

ICB

Industry Consultation Body

ATM Information Digest

July 2013

ICB Meeting Planner

July	August	September
<p>10 – ISG/52 Draft position on governance arrangements for Centralised Services Update Risk Register</p> <p>23 – IOP/30 Workshop on Centralised Services IOP issues for SES 2+</p>		<p>19 – ICB/49 Adopt position Centralised Services Debate on SES2+</p> <p>20 – SDTF/9 Discussion on PCP CIR</p> <p>22/23 – SSC/51 Discussion on PCP CIR</p> <p>TBC – SDTF/10 Discussion on PCP CIR</p>
October	November	December
<p>15 – ISG/53 Develop position on SES 2+ Develop position on EU-wide targets</p> <p>23 – IOP/31</p> <p>TBC – SDTF/11 Adopt PCP CIR position by correspondence</p>	<p>27 – ICB/50 Adopt position on SES2+ Adopt position on EU-wide targets</p> <p>TBC – SDTF/12 Launch position on DM establishment</p>	<p>17/18 – SSC/52</p>
January	February	March
		<p>TBC – ICB/51</p>
April	May	June
		<p>TBC – ICB/52</p>

Introduction

The ATM Information Digest is intended to provide ICB members with a quick reference on the main developments within SES. The content is organised by dossier:

1. SES 2+
2. SESAR
3. Funding and Financing
4. Performance Scheme
5. Centralised Services
6. Interoperability
7. EASA ATM Rulemaking

In addition, there are a number of supplementary sections:

- ICB Meeting Planner: Provides a list of planned ICB events for the next 9 months including key agenda items.
- General Information: Provides a list and up to date URL of the latest documents providing information on SES policy and performance.
- Public Consultations: Provides a list of on-going and planned public consultations related to air transport.
- On-going legislative procedures: Provides a list of on-going legislation related to Air Transport. Co-decision on SES2+ was launched in June 2013.
- SES Legislation: Provides a list of all extant legislation related to the Single European Sky.

Note that an Industry Event Calendar, providing a list of industry events and key meetings, is presented on the ICB Portal and is not replicated here.

This document contains a number of hyperlinks. Those in [blue](#) link to public sources, whilst those in [orange](#) link to the ICB Portal. Note that you will need to log in with your username and password to access documents on the ICB Portal.

SES 2+

Overview

There are two fiches relevant to the ICB SES 2+ dossier: the SES recast and amendment to the EASA Basic Regulation. The legislative proposals are both currently undergoing co-decision procedure in the European Parliament and Council of the European Union.

For the Parliament, the TRAN Committee is responsible for both legislative processes and will prepare reports. The rapporteurs are indicated in the table below.

Procedure reference	Title	Description	Rapporteur
2013/0186 (COD)	Implementation of the Single European Sky (recast)	Recast of SES and SES II	Marian-Jean MARINESCU (EPP)
2013/0187 (COD)	Aerodromes, air traffic management and air navigation services: simplifying and clarifying the legal framework	Amending the EASA Basic Regulation (EC) No 216/2008	David-Maria SASSOLI (S&D)

For the SES recast, the ITRE Committee have decided not to provide an opinion.

The European Economic and Social Committee provided a [preliminary position on SES 2+](#) prior to co-decision.

Timeline

The [SES 2+ legislative proposal](#) was adopted by the College of Commissioners on 12th June 2013.

The timeline for co-decision for both fiches is currently unknown; however it is likely to take around 3 months to go to the TRAN Committee, and 6-18 months for the whole co-decision process.

ICB actions

As an action of ICB/48, ICB Members were requested to provide their stakeholder positions to ICB Support by **1st September 2013**. These will be reviewed and the need to provide a common industry position will be assessed at **ICB/49**.

Using the common ICB position as a basis, a delegation of the ICB will meet with a group of MEPs, led by Mr Brian Simpson MEP (Chairman of EP TRAN Committee) to discuss the SES 2+ proposal. This is likely to be held in October/November 2013.

SESAR

There are currently two developments concerning the SESAR programme: the establishment of the Pilot Common Project (PCP) and the Deployment Manager; and the extension of the SESAR Joint Undertaking.

SESAR Deployment

Overview

The SSC adopted the Common Projects Commission Implementing Regulation (CIR) ([\(EU\) No 409/2013](#)) in May 2013. This CIR will form the basis for the PCP.

