0000 N	008 36 59.0000 W	001.00	GND	2000
EIP10	Prohibited	Curragh Military Camp, Kildare		1		53 09 16.0000 N	006 52 47.0000 W	Geodesic				GND	5000
EIP10	Prohibited	Curragh Military Camp, Kildare		2		53 09 43.0000 N	006 49 27.0000 W	Geodesic				GND	5000
EIP10	Prohibited	Curragh Military Camp, Kildare		3		53 09 00.0000 N	006 48 16.0000 W	Geodesic				GND	5000
EIP10	Prohibited	Curragh Military Camp, Kildare		4		53 07 49.0000 N	006 47 59.0000 W	Geodesic				GND	5000
EIP10	Prohibited	Curragh Military Camp, Kildare		5		53 08 51.0000 N	006 52 45.0000 W	Geodesic				GND	5000
EIP11	Prohibited	Phoenix Park, Dublin						Circle	53 21 34.0000 N	006 18 59.0000 W	001.00	GND	1000
EIP18	Prohibited	Mountjoy Prison Area, Dublin						Circle	53 21 44.0000 N	006 16 01.0000 W	000.50	GND	550

## **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) 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.
3. A diagram is attached depicting a plan of the Prohibited Areas and Danger Areas identified by ASPC NAME in the AREA database.

### **AREA Database Listing of Column Identifiers**

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

<b>Abbreviation</b>	<b>Column Identifier</b>
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
Circle	Small circle

### (2) Other Elements

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

Data Element	Description
GND	Ground
SFC	Surface

### Data Element Values

Values for data elements within the AREA Database include the following:

Data Element	Latitude	Longitude
EIGM ARP	53 38 43.2628N	006 13 47.6903W

# Diagram Showing Prohibited & Danger Areas, 10th June, 2004

