

Mgt Green - Approved

03.00

Project Global Co-ordination and Management

Code	Deliverable Name	Date
D01-002	WP3 Coordination Meeting Report	27/08/12
D02-002	WP3 Management Plan	08/02/12
D07-001	WP3 Dissemination Material	28/10/12
D09-001	WP3 Deliverable Review sheet	29/01/12
D12-002	WP3 Communication Plan	27/08/12

Mgt Green - Approved

03.01

Project Validation Infrastructure Requirements Definition

Code	Deliverable Name	Date
	Contribution to Risks, Issues and Opportunities WP3 Register	quarterly
	Contribution to Progress Report	quarterly
	Coordination Meeting report	quarterly
D04-002	Contribution to Progress Management Plan	30/03/12
D05-002	Contribution to Dissemination Report	30/10/12

R&D Green - Approved

03.01.03

Project V&V Platform System Requirements

Code	Deliverable Name	Date
D02-	V&VP Engineering Data Management Report (Phase 1)	20/11/12
D04-001	V&VP Technical Acceptance Test Plan (Phase 1)	20/11/12
D04-002	V&VP Technical Acceptance Test Plan (Phase 1)	20/11/12

Mgt Green - Approved

03.02

Project Validation Infrastructure Analysis

Code	Deliverable Name	Date
	Contribution to Risks, Issues and Opportunities WP3 Register	quarterly
	Contribution to Progress Report	quarterly
	Coordination Meeting report	quarterly
D02-003	WP3.2 Plan	02/04/12
D04-002	WP3.2 Annual Report	15/07/12
D06-002	Contribution to WP3 Dissemination Report	30/06/12

R&D Green - Approved

03.02.01

Project IBPs & Tools Baseline Documentation

Code	Deliverable Name	Date
D03-	STEP 2 - Information Management Report (operational/management view)	20/11/12
D06-	STEP 2 - IBPs & Tools Baseline Documentation Report	20/11/12
D08-	V&VP IOP Report (related to 3.3.1 Deliverable - D3)	10/03/12

R&D Green - Approved

03.02.02

Project IBPs Use Planning

Code	Deliverable Name	Date
D04-	Initial IBP's evolution plans for step 1	14/07/12
D05-	Final Platform allocation matrix for step 1	07/02/12
D06-	Final IBP's evolution plans for step 1	01/07/12
D07-	Platform allocation matrix for step 2	19/11/12
D08-	IBP's evolution plans for step 2	19/11/12

Mgt Green - Approved

03.03

Project	Tools Development and Acceptance	
Code	Deliverable Name	Date
	Contribution to Risks, Issues and Opportunities Register	quarterly
	Contribution to Progress Report	quarterly
	Coordination Meeting report	quarterly
D02-003	WP3.3 Plan	02/04/12
D04-002	WP3.3 Annual Report	15/07/12
D06-002	Contribution to WP3 Dissemination Report	30/06/12

R&D Green - Approved 03.03.01

Project	V&V Platform architecture and specifications	
Code	Deliverable Name	Date
D03-	V&VP IOP Report	10/03/12
D04-	Step 1 V&VP ADDs	01/09/12
D05-	Step 1 V&VI Tools Specifications	01/09/12
D06-	Step 1 V&VP Integration Plan	01/09/12

R&D Green - Approved 03.03.02

Project	V&V Platform Development	
Code	Deliverable Name	Date
D02-	V&VI Software Material for Step 1	29/09/12
D03-	Integration Report for Step 1 and EnRoute-TMA domain	15/12/12
D04-	Integration Report for Step 1 and Aircraft domain	15/12/12
D05-	Integration Report for Step 1 and Airport domain	15/12/12
D06-	Integration Report for Step 1 and NIMS domain	15/12/12
D07-	Integration Report for Step 1 and cross domain	15/12/12
D08-	Maintenance Report for Step 1	29/12/12
D101-	Integration Report for R2 vs ENR-TMA	16/12/12
D103-	Integration Report for R2 vs Aircraft	16/12/12
D105-	Integration Report for R2 vs Airport	16/12/12
D107-	Integration Report for R2 vs Network	16/12/12
D109-	Integration Report for R2 vs Cross Domain	16/12/12

R&D Green - Approved 03.03.03

Project	V&V Platform acceptance and support	
Code	Deliverable Name	Date
D03-	IBP V&VP Technical Acceptance Report (Step 1)	16/12/12
D04-	IBP V&VP Operational Acceptance Review Report (Step 1)	16/12/12
D05-	In-Service Support Report (Step1)	16/12/12
D06-	Problem Management Report (Step 1)	16/12/12
D07-	IBP V&VP Technical Acceptance Report (Step 2)	15/12/12
D08-	IBP V&VP Operational Acceptance Review Report (Step 2)	15/12/12

Mgt Green - Approved 04.00

Project	Global co-ordination & management	
Code	Deliverable Name	Date
	WP4 Regular Progress Report	quarterly
D03-002	WP4 Annual Work Package Report	20/04/12
	WP4 RIO Registry	quarterly

R&D Green - Approved 04.02

Project Consolidation of operational concept definition and validation including operating mode and air-ground task sharing.		
Code	Deliverable Name	Date
D05-	D01-01-3 - WP4 project roadmap - Step 3	28/12/12
D07-	D01-02-1-3 WP4 Detailed Operational Descriptions (DOD) Step1-Final	15/09/12
D19-	D01-03-1-1-2 Consolidated Operational Service and Environment Descriptions (OSED) Step1- R1	01/02/12
D32-	D01-03-2-1-2 Consolidated Interoperability Requirements (INTEROP) Step 1- R1	01/02/12
D33-	D01-03-3-1-2 Consolidated Safety and Performance Requirements (SPR) Step1- R1	01/02/12
D34-	D01-03-2-1-3 Consolidated Interoperability Requirements (INTEROP) Step 1 - Final	10/11/12
D35-	D01-03-3-1-3 Consolidated Safety and Performance Requirements (SPR) Step1 - Final	19/07/12
D59-	D02-01-1-3 En Route Concept Validation Strategy document Step1-Final	30/06/12
D71-	D02-02-1-2 En Route Concept Validation Exercise Plan Step1 -R1	01/02/12
D84-	D02-03-1-2 En Route Concept Validation Report Step1 -R1	01/05/12

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04.03

Project Integrated and pre-operational validation & cross validation		
Code	Deliverable Name	Date
D03-	Support to WP4 Integrated Validation Strategy update for Step 1	29/11/12
D04-	Support to WP4 Integrated Validation Strategy Definition for Step 2	31/10/12
D08-	IOP Integration Plan	05/04/12
D10-	IOP Integration Report	22/09/12
D101-	IOP Validation - Platform Configured	03/05/12
D102-	EXE-022 Results	31/05/12
D103-	IOP Validation Report	30/10/12
D106-	i4D validation - Platform configured	02/01/12
D108-	EXE-029 Results	29/04/12
D109-	EXE-323 Results	02/01/12
D11-	EXE-026 Results	03/08/12
D110-	EXE-330 Results	29/02/12
D111-	i4D Validation Report	27/06/12
D112-	IOP+i4D Validation Plan	09/05/12
D115-	CM Platform configured	31/01/12
D116-	CM Validation Report	31/05/12
D123-	CMD & Sector Team Ops - Validation Report	15/02/12
D125-	L3 Project Support - Validation report	31/12/12
D17-	IOP+i4D OSED & Requirements	01/02/12
D18-	IOP+i4D Integration Plan	09/05/12
D19-	IOP+i4D Validation Exercise Plan	09/05/12
D20-	IOP+i4D Integration Report	30/09/12
D23-	CM Integration Plan	16/01/12
D25-	CM Integration Report	03/06/12
D26-	CM Exercise Results	31/03/12
D34-	L3 Project Support - Validation Exercise Plan	30/03/12
D35-	L3 Project Support - Integration Report	13/07/12
D36-	L3 Project Support - Exercise Results	19/08/12
D52-	i4D Validation report - Flight Trials	29/04/12

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04.05

Project Trajectory management framework in En route

Code	Deliverable Name	Date
D07-	S1 Overall TMF V2 Preliminary OSED document set:	10/02/12

D13-	S1 RNAV/ADD contribution to V2 Validation Report	01/02/12
D17-	S1 V3-Validation Plan	09/03/12
D18-	S1 V3-Validation Report	27/07/12
D19-	S1 V3 Overall TMF Final OSED document set	25/08/12
D20-	S2 Development Plan for Step 2	25/05/12
D21-	S2 Template V2 Preliminary OSED document set:	31/08/12
D22-	S2 Interim Contribution to AIRM	31/08/12
D23-	S2 Overall TMF V1 Validation Plan	02/10/12
D24-	S2 Overall TMF V1 Initial Validation Report	03/12/12
D28-	S2 RBT Exchange contribution to V1 Initial OSED	23/11/12
D29-	S2 RBT Exchange V1 Validation Plan	21/12/12
D34-	S2 PBN contribution to V1 Initial OSED	23/11/12
D35-	S2 PBN V1 Validation Plan	21/12/12
D40-	S2 Dynamic ATFM contribution to V1 Initial OSED	23/11/12
D41-	S2 Dynamic ATFM V1 Validation Plan	21/12/12

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04.07

Project En route trajectory and separation management

Code	Deliverable Name	Date
	Contribution to WP4 Regular Progress Report	quarterly
	Contribution to WP4 Annual Work Package Report	quarterly
	Meeting minutes for each WP coordination meeting	quarterly

R&D Green - Approved

04.07.01

Project Complexity Management in En Route

Code	Deliverable Name	Date
D02-	STEP 1 Final Business case	17/05/12
D04-	STEP 1 Final Operational Concept (final version)	17/05/12
D06-	STEP 1 Final Operational Requirements (final version)	17/05/12
D08-	STEP 1 Final Safety and Performance Requirements (SPR) (final version)	17/05/12
D10-	STEP 1 Final Interoperability Requirements (INTEROP) (final version)	17/05/12
D13-	STEP 1 Final Validation Report-1	27/02/12
D14-	STEP 1 Final Validation Report-2	28/03/12
D15-	STEP 1 Validation exercise 2	30/01/12
D17-	STEP 2 V1 Validation Plan - validation report 1 - 16.y.z & 4.2	20/05/12
D19-	STEP 2 Mock-up 1: Assess & Detect	14/05/12
D20-	STEP 2 Mock-up 2: Dynamic Airspace	14/05/12
D21-	STEP 2 Mock-up 3: Trajectory Management	14/05/12
D22-	STEP 2 Mock-up 4: Resource Allocation	14/05/12
D24-	STEP 2 Initial Validation Exercise	12/09/12
D25-	STEP 2 Initial Validation Report	08/11/12