The Commission is in the process of converting the [SJU PCP proposal](#) into a draft CIR which will undergo formal consultation in September. Once the CIR has been adopted via comitology by the SSC (planned for December 2013), the calls for the Deployment Manager, deployment programme and implementation projects will be launched.

The Commission provided an [information paper](#) on the use of a Framework Partnership to establish the Deployment Manager.

Timeline

- | | |
|-----------------------|--|
| September 2013 | • ICB expects to receive draft PCP CIR |
| March 2014 | • Adoption of the PCP CIR by the SSC |
| Q1 2014 | • Call for Deployment Manager |
| 2014 | • Development of Deployment Programme |
| Q1 2015 | • Selection of Deployment Manager |
| Q2 2015 | • Approval of Deployment Programme |
| Q2-3 2015 | • Selection of Implementation Projects |

ICB actions

Following **SDTF/08**, a [letter](#) outlining the ICB's concerns regarding the Framework Partnership Agreement approach to establishing the Deployment Manager was sent to the Commission.

SDTF/09 will be held on 20th September to hold an initial discussion on the PCP CIR. A common position will be approved via written procedure such that it can be delivered to the Commission before the end of October.

SJU Extension

Overview

The Commission published a Communication ([COM\(2013\)/0503](#)) proposing an amendment to [\(EC\) No 219/2007](#) to extend the SESAR Joint Undertaking under the Commission's 2014-2020 Multi-Annual Financial Framework. The indicative amount allocated to the SJU over this period is €600 million.

The legislative proposal was accompanied by a Staff Working Document ([SWD\(2013\)0262](#)).

Timeline

The legislative proposal is undergoing a non-legislative enactment procedure in the European Parliament/Council of the European Union (procedure reference: 2013/0237(NLE)). It is believed that the responsible European Parliament is the TRAN Committee. The timeline is currently unknown.

ICB actions

No actions are currently foreseen regarding the extension of the SJU.

Funding & Financing

Overview

Funding arrangements

The implementation of the Tran-European Transport Network (TEN-T) is supported through the allocation of TEN-T funds in the period 2007-2013, and through the Connecting Europe Facility (CEF) for the period 2014-2020. Under the CEF, SESAR-related projects are 'horizontal priorities'.

TEN-T awards 2013

Under the 2013 Multi-annual Work Programme Call for Proposals, €58.8m of TEN-T funds were allocated to ATM related projects. Details of the proposed decision can be found on the following page.

Status of on-going legislation

[Revision of the TEN-T guidelines](#): The legislative proposal is undergoing co-decision and the first reading in EP plenary is scheduled for 8th October 2013.

The main proposed amendments to Decision 661/2010/EU are as follows:

- TEN-T will be developed through a dual layer approach using 'core' and 'comprehensive' networks, implemented on different timescales.
- Changes to the definition of projects of common interest.
- Specific requirements for the dual networks are set down (e.g. use of alternative fuels)
- Core network corridors (based on multi-modal integration and interoperability) are used for coordinated implementation.
- Member States are to establish corridor platforms to facilitate the coordinated implementation. Implementation will be led by European Coordinators.
- Corridor platforms must establish a multi-annual development plan – these will form the basis for Commission implementation decisions.
- Regular review of the geographical scope of the TEN-T.

[Connecting Europe Facility](#): The trilogue on the legislative proposal has now ended. Despite the 5% cap on financial contributions to on-board equipment for the aviation sector, the airborne sector is expected to benefit from €1 billion (in addition to the possibility for support from other financial instruments). The legislation is scheduled for a first reading in EP plenary on 22nd October 2013.

Timeline

- October 2013**
- 8th: first reading of TEN-T guidelines in European Parliament plenary
 - 22nd: first reading of CEF in European Parliament plenary

ICB actions

The ICB is continuing to monitor developments concerning funding and financing.

Summary of 2012 ATM Call for Proposals

The [provisional results](#) for the 2012 multi-annual call for TEN-T funding have been announced. For ATM the objective of the call was to implement the Single European Sky based on improvements to FABs and the implementation of IDP. Proposals could be for either studies (50% funding) or works (20% funding). The indicative budget was €50m.

Proposals underwent a three step selection process:

1. External evaluation of proposals by experts against award criteria
2. Internal appraisal by DG MOVE, TEN-T EA and DG ENV
3. Final recommendations of the Evaluation Committee (DG MOVE and TEN-T EA)

Nine ATM proposals were submitted totalling €107.5 m; three were recommended for funding to a total of €58.8M. All applicable funds are now allocated.

