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# INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY



# Crisis and Contingency Plan Arrangements within the ICAO EUR/NAT Region

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Sven Halle

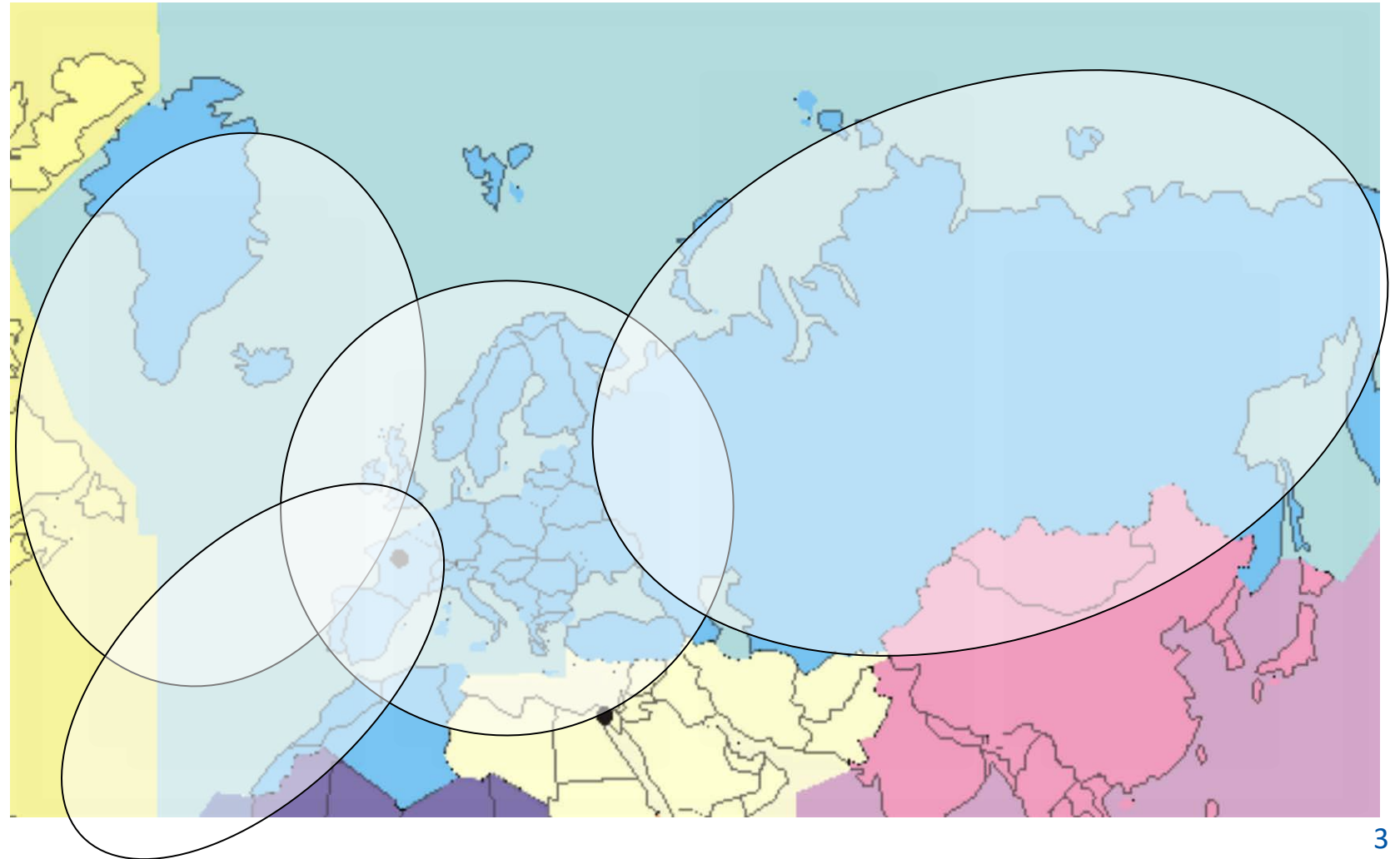
ICAO EUR/NAT Office



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# EUR/NAT Region

- Accredited to 56 Contracting States and connects to MID, WACAF, APAC, SAM Regions
- Working with Canada and USA on North Atlantic issues and with 12 international organisations at regional level
- Covering a vast area of sovereign and international airspace over 14 time zones





