



ITY-COTR — Implementation of ground-ground automated co-ordination processes

This SES-related implementation objective is derived from Regulation (EC) No 1032/2006 of 06 July 2006 laying down requirements for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units.

Regulation (EC) No 1032/2006 applies to:

- Flight data processing systems serving air traffic control units providing services to general air traffic;
- Flight data exchange systems supporting the coordination procedures between air traffic services units and controlling military units.

This objective covers the following mandatory processes, supported by system information exchanges:

- Notification;
- Initial Coordination;
- Revision of Coordination;
- Abrogation of Coordination;
- Basic Flight Data;
- Changes to Basic Flight Data.

As described in Regulation (EC) No 1032/2006, Annex I (Parts A and B).

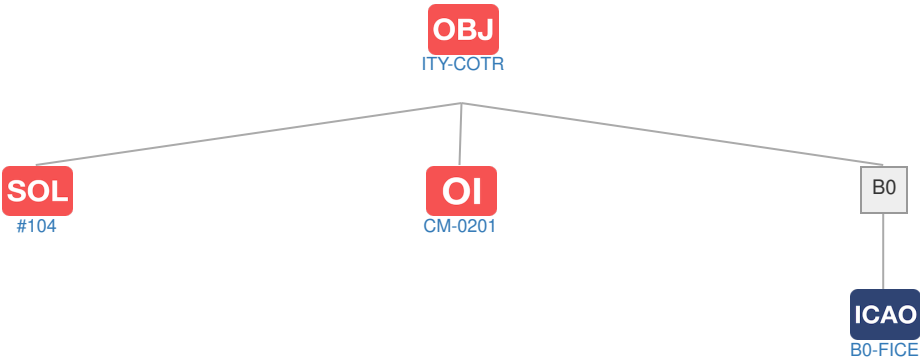
This SES-related implementation objective does not replace the EC legislation. It aims at facilitating the monitoring and reporting of the implementation of ground-ground coordination processes in European ATM in line with the EC regulations and through the SES implementation monitoring and reporting mechanism.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each Military Authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the Military Authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to MIL Authorities.

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|--------------|--|
| Edition | 2022 |
| Stakeholders | Air Navigation Service Provider / Military |
| Type | SES |
| Scope | EU+ |
| Status | Achieved |

Context

Related Elements



Applicability Area(s) and Timescales







Applicability Area:

All ECAC States except: Armenia, Azerbaijan, Türkiye, Ukraine. Plus: Israel, Morocco






| Timescales | From | By | Applicable to |
|---|------------|------------|--------------------|
| For putting into service of EATMN systems in respect of notification and initial coordination processes | - | 27-07-2006 | Applicability Area |
| Entry into force of Regulation | 27-07-2006 | - | Applicability Area |
| For putting into service of EATMN systems in respect of Revision of Coordination, Abrogation of Coordination, Basic Flight Data and Change to Basic Flight Data | - | 01-01-2009 | Applicability Area |
| To all EATMN systems in operation by 12/2012 | - | 31-12-2012 | Applicability Area |

Links to ATM Master Plan Level 2

Operational Improvement Steps

| Code | Title | IOC | FOC | Related Elements |
|---------|---|-----|-----|--|
| CM-0201 | Automated Assistance to Controller for Seamless Coordination, Transfer and Dialogue | - | - |       |




Links to SESAR Solutions

| Code | Title | Program | Related Elements |
|------|---|---------|--|
| #104 | Sector Team Operations - En-route Air Traffic Organiser | SESAR1 |      |

Links to PCP ATM Sub-Functionalities

| Code | Title | Related Elements |
|-----------------|-------|------------------|
| No record found | | |

ICAO Block Modules

| Designator | Title | Related Elements |
|------------|---|---|
| B0 | | |
| B0-FICE | Increased Interoperability, Efficiency and Capacity through Ground-Ground Integration |    |