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04.07.02

Project Separation Task in En Route Trajectory based environment

Code	Deliverable Name	Date
D01-	V2 Business case report_1	16/08/12
D05-	V2 Validation Report_1	09/07/12
D07-	V2 OSED_1	08/08/12
D08-	V2 Safety and Performance Requirements_1	08/08/12
D12-	V3 Business case report_1	11/12/12

R&D Green - Approved

04.07.03

Project	Use of Performance Based Navigation (PBN) for En Route Separation Purposes	
Code	Deliverable Name	Date
D04-	Validation report 1	01/01/12
D05-	Validation 2 exercise plan	01/01/12
D06-	Consolidated validation report & updated OSED	30/03/12
D07-	Case for operational deployment	31/03/12
D09-	Transition from 2D fixed routes to 2D trajectories validation plan	03/09/12

R&D Red - Suspended 04.07.04.a

Project	ATSA-ITP Pioneer Trials	
Code	Deliverable Name	Date
D05-	Pre-operational Trial Validation report	08/05/12
D09-	Statement of Readiness for Operational Trials	28/08/12
D10-	Operational Trial Validation report	18/12/12
D11-	ATSA-ITP NAT Safety Strategy	14/02/12

R&D Green - Approved 04.07.04.b

Project	ASAS-ASEP Oceanic Applications	
Code	Deliverable Name	Date
D03-	OSED for ASEP Functions v 0.2	13/11/12
D20-	Real Time Simulations Validation Report for ASEP-ITF and ASEP-ITM Step 1 & Real Time Simulations Report from the Step 1 ASEP Simulations	10/05/12

R&D Green - Approved 04.07.06

Project	En Route Trajectory and Separation Management - ASAS Separation (Cooperative Separation)	
Code	Deliverable Name	Date
D08-	V1 - FTS Validation Report	06/10/12
D09-	V1 - Mock-ups Validation Plan	21/02/12
D10-	V1 - Mock-ups Validation Report	21/08/12

R&D Green - Approved 04.07.07

Project	Implementation of the Dynamic Capacity Management in a high density area	
Code	Deliverable Name	Date
D12-	Preliminary Validation Plan	01/08/12
D13-	Dynamic Capacity Management-Final OCD-OSED	04/06/12
D14-	Scenarios- Final OCD-OSED	04/06/12
D15-	Dynamic Capacity Management-Final OR	04/06/12
D16-	Final Operational Procedures	04/06/12
D17-	Final Integration and validation of operational concept report - Interoperability Report	10/09/12
D18-	Final Business Case Report	04/06/12
D19-	Final Validation Report	30/07/12

R&D Green - Approved 04.07.08

Project	Controller Team Organisation, roles and responsibilities in a trajectory based operation within En-route airspace (including multi-sector planner)	
Code	Deliverable Name	Date
D03-	OSED (QW)	27/07/12
D08-	Acceptance Test Report (ER1)	27/09/12
D09-	High Level Validation Plan	15/02/12
D10-	Validation Report (QW)	29/06/12
D11-	Validation Report (ER1)	21/12/12
D14-	SPR (QW)	29/06/12
D16-	Interops (QW)	29/06/12

Mgt Green - Approved

04.08

Project En Route and TMA ground and airborne safety nets

Code	Deliverable Name	Date
	Contribution to WP4 Regular Progress Report	quarterly
D02-002	Contribution to WP4 Annual Work Package Report	16/08/12
	SWP 4.8 RIO Registry	quarterly
	Meeting minutes for each WP coordination meeting	quarterly

R&D Green - Approved

04.08.01

Project Evolution of Ground Based Safety Nets

Code	Deliverable Name	Date
D05-	VR-TMA-STCA-V3 Operational evaluation of industrial STCA prototype for TMA	27/01/12
D15-	VR-Safety-DAP-G-SNET-V2 Safety assurance elements for the use of	30/06/12
D17-	OR-DAP-G-SNET-V2 Preliminary operational requirements for the use of down-linked	01/03/12
D18-	SPR-DAP-G-SNET-V2 Preliminary safety and performance requirements	28/12/12
D22-	OCD-3-4D-G-SNET-V1 Initial operational concept for G-SNETs adapted to future 3-4D trajectory	27/01/12
D23-	VR-3-4D-G-SNET-V1 Feasibility and options for use of trajectory information in	01/06/12
D24-	VP-3-4D-STCA-V2 Validation Plan for evaluation of enhanced STCA adapted to future	28/09/12

R&D Green - Approved

04.08.02

Project Evolution of Airborne Safety Nets

D10-	VR-AUTO Validation report on adapting ACAS to autoflight CAS	02/05/12
D11-	FR-NONACAS potentially improving ACAS-non-ACAS compatibility	02/05/12
D12-	FR-TRAJ Feasibility report of using trajectory data in ACAS	31/08/12
D13-	VR-COMPA ways to improve ACAS compatibility with existing separation modes	31/08/12
D14-	VP-NEW Validation Plan of possible ACAS modifications for PB operations	04/12/12

R&D Green - Approved

04.08.03

Project Ground-Airborne Safety Net Compatibility

Code	Deliverable Name	Date
D06-	OR-RADL Operational requirements on the filtering of ACAS RA information	02/07/12
D08-	OCD-RADL-2 ATC operations including the display of ACAS RA downlinked information to the controller - final version	01/07/12
D09-	VP-RADL-V2 Preliminary validation plan of proposed display and use of ACAS RA downlinked information by the controller	02/07/12
D10-	VR-RADL-V2 Preliminary validation report on proposed display and use of ACAS RA downlinked information by the controller	01/09/12
D13-	VP-ACAS/STCA-4D-V2 Preliminary validation plan of joint operations of ACAS and enhanced STCA adapted to future 4D trajectory operations	30/01/12
D15-	VR-Safety-ACAS/STCA-4D-V2 Safety assurance elements for joint operations of ACAS and enhanced STCA adapted to future 4D trajectory operations	01/11/12
D29-	SM-Encounter-4D Specifications of the SNET encounter model for trajectory-based operations with ground-based separation	31/10/12
D30-	SM-Actors-4D Specifications of the controller and pilot models for trajectory-based operations with ground-based separation	30/08/12
D31-	XX-Metrics-4D Metrics for the assessment of compatibility of ACAS and STCA in trajectory-based operations with ground-based separation	29/06/12

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05.02

Project Consolidation of Operational Concept Definition and Validation

Code	Deliverable Name	Date
D102-	Interim WP Trajectory Based Validation Strategy Report available	15/05/12
D103-	Consolidated Validation Needs for WP3 Draft A	01/01/12

D104-	Consolidated Validation Needs for WP3 Draft B	01/08/12
D36-	Step 1 DOD Final Release Deliverable	01/06/12
D37-	Step 2 DOD Report available	01/08/12
D40-	Consolidated OSEDs Draft A	01/06/12
D41-	Consolidated OSEDs Draft B	01/08/12
D45-	Consolidated INTEROP Draft A available	01/06/12
D46-	Consolidated INTEROP Draft B available	01/08/12
D53-	Consolidated Validation Plans Draft A available	01/07/12
D54-	Consolidated Validation Plans Draft B available	30/06/12
D58-	Step 1 Initial Validation Report available	01/10/12
D61-	Consolidated SPRs (Initial)	01/06/12

R&D Green - Approved

05.03

Project Integrated and Pre-Operational Validation & Cross Validation

Code	Deliverable Name	Date
D03-	Integration Validation Plan (step 1)	02/10/12
D08-	Platform Configuration VA1 (step 1)	17/01/12
D09-	Validation report VA1 (step 1)	15/05/12
D11-	Platform Configuration VA2 (step 1)	02/10/12
D12-	Validation report VA2 (step 1)	31/12/12

Mgt Green - Approved

05.04

Project TMA and En-route co-operative Planning

Code	Deliverable Name	Date
	Contribution to the Work Package Management Plan	semiannually
	Contribution to the Work Package Governance and reporting process	semiannually
	Contribution to the Work Package Dependency Plan	quarterly
	Contribution to the Work Package Schedule	semiannually
	Contribution to the Work Package Progress Reports	monthly
D07-003	Contribution to the Work Package Risk, Issues and Opportunities Register Update	29/01/12

R&D Green - Approved

05.05.01

Project Trajectory Management Framework in TMA

Code	Deliverable Name	Date
D08-	Phase 1 TMA Trajectory Management Framework Interim OSED	29/01/12
D13-	Phase 1 V3 Validation Plan	17/06/12
D14-	Phase 1 - V3 Validation Report	23/05/12
D15-	Phase 1 Final Contribution to AIRM	04/09/12
D16-	Phase 1 TMA Trajectory Management Framework OSED	04/09/12
D36-	Phase 1 Advanced Modelling Result	31/03/12

R&D Green - Approved

05.05.02

Project Improved Airline Flight Plan Information into ATC Trajectory Prediction (TP) Tools

Code	Deliverable Name	Date
D04-	Final project report on the concept and benefits for improving TP using AOC data	30/04/12

R&D Green - Approved

05.06.01

Project QM1 - Ground and Airborne Capabilities to Implement Sequence

Code	Deliverable Name	Date
D07-	Step 1 Preliminary OSED	30/04/12
D08-	Step 2 V1 Validation Plan	30/06/12
D09-	Step 1 V3 Validation Plan - third iteration	31/12/12