Activity Title	Applicant	Study /Work	Requested TEN-T funds
Proposals recommended for funding:			
Activities to support the implementation of the IDP within DANUBE FAB	Danube FAB	Study (50%)	€1.394 m
ANSP's Interim Deployment Programme Implementation	ENAV (for Italy, Cyprus, Germany, Estonia, Spain, Finland, France, Latvia, Malta, Portugal, United Kingdom)	Work (20%)	€50.755 m
Accelerating the Deployment of Advanced FDP Capabilities in Europe	NATS (for the "A6")	Study (50%)	€6.655 m
Proposals NOT recommended for funding:			
Set-up of Centralised Services to contribute to SES Performance Achievement	EUROCONTROL	Study (50%)	€28.403 m
Implementation of Harmonised Functionality for COOPANS Build 2.5	LFV (for Austria, Italy, Sweden)	Work (20%)	€1.415 m
COOPANS Operational Harmonisation Study	LFV (for Austria, Italy, Sweden)	Study (50%)	€1.884 m
FAB Central Europe: Pilot Seamless Operation	Austrocontrol (for FAB CE)	Study (50%)	€13.048 m
MATIAS Build 10, development of MATIAS air traffic control system	HungaroControl	Work (20%)	€2.634 m
rTWR – Development of remote (virtual) tower	HungaroControl	Work (20%)	€7.796 m

Further details on the content of each proposal and evaluation remarks are available on the [TEN-T EA Website](#).

Performance Scheme

Overview

The performance scheme ([\(EU\) No 390/2013](#)) and charging scheme ([\(EU\) No 391/2013](#)) Regulations for RP2 (2015 – 2019) were adopted in May 2013.

The current focus is the adoption of EU-wide targets for RP2. Following the end of stakeholder consultation, the PRB is expected to deliver a report on proposed targets to the European Commission in September 2013. A proposed EC decision on the EU-wide targets will then be adopted by comitology before the end of 2013.

Timeline

February 2013

- PRB publishes [indicative performance ranges for stakeholder consultation](#)

May 2013

- PRB publishes proposed [EU-wide target ranges](#)

17th May – 3rd July 2013

- [Written consultation](#) of stakeholders

4th July 2013

- [Workshop](#) to discuss RP2 performance targets and interdependencies

September 2013

- PRB report on proposed targets due to European Commission
- 30th: Draft EC decision on EU-wide targets delivered to SSC

October – December 2013

- EU decision/consultation process

December 2013

- 18th: SSC adopts EU-wide RP2 targets
- 30th: Commission decision published

ICB actions

The ICB is part of the formal consultation mechanism by the Commission. An ICB position on RP2 targets is expected to be published in September/October 2013.

Centralised Services

Overview

EUROCONTROL has defined a [Centralised Service](#) as “an ANS service or ATM function exercised at pan-European and central network level for harmonisation and cost-efficiency purposes”. V2.0 of EUROCONTROL’s [proposal](#) was published on 25th March 2013.

Service

[CS1: Flight Plan and Airport Slot Consistency Service \(FAS\)](#)

Checks consistency of flight plans against airport slots

[CS2: 4D Trajectory Flight Profile Calculation for planning purposes service \(FDPP\)](#)

Central reference 4D trajectory profile in the pre-planning phase

[CS3: European Tracker Service \(ETKR\)](#)

Provides an ECAC-wide surveillance picture

[CS4: Advanced Flexible Use of Airspace Support Service \(AFUAS\)](#)

Civil-military airspace management decision making processes

[CS5: European ATM Information Management Services \(EAIMS\)](#)

A reference source of consolidated European ATM context information

[CS6: Common Network Resources \(CNR\)](#)

Manages scarce resources on a unified basis

[CS7: Network Infrastructure Performance monitoring and analysis Service \(NIPS\)](#)

Safe function and anomaly resolution of CNS infrastructure

[CS8: Pan-European Network Service \(PENS\)](#)

Ground communication needs for future data exchange

[CS9: Data Communications Service \(DCS\)](#)

Air-ground communication service to support consolidation of DLS

- EUROCONTROL’s application for TEN-T funds to implement Centralised Services was not retained. Other means of funding are being investigated.
- A series of workshops to define the Concept of Operations for each CS will be held in September/October 2013.
- EUROCONTROL is currently procuring an independent validation of the CBAs.

