



Network Manager
nominated by
the European Commission



Information Day for Airspace Users

31 October 2018

Item 7:

POLFRA - Coordination with Network Manager



POLFRA - NMD Cooperation Overview

Ref	Topic	Description	Rationale	Responsible/ Involved	Deadline
1	Local FRA CONOPS discussed with NM to ensure harmonised network FRA implementation	- General scope 4D description of the FRA volume - Cross-Border impacts - Enablers and constraints - Impact on ATM (ATS/ASM/ATFCM) Procedures - Impact on flight planning procedures - Impact on Publication - Impact on local/AOs/CFSPs/NM systems - Identification of benefits	To ensure network harmonised FRA implementation	ANSP(s) / NM ✓ JUL 2016	T0-(24-30) months depending on the expected impact of the change; input concerning the implementation plan from ERNIP Part 2.
2	Airspace Design	- Establish the airspace volume (horizontal and vertical limits) - Horizontal connectivity E/X points - Vertical connectivity A/D points - Connecting routes - RAD restrictions - Use of geographical coordinates as Intermediate (I) points - Usage of Intermediate (I) points - Airspace reservations - Flight Plan Buffer Zones (FBZs) - ATS delegation - Sector design	To ensure interconnectivity and interoperability with adjacent horizontal and vertical airspace	ANSP(s) /NM/Military ✓ 2017	T0 -- 12 months
3	Airspace Management Process	- Priority Rules - CDM requirements - Utilisation of AUP/UUP - Information Sharing - Rerouting - OAT Handling	To ensure seamless network application of ASM/FUA procedures	ANSP(s)/NM/ Military OCT 2016 ✓ OCT 2018	T0 -- 12 months
4	ATC Procedures and Letters of Agreement	Definition of all required procedures internally and with neighbouring ATC units	To ensure appropriate interconnectivity	ANSPs	T0 -- 6 months
5	Air traffic flow and capacity management	- Sector Configuration Management - Sector and Traffic Volumes (Capacities / Monitoring Values) - Re-routing Proposals - ATFCM Procedures	To ensure seamless network application of ATFCM procedures	ANSP(s)/NM ✓ 2017	T0 -- 6 months



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6	CAA/NSA Involvement	• Consultation with CAA/NSA/Military • Safety case • Mitigating actions (if required)	To ensure safe implementation and fulfilment of all regulatory requirements	ANSPs/CAA/NSAs/Military	T0 -- 9 months
		• Prepare and send to ICAO PfA if implementation over High Seas • Approval by CAA/NSA		ANSPs/CAA/NSAs/ICAO	T0 -- 6 months
7	Awareness and consultation	• CONOPS	To ensure network harmonised FRA implementation	ANSPs/NM through the NM CDM process to all operational stakeholders, including NSAs	T0 -- 24 months
		• Airspace design and airspace management	To ensure network harmonised FRA implementation	✓ RNDSG and FRA WS Presentations	T0 - (12 - 18) months
		• ATC Procedures and Letters of Agreement	To ensure network harmonised FRA implementation		T0 - (6 - 12) months
		• Air traffic flow and capacity management	To ensure network harmonised FRA implementation		T0 - (6 - 12) months
8	AIS/RAD Publication	• AIC Publication	To ensure network harmonised FRA implementation	ANSPs/NM through the NOP Portal	T0 - (6 - 12) months
		• AIP Publication		ANSPs	T0 - 2 AIRAC cycles (min)
		• RAD		ANSPs/NM	T0 - 2 AIRAC cycles
9	NM Integration/ Pre-validation Check	As described in ERNIP 6.5.6.1	To ensure network harmonised FRA implementation	ANSPs/NM/ JUN and SEP 2018 AOs/CFSPs	T0 - 6 months
10	Implementation	• FRA Project Implementation		ANSPs/NM/ AOs/CFSPs/ Military	T0
11	POST implementation	• Lessons Learnt	To ensure network harmonised FRA implementation	ANSPs/NM/ AOs/CFSPs/ Military	T0 + (1 -2) AIRAC cycles
12	Fine-tuning of implementation	• Implementation of further changes depending on lessons learnt	To ensure network harmonised FRA implementation	ANSPs/NM/ AOs/CFSPs/ Military	T0 (1 - 6) AIRAC cycles

ONGOING