D10-	Step 2 V2 Validation Plan - first iteration	31/12/12
D25-	Step 1 Iteration 1 Wide Scale Flight Trials Result (Internal)	01/03/12
D28-	Step 1 Iteration 1 Model Based Simulations Result (Internal)	01/02/12
D29-	i4D 1st iteration Flight Trial report (Internal)	01/05/12
D30-	Step 1 - Airborne Requirements Synchronization (internal)	30/04/12
D31-	Step 1 Iteration 1 CTA Benefits Analysis (Internal)	30/06/12
D32-	Step 1 Iteration 2 Wide Scale Flight Trials Result (Internal)	30/06/12
D33-	CPDLC + CTA Trial (internal)	08/08/12
D34-	Step 1 Iteration 2 Model Based Simulations Result (Internal)	01/10/12
D35-	Step 1 Cockpit Integration Results (Internal)	31/12/12
D36-	Expert Group 2012 Step 1 Activities (sessions 5,6) (Internal)	31/12/12
D37-	Step 1 Scenario Development Sessions for 2012 Results (Internal)	31/12/12
D38-	Step 1 Iteration 3 Wide Scale Flight Trials Result (Internal)	31/12/12
D39-	Step 2 Trajectory Based CTA Issues Report (Internal)	31/12/12

R&D Green - Approved

05.06.02

Project QM-2 - Improving Vertical Profile

Code	Deliverable Name	Date
D04-	Step 1 Vertical Improvements through Procedural Change	28/03/12
D05-	Step 2 Advanced Concept of Operations	09/08/12
D22-	Validation Plan Step 1 V3	21/01/12
D23-	Validation Plan Step 2 V2	21/09/12

R&D Green - Approved

05.06.03

Project QM-3 - Approach Procedure with Vertical Guidance (APV)

Code	Deliverable Name	Date
D06-	Benefit Assessment for Advanced Procedures Report	24/01/12
D08-	Advanced Procedures Identification Report	24/04/12
D11-	LPV Procedures	03/02/12
D12-	Advanced Procedures	25/11/12
D16-	LPV Safety Cases	15/08/12
D19-	Aircraft Assessment Report	10/07/12
D20-	Aircrew Operating Procedures and Training Report	10/07/12
D21-	European Regulatory Processes for LPV Implementation Report - Phase ADV	08/02/12

R&D Green - Approved

05.06.04

Project QM-4 - Tactical TMA and En-route Queue Management

Code	Deliverable Name	Date
D08-	V2 Validation Plan stream C (internal 1)	15/02/12
D17-	V2 Preliminary Validation Report stream B (internal)	02/05/12
D18-	V2 Preliminary Validation Report stream C (internal1)	31/07/12
D20-	V2 Preliminary Validation Report stream C (internal3)	18/02/12
D23-	V2 Preliminary Validation Report stream C (internal6)	29/02/12
D24-	V2 Preliminary Validation Report stream D (internal)	21/02/12
D25-	V2 Preliminary Validation Report stream E (internal)	29/02/12
D26-	V2 Preliminary Validation Report (Package)	29/02/12
D27-	V3 Validation Plan	13/02/12
D28-	V2 Preliminary OSED	31/01/12
D30-	V2 Preliminary SPR/INTEROP	22/02/12
D31-	V3a Final Validation Report	10/09/12
D32-	V3a Updated Preliminary OSED	12/11/12
D33-	V3a Updated Preliminary Operational Requirements	12/11/12

D34-	V3a Updated Preliminary SPR/INTEROP	12/11/12
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R&D Green - Approved 05.06.06

Project QM-6 - ASAS Sequencing and Merging (TMA-8)

Code	Deliverable Name	Date
D09-	IT2 - SPR	02/07/12
D10-	IT2 - INTEROP	10/03/12
D11-	IT2 - VPLAN	17/03/12
D12-	IT2 - VREP	07/08/12
D13-	IT3 - OSED	23/11/12
D14-	IT3 - SPR	14/12/12
D16-	IT3 - VPLAN	10/10/12

R&D Green - Approved 05.06.07

Project QM-7 - Integrated Sequence Building/Optimisation of Queues

Code	Deliverable Name	Date
D01-	Preliminary Business Case Report - Step 1	01/02/12
D02-	Preliminary SPR - Step 1	01/02/12
D03-	Preliminary KPA Impact Assessment Report - Step 1	01/02/12
D06-	Preliminary Operational Requirements and INTEROP - Step 1	01/02/12
D07-	V3 Development Plan - Step 1	01/02/12
D08-	Preliminary Validation Report - Step 1	01/02/12
D10-	R&D Needs for V3 - Step 1	01/02/12
D11-	Final Business Case Report - Step 1	07/03/12
D12-	Final SPR - Step 1	04/06/12
D13-	Final KPA Impact Assessment Report - Step 1	04/06/12
D14-	Final Operational Concept REVIEW and final OSED part 1 - Step 1	29/08/12
D15-	Final Operational Procedures and final OSED part 2 -	29/08/12
D16-	Final Operational Requirements and final INTEROP - Step 1	23/11/12
D18-	Business Case Report (initial) - Step 2	27/02/12
D19-	Operational Concept Document (initial) REVIEW and initial OSED - Step 2	23/05/12
D20-	V2 Development Plan - Step 2	23/05/12
D21-	V2 Validation Plan - Step 2	20/08/12
D22-	V2 R&D Needs - Step 2	14/11/12
D45-	Deliverable Validation Report of EXE-05.06.07-VP-427	15/01/12

R&D Green - Approved 05.07.02

Project Development of 4D Trajectory-Based Operations for separation management using RNAV/PRNAV

Code	Deliverable Name	Date
D02-	Concept coherence Step 1	31/10/12
D06-	i4D - Separation aspects refinement	31/08/12
D07-	i4D - V3 Setting validation requirements	31/05/12
D20-	Case A: Prototypes for validation V2 in step 2	31/10/12
D22-	Case A: V2 Validation plan in step 2	29/02/12
D29-	Case B: Prototypes for validation V2 in step 2	31/10/12
D31-	Case B: V2 Validation plan in step 2	29/02/12
D38-	Case C: Prototypes for validation V2 in step 2	31/10/12
D40-	Case C: V2 Validation plan in step 2	29/02/12

R&D Green - Approved 05.07.04

Project Full Implementation of PRNAV in TMA

Code	Deliverable Name	Date
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D000-	Closeout report	14/06/12
D01-	P5.7.4 Project Management Plan	14/06/12
D04-	P5.7.4 Implementation Plan - P-RNAV Procedures in Madrid TMA	05/04/12
D05-	P5.7.4 Publish Final OSED for Point Merge in Milan TMA	29/02/12
D06-	P5.7.4 Publish Final OSED for Point Merge in London TMA	01/04/12
D07-	P5.7.4 Publish SPR for Point Merge in Milan TMA	29/02/12
D08-	P5.7.4 Publish SPR for Point Merge in London TMA	01/04/12
D12-	P5.7.4 Publish Final Validation Report	29/02/12
D13-	Publish Integrated OSED	02/05/12
D14-	Final Business Case and Transition Feasibility Report	30/05/12

R&D Green - Approved

05.09

Project Usability Requirements and Human Factors Aspects for the Controller Working Position

Code	Deliverable Name	Date
D14-	Consolidated Requirements and Use Cases Step 1	01/09/12
D15-	TMA Initial Operational and SPR Requirements Step 2	12/04/12
D16-	En-Route Initial Operational and SPR Requirements Step 2	12/04/12
D17-	TMA Initial Human Factor Requirements Step 2	12/04/12
D18-	En-Route Initial Human Factor Requirements Step 2	12/04/12
D19-	TMA Initial Use Cases Step 2	19/06/12
D20-	En-Route Initial Use Cases Step 2	19/06/12
D21-	Technical Supervisor Initial Requirements and Use Cases Step 2	19/06/12
D22-	Detailed Validation Strategy Step 2 - V2 and V3	07/09/12
D23-	Validation Exercise Plans Step 2 - V2 and V3	29/12/12
D89-	VP148 Validation report	29/02/12
D94-	VP143 Validation Exercise Plans Step 1 - V2 and V3	28/02/12
D96-	Validation report	30/06/12
D99-	VP356 Validation report	01/03/12

Mgt Green - Approved

06.00

Project Global Co-ordination & Management

Code	Deliverable Name	Date
	WP6 Risks, Issues and Opportunities Register (at WP Level)	monthly
	WP6 Progress Report	semiannually
	Management Committee Meeting report	quarterly
	WP6 Management Plan	semiannually
	WP6 Change Request	quarterly
	WP6 Change Impact Assessment Report	semiannually
	Deliverables Acceptance Report or Recommendations	semiannually
	WP6 Technical Committee Report	semiannually
D13-002	WP6 Annual Work Package Report	15/01/12
	WP6 Issue Resolution Meeting Minutes	semiannually

R&D Green - Approved

06.02

Project Coordination and consolidation of operational concept definition and validation

Code	Deliverable Name	Date
D09-	D01-02-02 WP6 Detailed Operational Descriptions Step 2 - Interim	02/02/12
D12-001	D01-03-02 WP6 Detailed Operational Descriptions Step 3 - Interim 1	01/08/12
D14-	D02-01-02 Consolidated Operational Service and Environment Descriptions (OSED) Step1 - Draft	01/01/12
D16-	D02-02-01 Consolidated Operational Service and Environment Descriptions (OSED) Step 2 - Interim	01/04/12
D19-001	D02-03-01 Consolidated Operational Service and Environment Descriptions (OSED) Step3 - Interim 1	01/05/12
D22-	D03-01-02 Consolidated Interoperability (INTEROP) & Safety and Performance Requirements (SPR) Step1	01/01/12

D23-	D03-01-03 Consolidated Interoperability (INTEROP) & Safety and Performance Requirements (SPR) Step1	30/07/12
D24-	D03-02-01 Consolidated Interoperability (INTEROP) & Safety and Performance Requirements (SPR) Step 2	01/04/12
D27-001	D03-03-01 Consolidated Interoperability (INTEROP) & Safety and Performance Requirements (SPR) Step3	01/05/12
D34-	D04-02-02 WP6 Validation Strategy and Framework Step 2 - Final	01/06/12
D36-001	D04-03-01 WP6 Validation Strategy and Framework Step3 - Interim 1	01/07/12
D39-	D05-01-02 Consolidated Validation Reports Step1	01/01/12
D41-	D05-02-01 Consolidated Validation Reports Step 2 - Draft	01/11/12
D47-	D06-01-02 Consolidated WP6 Business Case Step1	01/01/12
D55-	D07-01-02 Consolidated WP6 Safety Case Step1	01/01/12
D57-	D07-02-01 Consolidated WP6 Safety Case Step 2 - Draft	01/11/12
D80-	D08-01-02 Consolidated WP6 Environment Case Step1	01/01/12
D82-	D08-02-01 Consolidated WP6 Environment Case Step 2 - Draft	01/11/12