Timeline

November 2012

- EC Letter

December 2013

- Initial Proposals

March 2013

- Updated Proposals

May 2013

- [Stakeholder Specific Workshops](#)

June/July 2013

- [CS Specific Workshops](#)

Sept/Oct 2013

- Concept of operations workshops

Winter 2013

- Call for Expression of Interest

January 2014

- Call for Tender

Mid 2014

- Award of contracts: Development of CS Demonstrators

2016

- CS operational

ICB actions

The IOP and ISG held initial discussions on Centralised Services in May 2013. As a result, a [letter](#) outlining a first set of concerns was sent to the Commission on 2nd June 2013. Replies were received from the [Commission](#) and [EUROCONTROL](#).

At ICB/48, a proposal for a common ICB position was approved. Governance arrangements were discussed at **ISG/52**, whilst the technical feasibility was assessed at **IOP/30**.

The ICB is looking to adopt the position at **ICB/49**.

Interoperability

Implementing Rules

- **SERA Part C IR** is being completed by EUROCONTROL and EASA.
 - Consultation is due to be launched in Q3/2013
 - Stakeholder workshop expected in March 2014
 - Final report is due June 2014.
- **ADQ-2 IR** has now been transferred to EASA. The Terms of Reference have been released.
- **PBN IR** is being completed by EUROCONTROL.
 - The draft final report is due 16th December 2013
 - Consultation will last until 14th March 2014
 - The final report is due in June 2014.
- The Commission will hold a workshop to discuss the implementation of **DLS IR** on 23rd September 2013. This follows from the discussion of lessons learnt from DLS IR held at IOP/29.

Community Specifications

- The **SWAL EN** was published as a CEN Technical Specification (TS 16501) in April 2013.
- Updates to **A-SMGCS** Parts 1 and 2 (EN 303 213-1, -2, V1.3.1) were published in [OJEU on 18th May 2013](#) – conformity of previous versions will end in January 2014.
- CEN is developing an **Aerodrome Mapping Data CS**, under mandate [M/510](#).
 - Approval from the ESO technical board is planned in January 2014
 - Public approval planned in May 2014
 - EN publication is planned for December 2014
 - Listing in the OJEU planned in March 2015.
- In May 2013, the ESOs accepted a **new mandate** ([M/524](#)) to begin work on new Community Specifications. Work on this mandate is currently suspended whilst the impact of SES 2+ is assessed.

ICB actions

The IOP will discuss the impact of SES 2+, focussing on changes to conformity assessment, at **IOP/31**.

EASA Rulemaking

Overview

This section summarises the status of the EASA Rulemaking activities on ATM. These measures are adopted following the positive opinion of the SSC and are of direct relevance to ICB Stakeholders.

The ICB **IOP Sub-group** has asked to receive a regular report on the status of SES activities undertaken by EASA.

During March 2013 – June 2013, the following rulemaking activities have been undertaken by EASA:

- [NPA 2013-06](#) on Approval requirements for Air-Ground Data Link and ADS-B in support of Interoperability requirements and Miscellaneous improvement to AMC 20.
- [NPA 2013-08](#) on Requirements for ATM/ANS providers and the safety oversight thereof.
- ToR ([RMT.0518](#)) on Development of AMC/GM for safety key performance indicators (ATM performance IR) for reference period 2.
- The [NPA 2013-06](#) issued on 15 April 2013 contains a draft Decision for new Certification Specifications for Airborne Communication Navigation and Surveillance (CS-ACNS) that comprises of information related to the airworthiness and interoperability standards in support of airspace applications.
- On 10 May 2013 the Agency published the NPA1 on '[Requirements for ATM/ANS providers and the safety oversight thereof](#)'.

Timeline

Note that only activities referred to above and those previously discussed by the ICB are included in this timeline. More information can be found in [EASA's rulemaking programme](#).

Q3/2013

- SERA Part C NPA due
- CS ACNS to support SPI and ACID IRs decision due

Q4/2013

- Requirements on ATCO Licensing CRD due
- CS ACNS to support DLS and VCS IRs decision due
- Development of AMC/GM for SKPI (ATM performance IR) for RP2 NPA due

ICB actions

No actions are currently planned.

Useful Resources

This section provides links to the latest versions of the main reference documents for ATM in Europe, including performance and benchmarking reports, safety reports and traffic forecasts.