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# EUROCONTROL

## Countries

Day (16/06) Week (10 to 16/06) Y2D (01/01 to 16/06)

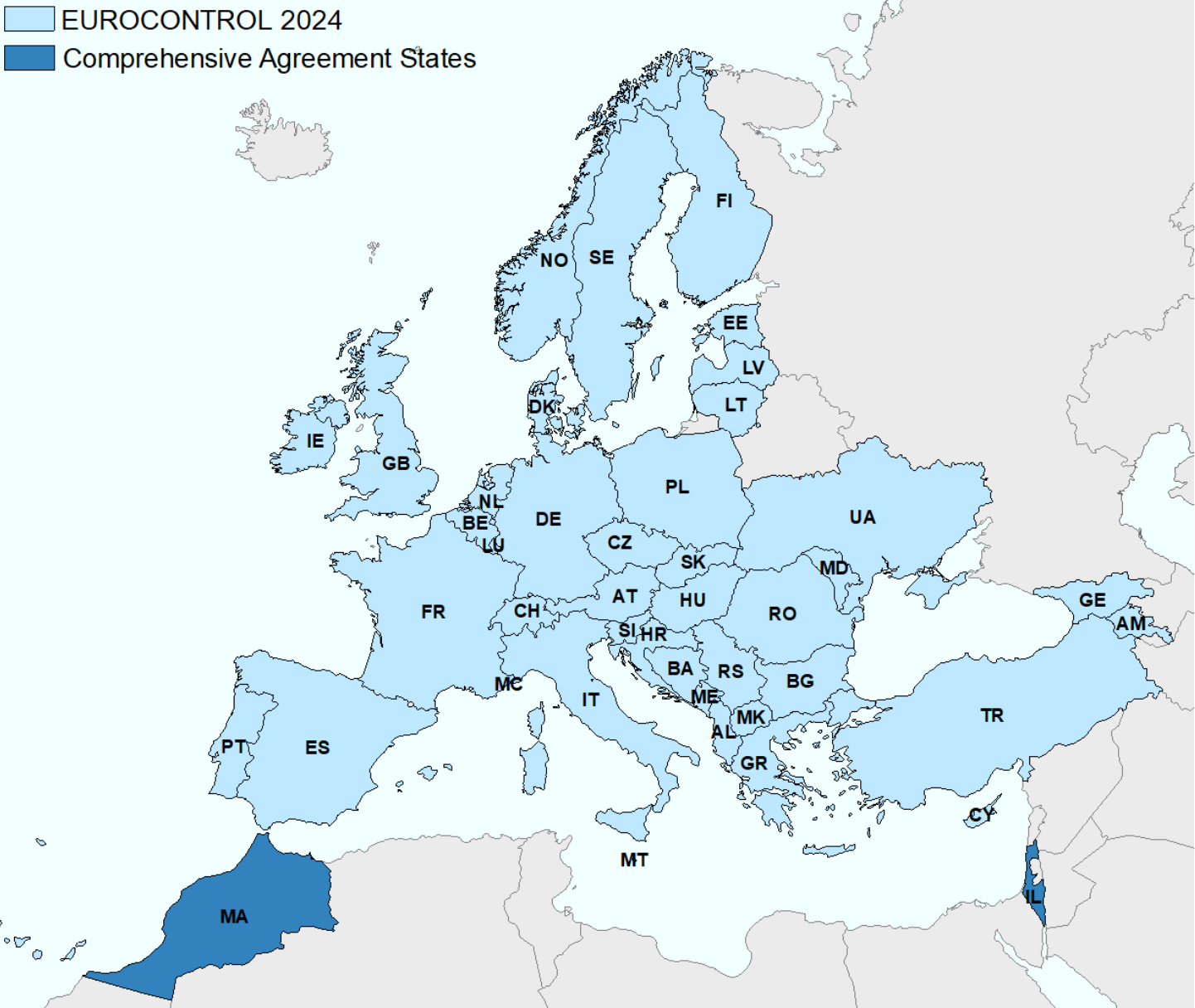
#	COUNTRY	AVG. ARR/DEP	vs 2023	vs 2019
1	United Kingdom	5,184	+5%	-8%
2	Spain	4,598	+9%	+7%
3	Germany	4,411	+5%	-19%
4	France	3,846	+3%	-7%
5	Italy	3,464	+10%	+4%
6	Türkiye	2,815	+5%	+12%
7	Netherlands	1,550	+8%	-5%
8	Switzerland	1,265	+6%	-5%
9	Norway	1,244	-2%	-9%
10	Portugal	1,131	+2%	+9%