Mgt Green - Approved

06.03

Project Integrated and pre-validation

Code	Deliverable Name	Date
	Contribution to WP6 Regular Progress Report	quarterly
D02-003	Contribution to WP6 Annual Work Package Report	20/12/12
	SWP6.3 RIO Registry	quarterly

R&D Green - Approved

06.03.01

Project The Airport in the ATM environment

Code	Deliverable Name	Date
D08-	Step 1 Activity X validation report	29/06/12
D09-	Step 2 - V2 validation plan for activity X	31/08/12

R&D Green - Approved

06.03.02

Project Airport ATM performance (execution phase)

Code	Deliverable Name	Date
D06-	Step 1 IBP acceptance tests for Malpensa S1	15/01/12
D07-	Step 1 Malpensa S1 validation preparation report	15/02/12
D08-	Step 1 Malpensa S1 validation exercise results	01/04/12
D09-	Step 1 Malpensa S1 validation report	01/06/12
D10-	Step 2 V2 activity X validation plan	01/10/12
D11-	Step 2 V2 IBP definition needs for activity X	01/11/12
D34-	Step 1 - Support to cases development report	31/07/12
D39-	Step 1 IBP acceptance tests for CDG S1	15/01/12
D40-	Step 1 CDG S1 validation preparation report	15/02/12
D41-	Step 1 CDG S1 validation exercise results	01/04/12
D42-	Step 1 CDG S1 validation report	01/06/12
D45-	Step 1 IBP acceptance tests for L3 projects	15/01/12
D46-	Step 1 L3 projects validation preparation report	15/02/12
D47-	Step 1 L3 projects validation exercise results	01/04/12
D48-	Step 1 L3 projects validation report	01/06/12

R&D Green - Approved

06.05.01

Project Airport Operations Plan Definition

Code	Deliverable Name	Date
D16-	AOP / Airport Performance Framework consolidation document	01/03/12
D17-	Initial Business case and guidelines for AOP deployment document	01/04/12

R&D Green - Approved

06.05.02

Project	Airport Operations Plan Validation	
Code	Deliverable Name	Date
D05-	Mock-up availability note	29/02/12
D06-	Mock-up assessment results	01/02/12
D07-	Operational Concept Description (4D trajectory ground phase)	01/01/12
D08-	Theme 1 Validation strategy	01/01/12
D12-	Theme 2 Validation report	31/07/12

R&D Green - Approved 06.05.03

Project	Airport Capacity and Flow Management	
Code	Deliverable Name	Date
D05-	6.5.3.D005 DCB Preliminary OCD	13/04/12

R&D Green - Approved 06.05.04

Project	AirPort Operations Centre (APOC) definition	
Code	Deliverable Name	Date
D07-	Preliminary Operational Concept document (V2)	02/03/12

R&D Green - Approved 06.05.05

Project	Integration of MET Data into APOC processes	
Code	Deliverable Name	Date
D07-	preliminary OCD	16/02/12
D08-	V2 validation report	16/12/12

Mgt Green - Approved 06.06

Project	Airport CDM	
Code	Deliverable Name	Date
D01-011	Contribution to WP6 Regular Progress Report	quarterly
D02-003	Contribution to WP6 Annual Work Package Report	20/12/12
D03-011	SWP6.6 RIO Registry	quarterly

R&D Green - Approved 06.06.01

Project	Operations in adverse weather and/or exceptional operating conditions/recovery management	
Code	Deliverable Name	Date
D02-	Initial OSED	21/01/12
D03-	Validation Plan (V1)	16/04/12
D04-	Initial Validation Report (V1)	10/07/12
D05-	Preliminary OSED	27/11/12

R&D Green - Approved 06.06.02

Project	Integration of airport - airline/ground handlers - ATC processes (incl. turnaround) in ATM	
Code	Deliverable Name	Date
D02-	De-icing Step1 V3 Preliminary OSED	22/06/12
D08-	De-icing Step1 V3 Preliminary SPR	06/07/12
D09-	De-icing Step1 V3 Preliminary INTEROP	20/07/12
D16-	De-icing Step1 V2 Validation Plan	01/05/12
D18-	De-icing Step1 V2 Validation Report	30/03/12
D19-	De-icing Step1 V3 Validation plan	28/09/12
D20-	De-icing Step 1 V3 System Integration ARN & HEL	14/12/12
D22-	Performance Monitoring Service Step2 V2 Validation Plan	13/01/12
D23-	Performance Monitoring Service Step2 V2 Validation Report	26/10/12
D26-	De-icing Step1 V2 Business Case baseline	01/05/12

D27-	De-icing Step1 V2 Business Case	27/04/12
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Mgt Green - Approved

06.07

Project Surface management**Code** Deliverable Name **Date**

D01-011	Contribution to WP6 Regular Progress Report	quarterly
D02-002	Contribution to WP6 Annual Work Package Report	20/06/12
D03-008	SWP6.7 RIO Registry	quarterly

R&D Green - Approved

06.07.01

Project Airport safety support tools for pilots, vehicle drivers and controllers**Code** Deliverable Name **Date**

D01-008	Quarterly project report	quarterly
D04-	Operational concept for the integration of the safety support tools: updated OCD (second year)	03/07/12
D08-	RWSL V3 Validation Plan	02/03/12
D10-	Final RWSL OSED	28/11/12
D11-	Final RWSL SPR	29/11/12
D16-	Updated OSED for "Conflicting ATC Clearances"	01/02/12
D17-	Updated SPR for "Conflicting ATC Clearances"	01/02/12
D18-	V3 Validation Plan for "Conflicting ATC Clearances"	13/05/12
D23-	Preliminary SPR for "Conformance Monitoring"	15/02/12
D24-	V2 Validation Plan for "Conformance Monitoring" for controllers	31/03/12
D25-	V2 Validation Report for "Conformance Monitoring" for controllers	19/09/12
D26-	V2 Validation Plan for "Conformance Monitoring" for pilots	02/10/12
D39-	Updated OSED for "Alerts for vehicle drivers" following V2 trials	10/04/12
D40-	Updated SPR for "Alerts for vehicle drivers" following V2 trials	10/04/12
D41-	Updated INTEROP for "Alerts for vehicle drivers" following V2 trials	17/04/12
D42-	V3 Validation Plan for "Alerts for vehicle drivers"	08/08/12
D48-	Preliminary SPR for "Traffic Alerts for pilots"	21/01/12
D49-	Preliminary INTEROP for "Traffic Alerts for pilots"	28/01/12
D51-	V2 Validation Report for "Traffic Alerts for pilots"	21/04/12
D52-	Updated OSED for "Traffic Alerts for pilots" following V2 trials	09/08/12
D53-	Updated SPR for "Traffic Alerts for pilots" following V2 trials	09/08/12
D54-	Updated INTEROP for "Traffic Alerts for pilots" following V2 trials	16/08/12
D60-	Prototype supporting V3 trials on RWSL	20/01/12
D62-	Prototype supporting V3 trials on "Conflicting ATC Clearances"	12/09/12
D63-	Prototype supporting V2 trials on "Conformance Monitoring" for controllers	30/03/12
D65-	Prototype supporting V3 trials on "Alerts for vehicle drivers"	04/12/12

R&D Green - Approved

06.07.02

Project A-SMGCS Routing and planning functions**Code** Deliverable Name **Date**

D11-	Preliminary SPR	03/03/12
D12-	Preliminary OSED	03/03/12
D13-	Preliminary Operational Procedures	03/03/12
D14-	Preliminary Operational Requirements	03/03/12
D15-	Routing and planning controller interface (V2)	03/03/12
D16-	Route generation integrated with planning information (V2)	03/03/12
D17-	Data link routing information (V2)	03/03/12
D18-	Preliminary Validation Report	02/03/12
D19-	V3 Validation Plan	13/07/12
D20-	V3 Integration plan	02/03/12

D21-	Final SPR	12/10/12
D22-	Final OSED	12/10/12
D23-	Final Operational Procedures	12/10/12
D24-	Final Operational Requirements	12/10/12
D25-	Routing and planning function operational interoperability	12/10/12
D26-	Final Validation Report	12/10/12
D29-	V1 Validation Plan - step 2	21/09/12

R&D Green - Approved

06.07.03

Project A-SMGCS Guidance Function

Code	Deliverable Name	Date
D06-	Final Validation Plan Step 1	25/02/12
D09-	Preliminary Validation exercises report Step 1	22/03/12
D10-	Final OSED and Final Operational Procedures Step 1	26/01/12
D11-	Final SPR and Operational Requirements Step 1	26/01/12
D12-	Final Business Case report Step 1	26/01/12
D13-	Final technical feasibility and interoperability Step 1	26/06/12
D14-	Final Validation exercises report Step 1	28/05/12
D15-	Clean-Up Step 1	14/09/12
D16-	Initial OSED and Initial Operational Procedures Step 2	13/06/12
D17-	Initial Business Case reports Step 2	13/06/12
D18-	Initial Validation Plan Step 2	06/07/12
D19-	Preliminary Validation Plan Step 2	23/10/12
D20-	Initial technical feasibility and interoperability Step 2	25/11/12
D21-	Initial Validation exercises report Step 2	20/12/12
D25-	Final Validation Plan Step 2	28/12/12
D34-	Operational Acceptance Review completion - Step 1	21/03/12

R&D Green - Approved

06.08.01

Project Flexible and Dynamic Use of Wake Vortex Separations

Code	Deliverable Name	Date
D05-	OCD and OSED - s1	31/07/12
D10-	Internal exercise report - s1	30/06/12
D11-	Internal exercise results - s1	30/09/12
D12-	Final validation report - s1	31/12/12

R&D Green - Approved

06.08.02

Project Enhanced Runway Management Through Optimised Braking Systems

Code	Deliverable Name	Date
D03-	Early live trials definition	01/01/12
D06-	Validation Report - model based simulations	01/11/12
D07-	Human In The Loop exercises plan	01/04/12
D08-	Validation report - human in the loop exercises	31/03/12
D09-	Refined BTV-ATM concept of operations	30/06/12
D10-	V3 validation plan	31/08/12
D11-	Advanced trials plan	30/06/12
D12-	Validation report - advanced trials	31/12/12
D13-	Human In The Loop exercises with industrial prototype plan	31/12/12