References

Applicable legislation

- Regulation (EC) No 30/2009 of 16 January 2009 amending Regulation (EC) No 1032/2006 as far as the requirements for automatic systems for the exchange of flight data supporting data link services are concerned;
- Regulation (EC) No 29/2009 of 16 January 2009 laying down requirements on data link services for the single European sky;
- Regulation (EC) No 1032/2006 of 06 July 2006 laying down requirements for automatic systems for the exchange of flight data for the purpose of notification, coordination and transfer of flights between air traffic control units;
- Commission Implementing Regulation (EU) N° 1034/2011 of 17 October 2011 on safety oversight in air traffic management and air navigation services and amending Regulation (EU) N° 691/2010 18-10-2011

Applicable ICAO Annexes and other references

None

Deployment Programme 2022

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Operating Environments

Terminal Airspace

En-Route

Network

Expected Performance Benefits

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|-------------------------------|--|
| Safety | Reduction of human error. |
| Capacity | Reduction of controller workload. Reduction in aircrew workload as regards the AGDL login messages (ASP08 and ASP09); |
| Operational efficiency | - |
| Cost efficiency | More efficient planning and operational decision making. |
| Environment | N/A |
| Security | N/A |

Stakeholder Lines of Action

| Code | Title | From | By | Related Enablers |
|-------|---|---------|--------------------------|------------------|
| REG01 | Ensure oversight of changes to system | DELETED | | |
| ASP01 | Implement flight data processing and exchange systems | | 01-01-2009 31-12-2012 | |
| ASP02 | Implement Notification process | | 27-07-2006 31-12-2012 | |
| ASP03 | Implement Initial Coordination process | | 27-07-2006 31-12-2012 | |
| ASP04 | Implement Revision of Coordination process | | 01-01-2009 31-12-2012 | |
| ASP05 | Implement Abrogation of Coordination process | | 01-01-2009 31-12-2012 | |
| ASP06 | Implement Basic Flight Data process | | 01-01-2009 31-12-2012 | |
| ASP07 | Implement Change to Basic Flight Data process | | 01-01-2009 31-12-2012 | |
| ASP08 | Implement Logon Forward process | DELETED | | |
| ASP09 | Implement Next Authority Notified process | DELETED | | |
| ASP10 | Develop safety assessment | | 01-01-2009 31-12-2012 | |
| ASP11 | Organise training to Air Traffic Control personnel | | 31-12-2012 | |
| MIL01 | Implement Basic Flight Data process | | 01-01-2009 31-12-2012 | |
| MIL02 | Implement Change to Basic Flight Data process | | 01-01-2009 31-12-2012 | |

Supporting Material

| Title | Related SLoAs |
|---|--|
| EC - COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 - (OJ L 62, 8.03.2017, p. 1) - COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011 03/2017 https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R0373&from=EN | ASP10 |
| EUROCONTROL - Air Navigation Systems Safety Assessment Methodology (SAM) - Version 2.1 / 11/2006 https://www.eurocontrol.int/tool/safety-assessment-methodology | ASP10 |
| EUROCONTROL - SPEC-106 - EUROCONTROL Specification for On-Line Data Interchange (OLDI) - Edition 5.0 / 07/2020 https://www.eurocontrol.int/publication/eurocontrol-specification-line-data-interchange-oldi | ASP01, ASP02, ASP03, ASP04, ASP05, ASP06, ASP07, MIL01, MIL02 |
| EUROCONTROL - SPEC-107 - EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) - Edition 3.3 / 07/2020 https://www.eurocontrol.int/publication/eurocontrol-specification-ats-data-exchange-presentation-adexp | ASP02, ASP03, ASP04, ASP05, ASP06, ASP07, MIL01, MIL02 |

Consultation & Approval

| | |
|---|--------------------------|
| Working Arrangement in charge | Unassigned |
| Outline description approved in | - |
| Latest objective review at expert level | 04/2009 |
| Commitment Decision Body | Provisional Council (PC) |
| Objective approved/endorsed in | 07/2009 |
| Latest change to objective approved/endorsed in | 07/2014 |