## Region\* Pairs

Day (16/06) Week (10 to 16/06) Y2D (01/01 to 16/06)

#	REGION PAIR	AVG. FLIGHTS	vs 2023	vs 2019
1	ECAC ↔ ECAC	21,051	+5%	-6%
2	ECAC ↔ Middle-East	1,281	-3%	-3%
3	ECAC ↔ North Atlantic	1,210	+10%	+11%
4	ECAC ↔ North-Africa	1,111	+14%	+16%
5	ECAC ↔ Asia/Pacific	801	+26%	+3%
6	ECAC ↔ Other Europe	301	+5%	-68%
7	ECAC ↔ Southern Africa	298	+2%	-3%
8	ECAC ↔ South-Atlantic	185	+13%	+3%
9	ECAC ↔ Mid-Atlantic	185	+3%	+4%

EUROCONTROL 2024  
Comprehensive Agreement States








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# EUROCONTROL Network Manager Operations Center

**NOP**  
Network Operations Portal

18/06/2024  
09:08 43 UTC

TARGET DATE: 18/06/2024  
18/06/2024 SET  
D (TACTICAL)

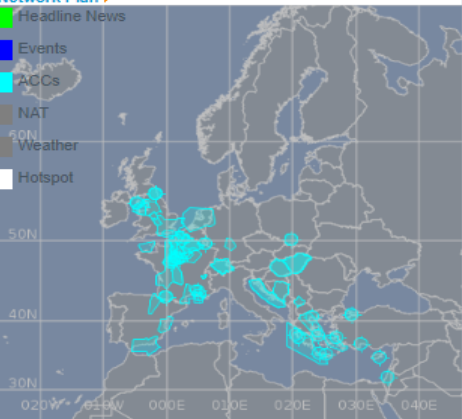
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Resources & ServicesPost-OperationsTacticalPreTacticalStrategic

### Initial Network Plan


#### Network Plan

- Headline News
- Events
- ACCs
- NAT
- Weather
- Hotspot



### Network Static Map

#### ATFCM Measures (Scenarios)



Scenarios aim at the optimisation of capacity across the European Network of ACCs. NM Strategic Operational Planning works actively to minimise the number of ATFM regulations, consistent with the protection of ATC sectors. Find the scenario request form [here](#)

#### Scenario List

#### Network Axis Management

Involvement of ACCs in the axes processes

Read the NM Axes Meetings Terms of Reference.

#### Axis Weekly Management

The Axis interactive dashboard provides daily axis traffic statistics.

FATHOM has other flight metric, sector configuration and punctuality views.

Request access to FATHOM on the below link.  
[Axis interactive dashboard](#)  
Mention you are an FMP in the additional information box and you will also be granted access to the Axis interactive dashboard.

#### Contingency

The status of the Network Manager operations is **NORMAL**.