R&D Green - Approved

06.08.03

Project Separation minima reductions across flight phases

Code	Deliverable Name	Date
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D04-	S1 V1 SPR	11/12/12
D05-	S1 V1 Validation plan	19/01/12
D06-	S1 V1 Validation Report	07/08/12
D07-	S1 V1 Safety Report	18/09/12
D08-	S1 V2 OSED	30/10/12
D09-	S1 V2 Interoperability Requirements	30/10/12
D22-	S2 Separation Minima Reduction Selection	15/12/12
D23-	S2 V1 OSED	01/06/12
D24-	S2 V1 Interoperability Requirements	23/10/12

R&D Green - Approved

06.08.04

Project Coupled AMAN-DMAN

Code	Deliverable Name	Date
D09-	6.8.4-S01V2 Validation Report Basic DMAN/ASMGCS	01/06/12
D10-	6.8.4-S01V2 Mockup Basic AMAN/DMAN	03/01/12
D11-	6.8.4-S01V2 Validation Report Basic AMAN/DMAN	02/02/12
D12-	6.8.4-S01V2 Validation Report Basic AMAN/DMAN/ASMGCS	30/08/12
D13-	6.8.4-S01V2 Preliminary OSED	23/11/12
D14-	6.8.4-S01V2 Preliminary SPR and INTEROP	22/11/12
D19-	6.8.4-S02 Validation Strategy	26/06/12
D21-	6.8.4-S02V1 Initial OSED	03/04/12
D22-	6.8.4-S02V2 Validation Plan for V2	26/06/12

R&D Green - Approved

06.08.05

Project GBAS operational implementation

Code	Deliverable Name	Date
D02-	Generic Operational Implementation Plan for GBAS CAT I	02/04/12
D03-	GBAS CAT I Proposals for Standardizations Report	01/04/12
D04-	Concept of GBAS Advanced Operations Document	02/06/12
D05-	Approach Procedures Charts and Path Terminators for DT and RNP transition to GLS	01/10/12
D10-	GBAS CAT II/III Recommendations on Subsystem Allocation Position Paper	02/01/12
D12-	Concept Validation Plan for GBAS CAT II/III	01/12/12

R&D Green - Approved

06.08.07

Project Improved weather resilience - re-classify criteria for Low Visibility Procedures (LVP)

Code	Deliverable Name	Date
D04-	Initial Validation Report for enhanced cloud base detection V1-Step 1	16/03/12
D05-	V2 Development Plan (for enhanced cloud base detection technology) V1-Step 1	16/03/12
D06-	V2-Validation Plan (for enhanced cloud base detection) V1-Step 1	28/09/12
D08-	Preliminary SPR (Domains-1 &-3) V2-Step 1	12/10/12
D10-	Preliminary IVV Report (Domain-3) V2-Step 1	02/03/12
D11-	Preliminary Validation Plan (for Domain-3 prototype validation) V2-Step 1	02/03/12
D12-	Preliminary Validation Outcome Report (for Domain-3 prototype validation) V2-Step 1	28/09/12
D13-	Final IVV Report (Domain-3) V2-Step 1	12/10/12
D14-	V3 Development Plan (for Domain-3 jointly with P673 & P12.3.4) V3-Step 1	12/10/12
D15-	V3/ V2+ Validation Plan (for Domain-3) V3-Step 1	12/10/12
D16-	Preliminary OSED -enhanced cloud base detection V2-Step 1	22/06/12
D17-	Preliminary SPR- enhanced cloud base detection V2-Step 1	28/09/12
D22-	Final Ground controller HMI, User Requirements & System Def. Report for Vi Block Contr Virtual Stop V3	28/12/12
D26-	Initial Operational and HMI Requirements and Concept Development Plan - Aircraft-related V1-Step 1	12/10/12

Mgt Green - Approved

06.09

Project Tower management & CWP		
Code	Deliverable Name	Date
	Contribution to WP6 Regular Progress Report	quarterly
D02-002	Contribution to WP6 Annual Work Package Report	20/06/12
	SWP6.9 RIO Registry	quarterly

R&D Green - Approved 06.09.02

Project Advanced integrated CWP (A-iCWP)		
Code	Deliverable Name	Date
D01-002	Initial Project Management Report	01/06/12
D04-002	Operational concept definition (step 1)	12/01/12
D07-002	V2 Requirements Specification (step 1)	29/02/12
D08-	V2 HF and safety requirements (step 1)	29/02/12
D09-	V2 ATC procedures and Use cases (step 1)	29/02/12
D10-	Milestone - Operational concept document	24/09/12
D11-	V3 Validation Plan (step 1)	28/07/12
D12-	V3 Requirements Specification (step 1)	24/09/12
D13-001	V1 Validation Plan (step 2)	13/08/12
D13-002	V1 Validation Plan (step 2)	13/09/12
D13-	V3 Validation report (step 1)	24/08/12
D15-001	V1 Requirements Specification (step2)	16/07/12

R&D Green - Approved 06.09.03

Project Remote & virtual TWR		
Code	Deliverable Name	Date
D03-	Rules & regulation analysis incl proposal for amendments report	16/10/12
D04-	Functional specifications for the project concept applications - Contingency	16/06/12
D06-	Single TWR trial 1 validation report	29/02/12
D07-	Single TWR trial 2 validation report	30/06/12
D16-	Cost benefit analysis report	16/06/12

R&D Green - Approved 07.02

Project Co-ordination and Consolidation of Concept Definition and Validation		
Code	Deliverable Name	Date
D06-	Step 2 V1 Initial Detailed Operational Descriptions	01/03/12
D08-	Step 2 V1 Integrated Validation Plan	01/03/12
D09-	Step 2 V2 Integrated Validation Plan	30/08/12
D11-	Step2 V1 Consolidated Validation Report	29/02/12
D18-	Step 3 V1 Integrated Validation Plan	30/12/12

R&D Green - Approved 07.03.02

Project Integrated Network CDM		
Code	Deliverable Name	Date
D03-	Step1 Exercise Plan	31/05/12

R&D Green - Approved 07.05.02

Project Advanced Flexible Use of Airspace		
Code	Deliverable Name	Date
D02-	OSED V3 Step 1	14/12/12
D03-	INTEROP V3 Step 1	01/12/12
D04-	SPR V3 Step 1	01/12/12

D05-	Validation Plan V3 Step 1	28/04/12
D06-	Validation Report V3 Step 1	31/10/12
D10-	OSD V2 Step 2	31/01/12
D11-	INTEROP V2 Step 2	31/01/12
D12-	SPR V2 Step 2	31/01/12
D13-	Validation Plan V2 Step 2	30/03/12
D20-	OSD V1 Step 3	09/03/12
D21-	Validation Plan V1 Step 3	09/03/12
D22-	Validation Report V1 Step 3	30/11/12

R&D Green - Approved

07.05.03

Project User Preferred Routing

Code	Deliverable Name	Date
D02-	OSD (Step 1 V3)	31/10/12
D03-	INTEROP (Step 1 V3)	31/10/12
D04-	SPR (Step 1 V3)	31/10/12
D07-	OSD (Step 2 V1)	01/07/12
D13-	Validation Plan (Step 2 V2)	31/03/12
D21-	Validation Plan (Step 3 V1)	10/03/12
D22-	Validation Report (Step 3 V1)	31/12/12

R&D Green - Approved

07.05.04

Project Dynamic Airspace Configurations

Code	Deliverable Name	Date
D02-	Step2-V1 OSD	02/05/12
D03-	Step2-V1 Validation Plan	01/03/12
D04-	Step2-V1 Validation Report	02/04/12
D08-	Step2-V2 Validation Plan	30/11/12

R&D Green - Approved

07.06.01

Project Collaborative NOP

Code	Deliverable Name	Date
D07-	Validation Plan V1 Step 2	03/02/12
D08-	Validation Report V1 Step 2	20/07/12
D09-	OSD V2 Step 2	12/10/12
D10-	INTEROP V2 Step 2	07/12/12
D11-	SPR V2 Step 2	07/12/12

R&D Green - Approved

07.06.02

Project Business/Mission Trajectory Management

Code	Deliverable Name	Date
D02-	Step 1 Validation Plan V3	08/10/12
D07-	Step 2 OSD V1	01/03/12
D10-	Step 2 Validation Plan V1	01/01/12
D11-	Step 2 Validation Plan V2	16/11/12
D17-	Step 2 Validation Report V1	16/04/12
D21-	Step 3 OSD V1	01/10/12

R&D Green - Approved

07.06.03

Project DCB/ASM Scenarios Management

Code	Deliverable Name	Date
D02-	STEP1 OSD (V3)	31/10/12

D03-	STEP1 SPR (V3)	31/10/12
D04-	STEP1 INTEROP - (V3)	31/10/12
D06-	STEP1 Validation and Reporting - (V3)	31/10/12
D07-	STEP1 Network Performance Measurement & Assessment Services	31/10/12
D08-	STEP2 OSED - (V1)	22/12/12
D15-	STEP2 Validation Plan (V1)	30/06/12
D16-	STEP2 Validation and Reporting (V1)	22/11/12

R&D Green - Approved

07.06.04

Project UDPP

Code	Deliverable Name	Date
D05-	UDPP Validation Plan Step 1 V3	01/04/12
D14-	UDPP Validation Plan Step 2 V1	23/06/12
D15-	UDPP Validation Report Step 2 V1	12/09/12

R&D Green - Approved

07.06.05

Project Dynamic DCB

Code	Deliverable Name	Date
D09-	STEP2 VALIDATION REPORT - Initial V1 delivered	01/03/12
D10-	STEP2 VALIDATION PLAN - V2 delivered	31/07/12
D12-	STEP2 SPR - Preliminary V2 delivered	30/04/12
D13-	STEP2 INTEROP - Preliminary V2 delivered	30/04/12
D20-	STEP3 VALIDATION PLAN - V1	10/03/12
D21-	STEP3 OSED - Initial V1	29/02/12
D22-	STEP3 VALIDATION REPORT - Initial V1	30/11/12

