



**Network Manager**  
nominated by  
the European Commission

# NM Flight Planning Requirements – Guidelines

FRA Workshop

NMD/NOM/OPL

EUROCONTROL

24 - 25 MAY 2018

Classification: DCC : Green





## Background

- 90th RNDSG - NM and CFSPs to define and develop technical specifications for the minimum requirements of the CFSPs systems, covering all the basic network requirements for flight planning (FRA, FUA, RAD, etc.).



## Background

- ✈ The initial version of the “NM flight planning requirements - Guidelines” - July 2017 (feedback until 11 September 2017).
  - ✈ Second cut-off date for receiving feedback - 17 November 2017.
  - ✈ Final deadline - 1 December 2017.
- ✈ Comprehensive comments were received from four CFSPs, two ANSPs, two AOs and one CAA + NM staff



## Purpose of the document

- To describe the necessary elements for CFSPs and airspace users to enable them to make **the best use of the NM systems functionalities** for an efficient utilisation of the European airspace structures.
- To outline the necessary steps needed for **the required level of compatibility with NMOC systems** for flight planning procedures.
- To cover the most significant aspects that shall be known by the NM Operational Stakeholders and to be considered as **support to flight planning**.



## Table of content - Working draft 0.3

- ✈ 1 **GENERAL PROVISIONS**
- ✈ 2 **NETWORK AIRSPACE CHARACTERISTICS** (significant point, aerodrome/airport, airspace, direction of cruising level)
- ✈ 3 **AIRSPACE UTILIZATION RULES AND AVAILABILITY** (AURA restriction parameters, RAD, FRA DCT restriction, DCT limitation restriction, PTRs, EU/EURO restrictions, aerodrome flight rule restriction, flight property restriction on terminal procedures)
- ✈ 4 **AIRSPACE MANAGEMENT** (FUA Concept, airspace use plan, FUA processes, AUP/UUP vs NOTAM vs AIS publications, electronic notification services, FUA restrictions)
- ✈ 5 **NMOC FLIGHT PLANNING** (IFPS, route and profile analysis process, common flight planning processing, FRA flight planning)
- ✈ 6 **PATH GENERATOR**
- ✈ 7 **B2B**
- ✈ 8 **ACRONYMS**
- ✈ **ANNEX - NMOC Operational Validation Guidelines**

## Reference documentation

### ✈ Document collects basic FPL related requirements defined in other NM documents

✈ IFPS User manual

✈ AD Operations Manual

✈ ERNIP Part 1/3/4

✈ CFMU ROUTE SRD

✈ ***RAD Definition of Terms***

✈ ***FREE ROUTE AIRSPACE (FRA) APPLICATION IN NMOC – GUIDELINES***

✈ B2B presentation



## Reference documentation

### ✈ Document collects basic FPL related requirements defined in other NM documents

✈ IFPS User manual

✈ AD Operations Manual

✈ ERNIP Part 1/3/4

✈ CFMU ROUTE SRD

✈ ~~***RAD Definition of Terms***~~

✈ ~~***FREE ROUTE AIRSPACE (FRA) APPLICATION IN NMOC GUIDELINES***~~

✈ B2B presentation



## Version - draft

- The 23rd Joint ASMSG/RNDSG and 20th NETOPS sessions approved version 0.3 of “NM flight planning requirements - Guidelines”.
  
- Version 1.0 will be published in summer 2018





**Network Manager**  
nominated by  
the European Commission

- **Thank you**