ATFCM Procedural Contingency Plan Summer 2024 - Edition 1.0  
Valid 31/03/2024

### Network Headline News

Latest News	Ongoing News
18 JUN 2024 08:55	Tactical Update
17 JUN 2024 19:53	Etna code Orange
17 JUN 2024 15:03	NM-MAINT-2 Release: CHMI Software Update (Correct Version)
16 JUN 2024 15:51	ATC Industrial Action in France
14 JUN 2024 16:24	Network Operations Plan - Rolling Seasonal NOP - 17 June - 11 August 2024
12 MAY 2024 14:50	Tel-Aviv FIR Re-routing NOTAMs
03 MAY 2024 06:32	Ukraine Airspace not available

### Network Events

Tuesday, 18 June 2024

Month Day

☐ Show only starting events

#### Select Types

- LFBB
- 4Flight training
- 01/01/2024 00:00 - 20/12/2024 23:59
- LECMFIR
- Military Exercise EAGLE EYE 24-02
- 18/06/2024 00:00 - 20/06/2024 23:59
- EVRRFIR
- AIRNOMAD
- 17/06/2024 00:00 - 18/06/2024 23:59
- EGPXFIR, EGGXFIR
- Military Exercise PANTOMIME-UPDATED
- 10/06/2024 09:00 - 24/06/2024 19:00

### Search

#### Network Cross-Border Weather Procedure

An interactive map showing the EUMETNET forecast and Operational Documentation including the playbook is available through the [Weather app](#).

[General Cross Border Weather Procedure Oi](#).

[Enroute Severe Weather Partnership Trial Oi \(ESWEP\)](#).

[Enroute Severe Weather Partnership Trial Playbook \(ESWEP\)](#).

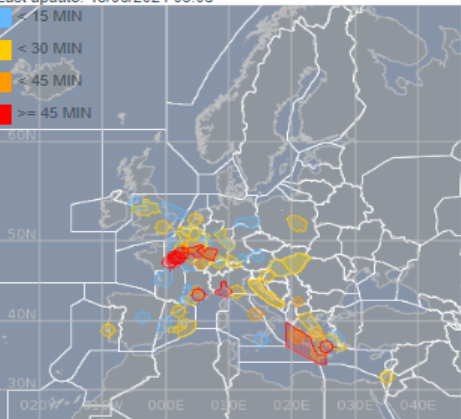
You are not authorised to access more Local Operation Information.

#### Tele/WebEx conferences

NM may invite Customers via AIM or Headline News to join a specific Operations Briefing

### Current Network Situation

Last update: 18/06/2024 09:05



#### Static Map

### ATFCM Situation Data

Last update 18/06/2024 09:06

#### Flights

Total	34,195
Landed	6,581 (19%)
Airborne	4,801 (14%)
Expected	22,813 (67%)

#### Delays (in minutes)

Cumulated	112,080.0
Average/Flight	3.3
En-route	99,905 (89%)
Airport	12,175 (11%)
>= 30 min	1,218

#### Delay Causes

Reason	Delay	Delay (%)
ATC Capacity	38300	34%
Weather	36203	32%
ATC Staffing	18006	16%
Others	14115	13%
Aerodrome Capacity	3035	3%
Airspace Management	1195	1%
ATC Equipment	1169	1%
Special Event	36	0%
ATC Ind Action	21	0%
Accident / Incident	0	0%
De-Icing	0	0%

### Network Operations Weather Assessment

Network Operations Weather Assessment objective

# Legal background

- **Commission Regulation (EU) No 677/2011 of 7 July 2011** laying down detailed rules for the implementation of air traffic management (ATM) network functions
- **Commission Implementing Regulation (EU) 2019/123 of 24 January 2019** laying down detailed rules for the implementation of air traffic management (ATM) network functions, especially chapter IV crisis management
- **EACCC** composition: States, European Commission, EUROCONTROL, NM, Military, ANSPs, Airport operators, Airspace users. (Observers ICAO, EASA, EDA, other IOs)

## Article 20

### Responsibilities of the Network Manager

The Network Manager shall, when necessary with the support of the EACCC:

- (a) coordinate the responses to the network crises, involving close cooperation with corresponding structures in Member States;
- (b) support the activation and coordination of contingency plans at Member State level, in particular through the network of State focal points;
- (c) prepare mitigating measures at network level to secure the provision of a timely response to a network crisis in order to protect and ensure the continued and safe operation of the network. For this purpose, the Network Manager shall independently:
  - (i) monitor the network situation regarding network crises on a 24-hour basis;
  - (ii) ensure effective information management and communication by disseminating accurate, timely and consistent data to support Member States and operational stakeholders in their decisions on how to recover from network crises and/or mitigate their impact on the network;
  - (iii) facilitate the organised collection and centralised storage of that data;
- (d) indicate, where appropriate, to the Commission, the Agency or Member States any opportunities for an additional support for mitigation of network crisis, including liaising with operators of other modes of transport who may identify and implement intermodal solutions;
- (e) monitor and report to the EACCC on network recovery and resilience;
- (f) organise, facilitate and perform an agreed programme of network crisis simulation exercises involving Member States and operational stakeholders to anticipate real network crises;
- (g) develop, implement and monitor a work programme and a risk register.

# Legal background

- **Network Disruptions:** ATM disruptions that impact the network operations which may be escalated to a crisis
- **Network crisis:** means a state of inability to provide air navigation service at required level resulting in a major loss of network capacity, or a major imbalance between network capacity and demand, or a major failure in the information flow in one or several parts of the network following an unusual and unforeseen situation