Mgt Green - Approved

08.00

Project Global Co-ordination and Management

Code	Deliverable Name	Date
D19-005	WP8 Progress Report	22/01/12
D19-006	WP8 Progress Report	23/07/12
D20-005	WP8 Periodic Coordination Report	23/06/12
D20-006	WP8 Periodic Coordination Report	23/12/12

R&D Green - Approved

08.01.01

Project Operational Requirements & Demands concerning organisation of the ATM information Management within the Scope of the European ATM Enterprise Architecture

Code	Deliverable Name	Date
D10-	ATM Requirements for Governance of Common IM Functions for OC Step 1	01/01/12
D13-	Draft Governance Specifications for Common IM Functions for OC Step 1	01/04/12
D15-	Expert Group Validation report V1	02/07/12
D16-	Governance Specifications for Common IM Functions V2	01/07/12
D40-	IM Concept of Operations version 2	01/04/12

R&D Green - Approved

08.01.03

Project AIRM Deliverable

Code	Deliverable Name	Date
D06-	Validation Report for Second Major Release	26/10/12
D13-001	Intermediate Release for v2	30/03/12
D13-002	Intermediate Release for v2	30/09/12
D19-002	Governance - Annual Report	19/10/12
D20-004	Report 4	01/01/12

D20-005	Report 5	01/05/12
D20-006	Report 6	01/09/12

R&D Green - Approved

08.01.04

Project Aeronautical information (AIS Airport Manning, Airport Network, Terrain and Obstacles)

Code	Deliverable Name	Date
D02-003	Project Management Documentation	01/05/12
D15-001	Version 2.x Intermediate Release Requirements	31/01/12
D15-002	Version 2.x Intermediate Release Requirements	31/07/12
D16-001	Version 2.x Intermediate Release Domain Model	31/01/12
D16-002	Version 2.x Intermediate Release Domain Model	31/07/12
D17-001	Version 2.x Intermediate Release Validation Report	31/01/12
D17-002	Version 2.x Intermediate Release Validation Report	31/07/12
D18-001	Version 2.x Intermediate Release AIRM Contribution	31/01/12
D18-002	Version 2.x Intermediate Release AIRM Contribution	31/07/12
D35-002	AIXM CCB Activity Report	01/07/12
D36-005	EUROCAE WG44 / RTCA SC217 Activity Report	01/05/12
D36-006	EUROCAE WG44 / RTCA SC217 Activity Report	01/12/12
D38-005	ICAO AIS-AIM Study Group Activity Report	01/05/12
D38-006	ICAO AIS-AIM Study Group Activity Report	31/12/12
D39-003	OGC Web Services Testbed Activity Report	01/12/12
D40-003	INSPIRE Thematic WGs Activity Report	01/05/12

R&D Green - Approved

08.01.05

Project Information modelling Flow & Demand & Capacity Domain

Code	Deliverable Name	Date
D02-	F/C/D Physical Models for Quick Wins	01/09/12
D04-	Requirements Analysis for Time-based	01/04/12
D05-	Domain Model for Time-based	01/04/12
D06-	Conceptual Model for Time-based	01/04/12
D07-	Data Dictionary for Time-based	01/04/12
D08-	Platform Independent model for Time-based	01/01/12
D09-	Validation report for FXCM Conceptual/Logical models for Time-based V3	01/04/12
D11-	F/C/D Information Physical Model for Time-based	30/06/12
D12-	Quality Assurance for Time-based Models	01/04/12
D13-	Support fo integration of Time-Based AIRM	01/05/12
D14-001	Requirements Analysis for Trajectory-based	31/07/12
D15-001	Domain Model for Trajectory-based	31/07/12
D16-001	Conceptual Model for Trajectory-based	31/07/12
D17-001	Data Dictionary for Trajectory-based	31/07/12
D18-001	Platform Independent model for Trajectory-based	01/12/12
D22-001	Quality Assurance for Trajectory-based Models	01/12/12

R&D Green - Approved

08.01.06

Project Information Modelling Meteorological Domain

Code	Deliverable Name	Date
D05-	App-ICD(s) for Aeronautical Meteorological Information domain, Major Release v1	06/03/12
D10-	App-ICD(s) for Aeronautical Meteorological Information domain, Intermediate release to v1	06/03/12
D12-	Information Model for Aeronautical Meteorological Information domain, Major Release v2	06/03/12
D14-	Physical Data Model(s) for Aeronautical Meteorological Information, Major Release v2	06/01/12
D15-	App-ICD(s) for Aeronautical Meteorological Information domain, Major Release v2	06/03/12
D17-	Verification and Validation report, Major Release v2	06/01/12

D19-001	Information Model for Aeronautical Meteorological Information domain, v2.1	13/07/12
D19-002	Information Model for Aeronautical Meteorological Information domain, v2.2	20/11/12
D20-001	Logical Data Model for Aeronautical Meteorological Information domain, v2.1	10/07/12
D21-001	Physical Data Model(s) for Aeronautical Meteorological Information, v2.1	10/07/12
D22-001	App-ICD(s) for Aeronautical Meteorological Information domain, v2.1	10/07/12
D23-001	AIRM glossary and MET domain dictionary aspects, v2.1	30/03/12
D23-002	AIRM glossary and MET domain dictionary aspects, v2.2	28/09/12
D24-001	Verification and Validation report, v2.1	10/07/12
D25-001	Intra WBS and Inter MET-ATM regional and global Interoperability Report, v2.1	30/03/12
D25-002	Intra WBS and Inter MET-ATM regional and global Interoperability Report, v2.2	28/09/12
D48-001	Proposed Governance Structure for Domain Model evolution	29/11/12

R&D Green - Approved

08.01.07

Project Information Modelling Surveillance Domain

Code	Deliverable Name	Date
D02-002	Surveillance AIRM contribution Version 1	15/01/12
D02-003	Surveillance AIRM contribution Version 1	15/07/12
D03-001	Surveillance Physical Model Version 1	16/01/12
D03-002	Surveillance Physical Model Version 1	16/07/12
D03-003	Surveillance Physical Model Version 1	30/09/12
D04-001	App-ICD(s) for Surveillance domain Version 1	16/01/12
D04-002	App-ICD(s) for Surveillance domain Version 1	16/07/12
D04-003	App-ICD(s) for Surveillance domain Version 1	30/09/12
D05-	Validation and Verification report Version 1	17/01/12

R&D Green - Approved

08.01.09

Project Information Modelling Flight Data Domain

Code	Deliverable Name	Date
D04-002	Flight AIRM Contribution Version 2	08/01/12

R&D Green - Approved

08.01.10

Project Information Modelling Airport Domain

Code	Deliverable Name	Date
D06-001	I2 - Interface specification	26/01/12
D10-001	I3 - 1st Intermediate Domain Model	31/01/12
D10-002	I3 - 2nd Intermediate Domain Model	31/07/12

R&D Green - Approved

08.03.01

Project Operational ATM Requirements and Demands concerning Supervision of the entire European ATM shareable Network

Code	Deliverable Name	Date
D10-	D3.2 Other Infrastructure Supervision Requirements	02/08/12
D11-	D3.3 A/G SWIM Layer Supervision Requirements	15/08/12
D13-	D3.5 SWIM Services Supervision Requirements	13/11/12

R&D Green - Approved

08.03.02

Project Operational ATM Requirements and Demands concerning ATM Information Catalogue & Registry Services

Code	Deliverable Name	Date
D000-	Project Management - Closeout Report	01/12/12
D04-	D8.3.2.D04 AIRM/ISRM Registry - Operational Requirements and Demands concerning ATM information Catalogue and Registry Services	01/02/12
D05-	D8.3.2.D05 Security Registry - Operational Requirements and Demands concerning ATM information Catalogue and Registry Services V1	01/02/12

D06-	D8.3.2.D06 Validation Report AIRM/ISRM Registry	01/02/12
D07-	D8.3.2.D07 Validation Report Security Registry V1	02/06/12
D08-	D8.3.2.D08 Demonstrator Report	01/02/12
D09-	D8.3.2.D09 SWIM Registry Concept of Operations - final version	01/06/12
D10-	D8.3.2.D10 SWIM Registry - Final Recommendations	01/10/12
D11-	D8.3.2.D11 V3 validation report	01/10/12
D16-	SWIM Registry Conops for safety, supervision, performance	02/02/12
D17-	Security Registry - Operational Requirements and Demands concerning ATM information Catalogue and Registry Services V2	01/10/12
D18-	Validation Report Security Registry V2	01/10/12
D19-	ISRM/AIRM for SESAR programme	01/12/12

R&D Green - Approved

08.03.04

Project Identify and Develop ATC Operators (En Route and TMA) Information Services

Code	Deliverable Name	Date
D03-002	Validated ATC Information Services Models STEP1	12/01/12
D04-003	Report on refined ATC Information Services by 8.10.3 STEP1	14/04/12
D06-002	Modifications proposal for ATC ATM Dictionary STEP1	31/03/12
D07-001	ATC Information Services requirements specification STEP2	01/06/12
D07-002	ATC Information Services requirements specification STEP2	01/12/12
D08-001	ATC Information Services Models STEP2	15/06/12
D08-002	ATC Information Services Models STEP2	15/12/12
D09-001	Validated ATC Information Services Models STEP2	15/07/12
D10-001	Report on refined ATC Information Services by 8.10.3 STEP2	15/10/12
D11-001	Modifications proposal for ATC AIRM STEP2	15/06/12
D11-002	Modifications proposal for ATC AIRM STEP2	15/12/12
D12-001	Modifications proposal for ATC ATM Dictionary STEP2	01/10/12

R&D Green - Approved

08.03.05

Project Identify and Develop European ATM Network and Sub-regional (FAB) Information Services

Code	Deliverable Name	Date
D01-003	1 Demand and Capacity Balance Updates (ISRM v0.4)	01/01/12
D02-003	1 KPI & CM Support Updates (ISRM v0.4)	01/01/12
D03-003	1 DCB/AM Scenario Management Updates (ISRM v0.4)	01/01/12
D04-003	1 Airspace Management Updates (ISRM v0.4)	01/01/12
D05-003	1 B/M Trajectory Management Updates (ISRM v0.4)	01/01/12
D06-001	2 Demand and Capacity Balance Updates	31/07/12
D07-001	2 KPI & CM Support Updates	31/07/12
D08-001	2 DCB/AM Scenario Management Updates	31/07/12
D09-001	2 Airspace Management Updates	31/07/12
D10-001	2 B/M Trajectory Management Updates	31/07/12