Strategy Documents

European ATM Master Plan Edition 2	October 2012
Network Strategy Plan 2012 to 2019	November 2012

ATM Performance and Benchmarking

PRB Performance Dashboard	Monthly Updates
PRC PRR 2012	May 2013
PRC ACE 2011	June 2013
CANSO Global ANS Performance Report 2012	May 2013
U.S./Europe Comparison of ATM-Related Operational Performance¹	April 2012
NM Network Operations Report 2012	March 2013
Quarterly Network Performance Reports	Latest: June 2013
CODA Annual Digest 2012	March 2013
Monthly CODA Reports	Latest: June 2013

Safety

EASA Annual Safety Review 2012	June 2013
SRC Annual Safety Report 2012	January 2013

Traffic Forecasts

STATFOR Medium Term Forecast 2013 to 2019	March 2013
STATFOR 20-year Forecast 2012 to 2035	June 2013
STATFOR Very Long Term Forecast 2013 to 2050	June 2013

SES Compliance

EIPR 2012	July 2013
LSSIPs 2012	June 2013
SES Annual Report 2011²	June 2012

¹ An update is expected in Summer 2013.

² No SES Annual Report is planned for 2012; State reports may be made available on the EASA website.

Public Consultations

1. European Commission		
Draft Guidelines on State aid to airports and airlines	03/07/2013	25/09/2013
Consultation on the policy options for market-based measures to reduce climate change impact from international aviation	14//06/2013	14/09/2013
2. Performance Review Body		
No open consultations	17/05/2013	03/07/2013
3. European Aviation Safety Agency (ATM relevance only)		
Consultations		
No open consultations		
Notices of Proposed Amendments		
NPA 2013-14 Safety Key Performance Indicators (SKPIs)	25/07/2013	05/09/2013
NPA 2013-09 Reduction of runway excursions	10/05/2013	12/08/2013
NPA 2013-08 Requirements for ATM/ANS providers and the safety oversight thereof	10/05/2013	31/10/2013
NPA 2013-06 Approval requirements for Air-Ground Data Link and ADS-B in support of Interoperability requirements and Miscellaneous improvement to AMC 20	15/04/2013	15/07/2013
4. EUROCAE		
No open consultations		
5. ESOs (CSs and ATM related ENs only)		
No open consultations		

On-going Legislation

Single Sky Committee

1. Decisions on Commission Implementing Regulations

None

2. Proposals awaiting decision

Draft Commission Decision on exemptions under Article 14 of Commission Regulation (EC) No 29/2009 (data-link exemptions) SSC vote expected in October

3. Expected Proposals

Commission Implementing Regulation on the creation of the pilot common project Draft expected in September 2013

EC Decision adopting EU-wide performance targets for RP2 Draft expected Q3 2013

Standardised Rules of the Air (SERA) Part C Draft expected Q3 2014

Performance Based Navigation Implementing Rule Draft expected Q3 2014

Aeronautical Data Quality (ADQ) 2 Draft expected in 2014

Co-Decision and EP Procedures

1. Proposals subject to public consultation

Extension of SESAR Joint Undertaking	COM(2013) 0503 2013/0237 (NLE)	No timeline defined
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2. Proposals awaiting first reading by EP

Implementation of Single European Sky (Recast)	COM(2013) 0410 2013/0186 (COD)	No timeline defined
Aerodromes, air traffic management and air navigation services: simplifying and clarifying the legal framework	COM(2013) 0409 2013/0187 (COD)	No timeline defined
Proposal for a Regulation on occurrence reporting in civil aviation	COM(2012) 0776 2012/0361 (COD)	First reading by Council (RRW) on 10th June 2013 Draft recommendation and amendments due in July 2013 Final report due 17th September 2013 Scheduled for EP plenary 19th November 2013
Development of the Trans-European Transport Network (TEN-T guidelines)	COM(2011) 0650 2011/0294 (COD)	Scheduled for EP plenary on 8 th October 2013
Connecting Europe Facility	COM(2011) 0665 2011/0302 (COD)	First reading in Council (TTE) on 10 th June 2013 Scheduled for EP plenary on 22 nd October 2013

3. Proposals adopted by EP in first reading and awaiting Council position

Introduction of noise-related operating restrictions at Union airports within a balanced approach	COM(2011) 0828 2011/0398 (COD)	Positive EP Vote 12 th December 2012
Common rules for the allocation of slots at EU airports (recast)	COM(2011) 0827 2011/0391 (COD)	Positive EP Vote 12 th December 2012
Groundhandling services at Union airports and repeal of Council Directive 96/67/EC	COM(2011) 0824 2011/0397 (COD)	Positive EP Vote 16 th April 2013