31.1.2019

EN

Official Journal of the European Union

L 28/19

## CHAPTER VI

### RELATIONS WITH THIRD COUNTRIES

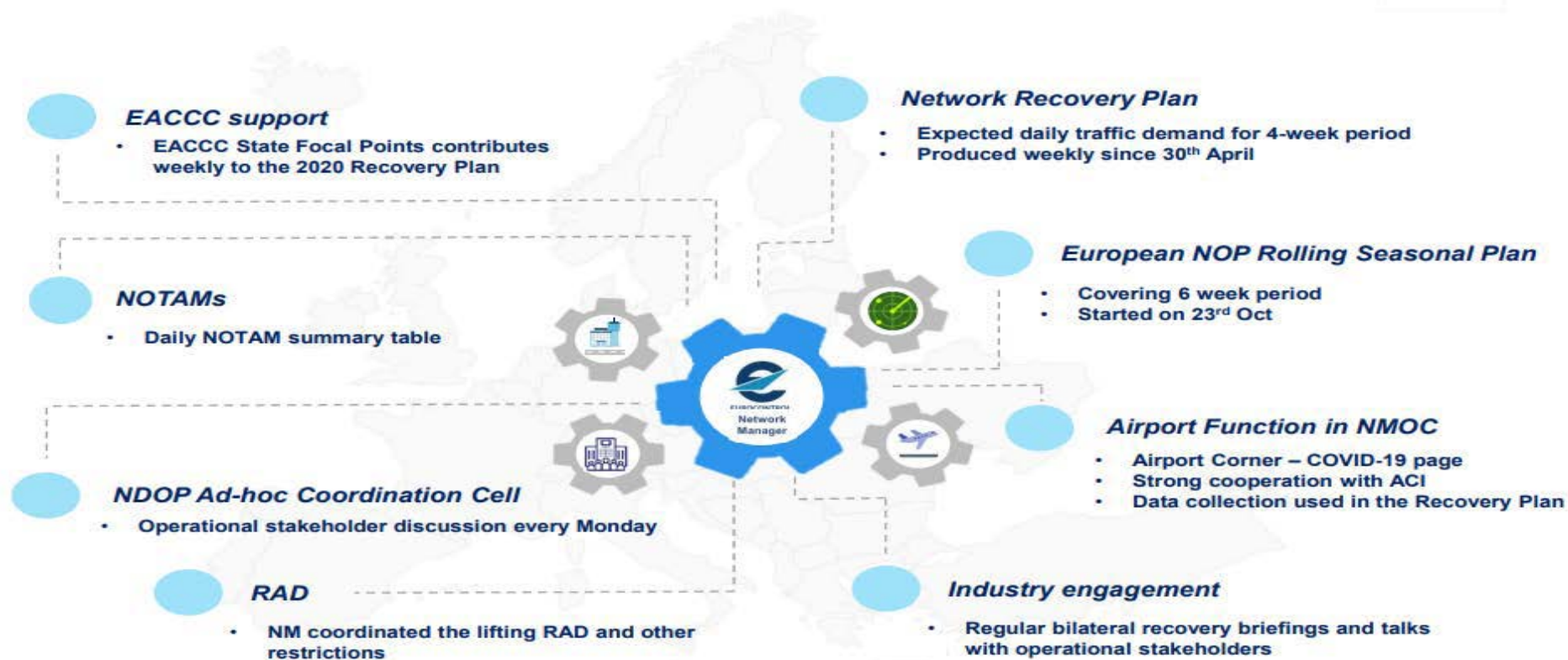
#### Article 24

#### Participation of third countries in the work of the Network Manager

1. Third countries participate in the work of the Network Manager in accordance with Union law, subject to and in accordance with agreements with the Union.
2. Associated countries and their operational stakeholders may contribute to the work of the Network Manager.
3. The Network Manager may enter into cooperative arrangements with air navigation service providers established in countries other than the ones referred to in paragraph 1 and 2 within the ICAO EUR, NAT, AFI and MID regions, where these countries are participating in a functional airspace block or their participation has a direct impact on the performance of the network and to ensure appropriate regional interoperability and connectivity.
4. In order to improve the execution of network functions and the performance of the network, the Network Manager may also enter into cooperative arrangements with air navigation service providers established in countries within other ICAO regions than the ones referred to in paragraph 3 in order to exchange data concerning network functions.