R&D Green - Approved

08.03.07

Project Identify and Develop AIRSPACE USERS (incl. AOC) ATM Information Services

Code	Deliverable Name	Date
D07-001	D - Written Requirements (internal) increment 2	31/07/12
D08-001	D - AIRM Feedback Aspects increment 2	31/07/12
D09-001	D - Domain Service Model (internal) increment 2	31/07/12
D10-001	D -Validated Domain Service Model increment 2	31/07/12
D11-001	D - Dictionary Aspects increment 2	31/07/12
D12-001	D - Revised Domain Service Model (internal) increment 2	30/09/12

R&D	Green - Approved	08.03.10
Project	Information Service Modelling deliverables	
Code	Deliverable Name	Date
D07-	ISRM Iteration #4	30/09/12

Mgt	Green - Approved	09.00
Project	Global Co-ordination and Management	
Code	Deliverable Name	Date
	Project 9.0 Progress report	quarterly
	Extranet WP9 Risks/Issues/Opportunities Registry update	quarterly

R&D	Green - Approved	09.01
Project	Airborne Initial 4D Trajectory Management	
Code	Deliverable Name	Date
D05-	Overall Technical Verification & Validation Report - Mainline Aircraft - step 1 (WA2.1)	30/04/12
D06-	Aircraft & System Performance and Functional requirements - step 2 (WA1)	30/04/12
D07-	Interface document between Aircraft and ATC systems - step 2 (WA1)	31/07/12
D08-	Technical Verification & Validation Plan - Mainline Aircraft - step 2 (WA2.1)	20/12/12
D12-	Technical Verification & Validation Scenarios - Regional Aircraft Issue 01 (WA2.2)	19/04/12
D15-003	Yearly synthesis of standardisation contributions (WA1)	19/06/12
D21-	Technical Verification & Validation Report of coupling an aircraft integration simulator with an ANSP facility - Mainline Aircraft - step 1 (WA2.1)	30/03/12
D22-	Delivery form and description of Aircraft behaviour model - Mainline Aircraft - step 2 (WA2.1)	28/09/12
D48-	Preliminary studies Report - Regional Aircraft - Issue 02 (WA2.2)	01/12/12
D49-	Report on advance communication system integration on regional simulator	30/06/12

R&D	Green - Approved	09.03
Project	Interoperability of Business Trajectory and Mission Trajectory	
Code	Deliverable Name	Date
D04-	WA1 - Phase #1 - Technical Note: New Key-4D functions definition Issue #1	06/03/12
D05-	WA1 - Phase #1 - Technical Note: New Key-4D functions definition - #Final	03/09/12
D06-	WA1 - Phase #1 - Technical Note: Aircraft Architecture and HMI Definition - Issue #1	29/10/12
D08-	WA2.1 - Phase #1 - Software Design Description	29/10/12

R&D	Green - Approved	09.05
Project	ASA-ASPA	
Code	Deliverable Name	Date
D02-	Functional requirement definition of ASPA S&M - issue 2	10/01/12
D06-	High Level Architecture and system specification document - issue 2	24/03/12
D07-	Test report - issue 1 (lab part)	07/07/12
D09-	Verification & Validation Plan - issue 2	30/06/12
D13-	TCAS, FG, FMS, ATSU & EIS2 prototype delivery forms - step 2	15/09/12
D14-	Technical feedback on operational evaluation (mainline) - step 1	15/08/12
D15-	Go head for flight tests (mainline)	03/10/12
D17-001	Yearly synthesis of standardisation activities (RFG IM OSED and SPR)	18/12/12
D18-	Aircraft Integration Simulator ready for evaluation form - step 2	14/09/12

R&D	Green - Approved	09.06
Project	ASAS-ASEP	
Code	Deliverable Name	Date
D01-	First elements of functional definition document	10/03/12
D02-	Functional requirement definition - issue 0.1	05/11/12

D05-	First elements of high level architecture document (mainline A_C)	11/11/12
D09-	Preliminary functional architecture for business aircraft document	15/06/12
D17-	V1 Mock-up delivery form for 4.7.4b step 1 RTS	24/05/12
D18-	V1 - Functional test report for oceanic applications	18/12/12
D19-	V1 Mock-up delivery form for 4.7.6	15/02/12
D20-	V1 - Functional test report for continental applications	16/10/12
D21-	Report on analysis of ASEP applications for business aircraft	29/06/12
D39-	Performance model for 4.7.4b SPR issue 0.2 delivery form	03/08/12

R&D Green - Approved

09.09

Project RNP Transition to xLS (x = G I M)

Code	Deliverable Name	Date
D02-	High Level Functional Requirements - Technical	03/03/12
D03-	High Level Functional Requirements - Safety	28/04/12
D04-	High Level Functional Requirements - Regulation	26/05/12
D05-	High Level Functional Requirements - Architecture	27/01/12
D06-	Technical Specification for Airborne Avionics system definition - Airborne	15/09/12
D07-	Technical Specification for Selected Aircraft definition - Configuration	02/07/12
D08-	Technical Specification for FMS Functional Requirements	15/03/12

R&D Green - Approved

09.10

Project Approach with Vertical Guidance APV

Code	Deliverable Name	Date
D03-	High Level APV Functional Requirements - V2	16/06/12
D06-	High Level Aircraft architecture definition - V0	28/07/12
D07-	High Level Aircraft architecture definition - V1	28/07/12
D08-	Selected Aircraft configuration - V0	29/09/12
D18-	Yearly APV-SBAS Standardisation report - V2	10/12/12

R&D Green - Approved

09.11

Project Aircraft Systems for Wake Encounter Alleviation

Code	Deliverable Name	Date
D03-	WEPS-P Preliminary Concept of Operations	01/08/12
D04-	WEPS-P Preliminary Operational Procedures	31/08/12
D05-	WEPS-P Preliminary Operational Requirements	31/12/12
D07-	Platform B Technical Architecture	01/10/12
D09-	WEPS-P Conflict Detection	01/01/12
D10-	WEPS-P Conflict Detection - Extension to IGE Wake Prediction Model	31/08/12
D12-	WEPS-P Severity Estimation - Preliminary Implementation	31/12/12
D13-	Wake Prediction Model concept for IGE/OGF	01/02/12
D14-	Wake Prediction Model for Wake Alerting & Avoidance In and Out of Ground Effect	01/09/12
D15-	WEPS Traffic Data Consolidation	01/01/12
D16-	WEPS Traffic Prediction	01/12/12
D17-	Air-to-Air Datalink enabled Weather Data Fusion	01/07/12
D18-	Air-to-Air Datalink enabled Weather Data Fusion close to ground	31/08/12
D23-	WEPS-P Alerting Logic	31/12/12
D35-002	Yearly synthesis of standardisation contributions	31/12/12

R&D Green - Approved

09.12

Project GBAS Cat II/III

Code	Deliverable Name	Date
D024-	WA4.1 - Technical Validation Plan for Mainline A/C - Avionics prototype for initial GBAS cat II/III delivery form	03/12/12

D04-	WA1 - Technical note airborne impact analysis - High level of definition of extension of multi-GNSS GBAS cat II/III	01/04/12
D09-	WA2.1 - Technical Validation Plan for Mainline A/C - Prototype development	01/03/12
D10-	WA2 - Technical Validation Plan for Mainline & business A/C - GBAS cat II/III approach design criteria needs	01/03/12
D13-	WA2 - Technical Validation Report for mainline & business - Static tests data from different locations	01/03/12
D18-	WA2.2 - Technical Validation Report for Business A/C - Autoland simulations and failure mode simulations for Business A/C	30/11/12
D19-	WA3 - Technical Note - Certification Issues - New aircraft airworthiness requirements	01/03/12
D20-	WA3 - Technical Note - Certification Issues - A/C certification impacts of the differences to ILS look and GBAS alike concept Con Ops notably on ATM aspects	01/03/12
D22-	WA3.1 - Technical Note - Availability and Local Environment Aspects - Availability and local environment aspects for initial GBAS cat II/III for mainline A/C	01/03/12
D23-	WA3.2 - Technical Note - Availability and Local Environment Aspects - Availability and local environment aspects for initial GBAS cat II/III for business A/C	01/03/12
D29-	WA5 - Technical Note - Airborne Impact Analysis - Preparation phase of WA5	06/02/12
D30-	WA5 - Technical Note - Airborne Impact Analysis - Definition phase of WA5	08/06/12
D31-003	Yearly synthesis of standardization activities	01/12/12

R&D Green - Approved

09.13

Project Airport Surface Taxi Clearances

Code	Deliverable Name	Date
D03-	WA1 High level Functional Requirement Definition (FRD) for D-Taxi - Advanced Package	29/10/12
D08-	WA2.2 Technical Validation Plan (TVP) for D-Taxi - Advanced Package validation	30/04/12
D13-	WA2.1 High level Architecture Definition Assumptions (ADA) for D-Taxi - Advanced Package	30/07/12
D26-	WA2.3 TVP Deliverable Taxiway Clearances (initial package - draft)	18/10/12
D28-	WA2.3 Regional Mock-up delivery form (Initial Package)	28/06/12
D29-	WA2.3 Regional Research Simulator delivery form (initial package)	25/12/12
D31-	WA2.3 High Level Architecture Definition Assumptions (ADA) (advanced package)	05/06/12
D32-	WA2.3 Taxi and Runway clearances Requirements specification	07/11/12
D38-	WA2.3 High Level Architecture Definition Assumptions (ADA) (advanced package) - issue 2	02/10/12
D43-	WA2.2 Mock-up of D-Taxi - Advanced Package delivery form	30/04/12
D44-	WA2.2 Status report on mock-up trials (D-Taxi - Advanced Package)	07/08/12

R&D Green - Approved

09.14

Project Airport Surface Alerts (ownership and traffic)

Code	Deliverable Name	Date
D03-	WA1 High Level Functional Requirements Definition (FRD) - issue 3 - with identification of initial and advanced steps of alerts	05/12/12
D06-	WA2.1 High Level Architecture Definition Assumptions (ADA) - issue 3	05/12/12
D15-	WA2.3 Technical Validation Plan- (TVP) - issue1	04/05/12
D19-	WA2.1 Status report on mock-up trials (initial step of alerts)	26/07/12
D29-	WA2.2 Delivery form of the 1st version of mock-up for ownership and traffic alerts	04/02/12
D33-	WA2.3 Delivery form for the Regional Prototype Specification	06/11/12