4. Parliament Own initiative reports

The EU's External Aviation Policy – Addressing Future Challenges	COM(2012) 0556 2012/2299 (INI)	Adopted by EP on 2 nd July 2013
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SES Legislation

Existing Rules and Regulations

Framework Regulation (EC) 549/2004, amended by (EC) 1070/2009

Performance Scheme Regulation

[\(EU\) 691/2010](#), amended by (EU) 677/2011, [\(EU\) 1216/2011](#) (RP1); [\(EU\) 390/2013](#) (RP2)

Service Provision Regulation (EC) 550/2004, amended by (EC) 1070/2009

Common Charging Scheme Regulation

[\(EU\) 1794/2006](#), amended by [\(EU\) 1191/2010](#) (RP1); [\(EU\) 391/2013](#) (RP2)

Software Safety Assurance System [\(EC\) 482/2008](#)

FAB Information [\(EU\) 176/2011](#)

Network Management Functions [\(EU\) 677/2011](#)

Airspace Regulation (EC) 551/2004, amended by (EC) 1070/2009

ATFM Regulation [\(EU\) 255/2010](#)

FUA Regulation [\(EC\) 2150/2005](#)

Airspace Harmonisation [\(EC\) 730/2006](#)

Standardised European Rules of the Air [\(EU\) 923/2012](#)

Interoperability Regulation (EC) 552/2004, amended by (EC) 1070/2009

COTR Regulation [\(EC\) 2032/2006](#), amended by [\(EC\) 30/2009](#)

IFPL Regulation [\(EC\) 1033/2006](#), amended by [\(EU\) 929/2010](#)

FMTF Regulation [\(EC\) 633/2007](#), amended by [\(EC\) 283/2011](#)

DLS Implementing Rule [\(EC\) 29/2009](#)

Mode S Interrogator Regulation [\(EC\) 262/2009](#)

ADQ Regulation [\(EU\) 73/2010](#), to be repealed by ADQ-2 Regulation

ACID Implementing Rule [\(EU\) 1206/2011](#)

SPI Implementing Rule [\(EU\) 1207/2011](#)

VCS-2 Regulation [\(EU\) 1079/2012](#), repealing VCS Regulation [\(EC\) 1265/2007](#)

EASA ATM Rules

EASA Basic Regulation [\(EC\) 216/2008](#)

Common Requirements [\(EU\) 1035/2011](#), repealing [\(EU\) 2096/2005](#) and [668/2008](#)

Safety Oversight [\(EU\) 1034/2011](#), repealing [\(EC\) 1315/2007](#)

ATCO License [\(EU\) 805/2011](#), repealing [Directive 2006/23/EC](#)

SESAR

SESAR JU Regulation [\(EC\) 219/2007](#)

Common Projects Regulation [\(EC\) 409/2013](#)

Community Specifications

Developed by ESOs

Airport Collaborative Decision Making (A-CDM)	EN 303 212 V1.1.1
	EN 303 213-1 V1.3.1
	EN 303 213-2 V1.3.1
Advanced Surface Movement Guidance and Control System (A-SMGCS)	EN 303 213-3 V1.1.1
	EN 303 213-4-1/EN 313 213-4-2 V1.1.1
	EN 303 213-5/EN 303 213-6 published under R&TTE Directive
Data Link Services (DLS)	EN 303 214 V1.2.1

Developed by EUROCONTROL

Flight Message Transfer Protocol (FMTP)	Spec-0100 Ed. 2.0
Initial Flight Plan System (IFPL)	Spec-0101 Ed. 1.00
ATS Data Exchange Presentation (ADEXP)	Spec-0107 Ed. 3.1
Flexible User of Airspace (FUA)	Spec-0112 Ed. 1.1
Air-Traffic Services Message Handling System (AMHS)	Spec-0136 Ed. 2.0
On-Line Data Interchange (OLDI)	Spec-0106 Ed. 4.2

Published as Technical Specifications

FDP Interoperability (ATC-ATC)	CEN TS 16071
Software Assurance Levels (SWAL)	CEN TS 16501

Incomplete Community Specifications

GBAS Cat I	Mandated to CEN
APV-BaroVNAV	Mandated to CEN
APV-SBAS (LPV)	Mandated to CEN

Future Community Specifications

Aerodrome Mapping Data	M/510 , publication due December 2014
Community Specifications as mandated by	M/524