# EUROCONTROL NMOC

## Planning during times of crisis



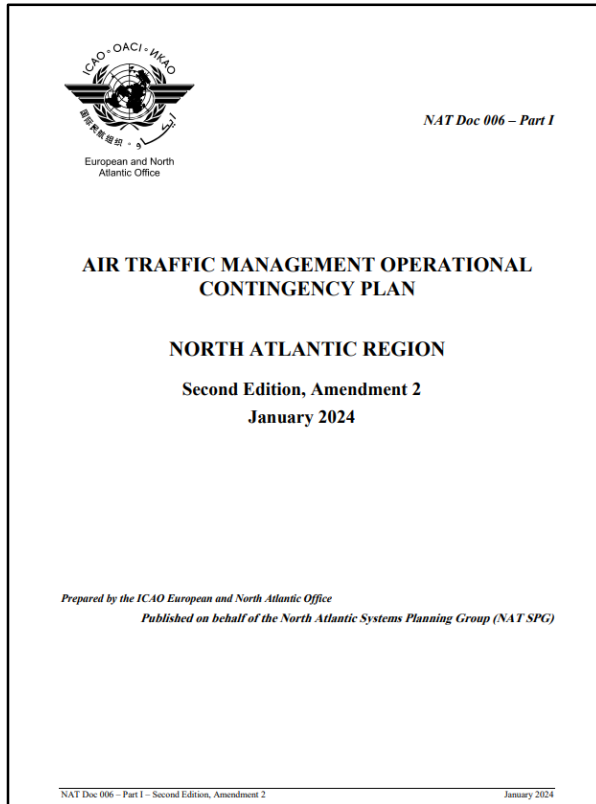


# Legal background Contingency Plans

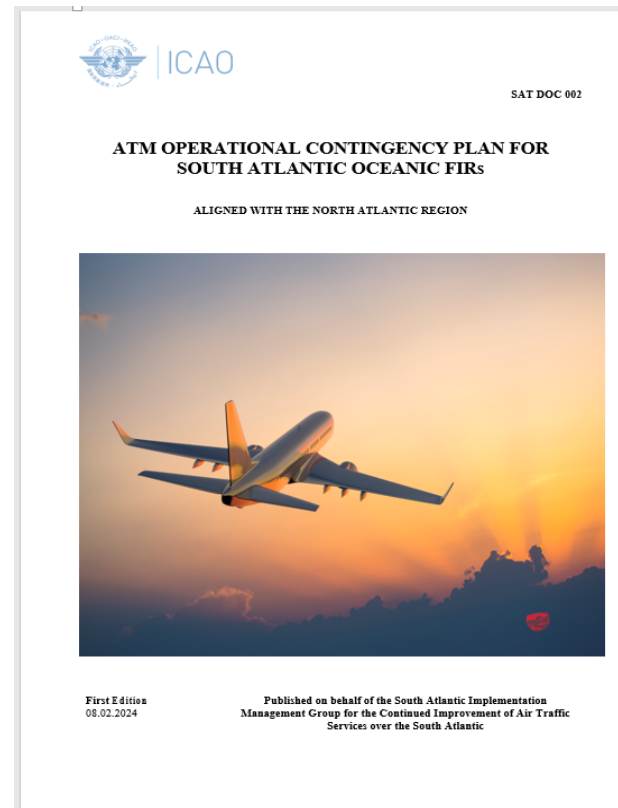
- **ICAO Annex 11**, Section 2.32 and Att C
- **Commission Implementing Regulation (EU) No 2017/373** specifies in part ATM/ANS.OR.A.070 (Contingency plans) that a service provider shall have in place contingency plans for all the services it provides in the case of events which result in significant degradation or interruption of its operations
- As part of the **EASA Basic Regulation (EU) 2018/1139, article 43a, and Annex VIII** specify that a service provider shall establish and implement a contingency plan covering emergency and abnormal situations that may occur in relation to its services, including in the case of events which result in significant degradation or interruption of its operations. (see more details in EASA ATM/ANS OR. A.070 and EASA ATS OR.135)
- The contingency plan should normally consist of two major elements, a **contingency preparation plan** and a **contingency execution plan**



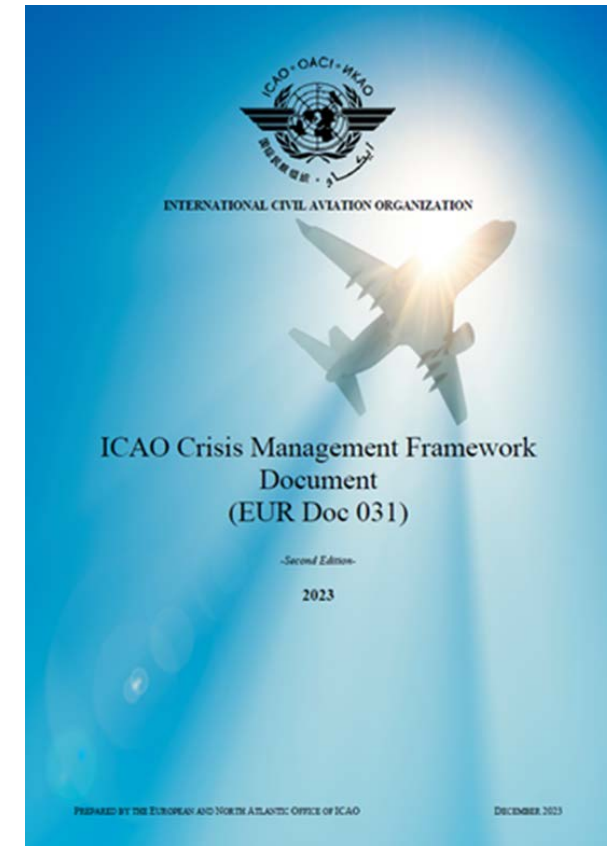
# Regional Guidance Material



NAT Doc 006 Part I ATC (since 2009)  
Part II Volcanic Ash (VACP 2014)  
Part III Space Weather (2023)



SAT Doc 002 (2024)



EUR Doc 031 (since 2014)



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Thank You