## GEN 3.3 AIR TRAFFIC SERVICES

#### 1. RESPONSIBLE AUTHORITY

1.1. Air Traffic Services to General Air Traffic (GAT) are provided by AirNav Ireland. The Air Traffic Services are administered by the:

Post: Air Traffic Services

AirNav Ireland The Times Building 11-12 D'Olier Street

Dublin 2 Ireland

Phone: + 353 1 671 8655 Fax: + 353 1 679 2934

- 1.2. The services are provided in accordance with the provisions contained in the following ICAO documents:
  - Annex 2 Rules of the Air
  - Annex 11 Air Traffic Services
  - Doc 4444 Procedures for Air Navigation Services Air Traffic Management (PANS-ATM)
  - Doc 8168 Procedures for Air Navigation Services Aircraft Operations (PANS—OPS)
  - Doc 7030 Regional Supplementary Procedures

Differences to these provisions are detailed in GEN 1.7

1.3 Military Air Traffic Services are provided by the Irish Air Corps. The Air Traffic Services are administered by the:

Post: Chief Air Traffic Services Officer

Irish Air Corps HQ Casement Aerodrome

Baldonnel Dublin 22

Phone: +353 (0) 1 4592493 Fax: +353 (0) 1 4592672

These services are provided in accordance with regulations established by Director of military Aviation (GOC Air Corps)

# 2. AREA OF RESPONSIBILITY

- 2.1. The Shannon Flight Information Region (FIR) and the Shannon Upper Flight Information Region (UIR), with the exception of local control at Military and some Regional Aerodromes and
- 2.2. The Shannon Oceanic Transition Area (SOTA), by delegation of control by the UK and French Authorities.
- 2.3. Airspace Contiguous with SOTA
- 2.3.1. Control of GAT above FL245 within the airspace bounded by lines joining the coordinates listed below is delegated by the UK authorities to Shannon UAC.
  - 4935.00N 00800.00W: 4933.38N 00656.04W: 4855.70N 00734.46W: 4850.00N 00800.00W: 4935.00N00800.00W
- 2.3.2. Control of GAT above FL245 within the airspace bounded by lines joining the coordinates listed below is delegated by the French authorities to Shannon UAC.
  - 4850.00N 00800.00W: 4855.70N 00734.46W: 4830.00N 00800.00W: 4850.00N 00800.00W.
- The North Oceanic Transition Area (NOTA), by delegation of control by the UK Authorities.

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#### 3. TYPES OF SERVICES

- 3.1. Air Traffic Services, as defined in ICAO publications, consist of:
  - Air Traffic Control Service
  - Flight Information Service
  - Alerting Service
- 3.2. Air Traffic Services, as appropriate, are provided by the following Air Traffic Control Centres: Shannon ACC for Shannon FIR/UIR, CTA/UTA, SOTA and NOTA.

Dublin ACC - for Dublin CTA

3.3. AirNav Ireland provides Air Traffic Control Services in Control Zones established at the following aerodromes:

Cork, Dublin, Shannon.

The Irish Aviation Authority has arranged that, Air Traffic Control Services will be provided by the licensee of the relevant aerodrome in Control Zones established at the following aerodromes:

Donegal, Ireland West, Kerry, Sligo, Waterford, Weston.

Air Traffic Control, Flight Information and Alerting Services in Control Zones are provided by either Aerodrome or Approach Control.

3.4. Prohibited, Restricted, Danger Areas and Military Operating Areas

These areas are established within the Shannon FIR/UIR. Details are contained in ENR 5.

#### 4. CO-ORDINATION BETWEEN THE OPERATOR AND ATS

Co-ordination between the operator and air traffic services is affected in accordance with 2.16 of Annex 11 and of the PANS-ATM (Doc 4444-ATM/501).

The pilot is responsible for corrections for pressure, temperature and, where appropriate, wind and terrain effects, except when under radar vectoring. In that case, the radar controller issues clearances such that the prescribed obstacle clearance will exist at all times, taking the cold temperature correction into account.

## 5. MINIMUM IFR ALTITUDES

Minimum En-route IFR Altitudes on ATS routes are determined so as to ensure:

- · Vertical Clearance from Obstacles.
- Acceptable navigational signal coverage.

A minimum of 1,000ft vertical clearance above the highest obstacle within 5NM of route centreline is provided for. Acceptable navigational facility signal strength and usability is provided for in accordance with ICAO Annex 10 and ICAO Manual on Testing of Radio Navigation Aids – DOC. 8071.

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# 6. ATS UNIT ADDRESS LIST

ATS UNIT	ADDRESS	TEL	FAX	Email Address	AFS Address	Website Address
-	2	က	4	S	9	7
Baldonnel TWR	505 SQN, Casement Aerodrome, Baldonnel,	+353 (0) 1 459 2493	+353 (0)1 4592672		EIMEZTZX	
Cork TWR	AirNav Ireland, Cork Airport, Co. Cork.	+353 (0)21 431 6389 +353 (0)21 431 5419	+353 (0)21 431 5419		EICKZTZX	
Donegal TWR	Donegal Airport, Carrickfin, Co. Donegal.	+353 (0)74 954 8604 +353 (0)74 954 8232	+353 (0)74 956 2916		EIDLZTZX	
Dublin ACC/TWR	AirNav Ireland, Huntstown Cloghran, Co. Dublin.	+353 (0)1 814 4601	+353 (0)1 844 4624		EIDWZQZX	
Ireland West TWR	Connaught Airport, Charlestown, Co Mayo.	+353 (0)94 936 7222	+353 (0)94 936 7232		EIKNZTZX	
Кепу TWR	Kerry Airport, Farranfore, Co. Kerry.	+353 (0)66 976 4644 +353 (0)66 976 4134	+353 (0)66 976 4134	atc@kerryairport.ie	EIKYZTZX	http://www.kerryairport.ie
Shannon ACC/TWR AirNav Ireland Shannon ATC Ballycasey Crc Shannon.	AirNav Ireland, Shannon ATC Centre, Ballycasey Cross, Shannon.	+353 (0)61 770 700	+353 (0)61 366 036		EISNZQZX	
Sligo TWR	Sligo Airport, Strandhill, Co. Sligo.	+353 (0)71 916 8461 +353 (0)71 912 8001 +353 (0)71 916 8280	+353 (0)71 916 8647		EISGZTZX	
Waterford TWR	Waterford Airport, Co. Waterford.	+353 (0)51 846 613	+353 (0)51 871 701 a	atc@waterfordairport.net	EIWFZTZX	
Weston TWR	Weston Aviation Academy Ltd, Lucan, Co. Dublin.	+353 (0)1 621 7300	+353 (0)1 612 7334 ir	info@westonairport.com	EIWTZTZX	

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