R&D Green - Approved

09.16

Project New Communication Technology at Airport

Code	Deliverable Name	Date
D03-	Aero Wimax Airborne System Requirements and Architecture Dossier	07/01/12
D04-	Airborne Aeromax Prototype Specification	07/01/12
D05-	SELEX Airborne Aeromax Prototype delivery note	30/11/12
D06-	Airborne Aero Wimax test strategy, objectives, and test beds architecture	07/01/12

R&D Green - Approved

09.19

Project SWIM Air-Ground Capability

Code	Deliverable Name	Date
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D01-003	D9.19 - 00 WA1 White Paper contributions to SWIM OSEDs SPRs and Interoperability specification	31/12/12
D08-	D 9.19 - 04: WA2.2 û SWIM A-G Mainline Aircraft Concept and Airborne System Architecture - version 1	08/05/12
D10-	D 9.19 - 05: WA2.3 û SWIM A-G Regional Aircraft Concept and Airborne System Architecture - version 1	30/10/12
D16-	D 9.19 - 08: WA4.1 û SWIM A-G Technical Verification Plan - version 1	19/03/12

R&D Green - Approved

09.20

Project Military Data Link Accommodation

Code	Deliverable Name	Date
D06-	WA1.4 - Target a/c and configuration document	18/04/12
D07-	WA2.1 - Aircraft system interface document	01/08/12
D08-	WA2.2 - Installation report	05/12/12

R&D Green - Approved

09.21

Project ADS-B - 1090 Higher Performance Study

Code	Deliverable Name	Date
D05-	Airborne ADS-B model	15/05/12
D06-	Impact of the proposed solution on the aircraft	14/05/12
D07-	Simulation of the airborne model	31/12/12

R&D Green - Approved

09.24

Project ADS-B In/Out for military aircraft

Code	Deliverable Name	Date
D09-	WA2.3 - Lab Ground tests report	30/04/12
D10-	WA3.1 - Validation plan report	28/06/12

R&D Green - Approved

09.27

Project Multi-constellation GNSS Airborne navigation Systems

Code	Deliverable Name	Date
D05-	D2.1-1 Report on Integrity techniques v1.0	10/02/12
D08-	D3.1-1 Preliminary test report of MCR prototype for business / general aviation v1.0	09/11/12
D09-	D3.2-1 Preliminary test report of MCR prototype for mainline / regional aviation v1.0	09/11/12
D10-	D3.3-1 Preliminary test report of the Receiver Simulation Platform v1.0	09/11/12

R&D Green - Approved

09.29

Project Enhanced & Synthetic Vision

Code	Deliverable Name	Date
D01-	External requirements	31/10/12
D02-	Design requirements	31/10/12
D05-	Initial system definition Business aircraft	01/03/12
D06-	Initial system definition Regional aircraft	31/03/12

R&D Green - Approved

09.30

Project Weather Hazards / Wake Vortex Sensor

Code	Deliverable Name	Date
D01-	WEPS-P Preliminary Concept of Operations	01/08/12
D02-	WEPS-P Preliminary Operational Procedures	31/08/12
D03-	WEPS-P Preliminary Operational Requirements	31/12/12
D04-	Wake vortex models for sensor evaluation in flight dynamics simulations	01/01/12
D05-	Parametric sensor simulation model for flight dynamics simulations	01/02/12
D06-	Wake vortex encounter simulation for development of sensor-enabled wake alleviation	01/02/12
D07-	Flight control wake encounter alleviation strategy enabled by LiDAR sensor measurement	01/04/12
D08-	Wake characterization using forward-looking sensor information	01/04/12

D09-	Parametric study of wake alleviation efficiency	01/06/12
D10-	Improved wake characterization by model-sensor fusion	31/08/12
D11-	LiDAR sensor requirements and technology selections for wake alleviation by flight control	01/10/12
D13-	Traffic Generator for Fast-Time Simulation	01/01/12
D14-	Generic Traffic Scenarios for Fast-Time Simulation	31/08/12
D15-	Generic Weather Scenarios for Fast-Time Simulation	31/08/12
D16-	Platform A Technical Architecture	01/12/12
D17-	WEPS-C Preliminary Validation Report	31/08/12

R&D Green - Approved

09.31

Project Aeronautical databases

Code	Deliverable Name	Date
D19-	WA2 - Database standards and associated tools - Navigation and Airport Databases (second batch)	20/12/12
D20-	WA2 - Database standards and associated tools - AIS and Data Chain (second batch)	20/12/12
D23-	WA2 - Report on database prototype scenarios definition - Navigation and Airport Databases (second batch)	29/06/12
D24-	WA2 - Report on database prototype scenarios definition - AIS (second batch)	29/06/12
D31-	Delivery Notification Form: Navigation database prototype for integration and verification activities in projec	20/12/12
D32-	Delivery Notification Form: Airport database prototype for integration and verification activities in project STEP2	20/12/12
D33-	Delivery Notification Form: AIS database prototype for integration and verification activities in project STEP2	20/12/12
D35-	Platform Readiness Note: Integration platform for verification activities in project STEP2	21/12/12
D41-	WA2 - Database standards and associated tools (second batch)	20/12/12
D42-	WA2 - Report on database prototype technical validation (first batch)	02/07/12
D44-	WA1 - Database definitions and requirements at airborne level - Navigation Database (updated issue Y12)	21/12/12
D46-	WA1 - Database definitions and requirements at airborne level - Airport Database (updated issue Y12)	21/12/12
D48-	WA1 - Database definitions and requirements at airborne level - Terrain & Obstacle Database (updated issue Y12)	21/12/12
D50-	WA1 - Database definitions and requirements at airborne level - AIS Database (updated issue Y12)	21/12/12

R&D Green - Approved

09.33

Project ATS Datalink Operational Improvements

Code	Deliverable Name	Date
D07-	WA2.2 - Standard 1 - Technical Validation Report	16/01/12
D08-	WA1 - Standard 2 - Aircraft Functional Definition Assumptions Document	18/06/12
D09-	WA2.1 - Standard 2 - Technical Note on Avionics System Definition	14/12/12
D16-	Yearly synthesis of standardisation contributions	01/03/12

R&D Green - Approved

09.39

Project Continuous Climbing Cruise

Code	Deliverable Name	Date
D06-	D9.39 Avionic requirements - Advisory CCC solution	29/02/12
D17-	D9.39 HF Analysis - Advisory CCC solution - HMI Design review	02/10/12

R&D Green - Approved

09.44

Project Flexible Communication Avionics

Code	Deliverable Name	Date
D01-	High Level Requirements for the radio Communication Systems on future mainline and regional A/Cs	24/02/12
D05-	Report on candidate Project 9.44 Phase 2 developments	24/02/12
D06-	Project 9.44 Phase 2 Work and Costs proposal	24/02/12

R&D Green - Approved

09.49

Project Global Interoperability - Airborne Architecture and Avionics Interoperability Roadmap

Code	Deliverable Name	Date
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D05-	Aircraft capabilities evolution report template	07/01/12
D06-	Step 1 - Aircraft capabilities evolution report	15/04/12
D09-	Interoperability risk assessment Methodology	31/01/12
D10-	Step 1 - Interoperability risk report	30/06/12
D13-	Avionics interoperability roadmap definition Methodology	15/06/12
D14-	Step 1 - Avionics interoperability roadmap	31/08/12
D17-	Step 1 - Complementary trials	31/08/12

R&D Green - Approved

10.01.07

Project ATC System Specification

Code	Deliverable Name	Date
D02-002	ATC System Specification Cycle 1 - S1 Release 1	01/01/12
D03-001	ATC System Specification Cycle 2 -S1 Release 2	29/06/12
D03-002	ATC System Specification Cycle 2 - S1 Release 2	28/12/12
D100-	ATC System Architecture - Cycle 1	01/01/12
D101-	ATC System Architecture - Cycle 2	28/12/12
D12-	ATC System Architecture - Cycle 1	01/01/12
D13-	ATC System Architecture - Cycle 2	28/12/12
D22-002	Allocated Requirements Cycle 1	01/01/12
D23-001	Allocated Requirements Cycle 2	29/06/12
D23-002	Allocated Requirements Cycle 2	28/12/12
D44-001	Architecture Review Report - Cycle 1	14/01/12
D44-002	Architecture Review Report - Cycle 1	12/07/12
D54-002	Requirements Review and Feedback - Cycle 1	01/01/12
D55-001	Requirements Review and Feedback - Cycle 2	15/06/12
D55-002	Requirements Review and Feedback - Cycle 2	12/12/12
D64-	WP10 Step 1 Verification Strategy & Needs - Cycle 1	01/01/12
D65-	WP10 Step 1 Verification Strategy and Needs - Cycle 2	28/12/12
D74-	WP10 Consolidated Verification Report - Cycle 1	01/01/12
D75-	WP10 Consolidated Verification Report - Cycle 2	28/12/12
D84-	WP10 Consolidated Verification Platform Needs - Cycle 1	01/01/12
D85-	WP10 Consolidated Verification Platform Needs - Cycle 2	28/12/12
D94-	Verification Platform Constraints - Cycle 1	01/01/12
D95-	Verification Platform Constraints - Cycle 2	28/12/12

R&D Green - Approved

10.01.09

Project ATC System Supervision

Code	Deliverable Name	Date
D01-005	Management Closeout Report	15/02/12
D01-006	Management Closeout Report	15/05/12
D01-007	Management Closeout Report	15/08/12
D01-008	Management Closeout Report	15/11/12
D04-	User Requirements Development Report V2S2	09/06/12
D05-	System Requirements V2S2	21/01/12
D06-	System Requirements V3S2	31/08/12
D08-	Architecture Design Report V2S2	03/01/12
D09-	Architecture Design Report V3S2	31/08/12
D10-	SELEX prototype development delivery sheet V2S2	31/08/12
D12-	THALES prototype development delivery sheet V2S2	31/08/12
D14-	Selex verification plan V2S2	07/06/12
D16-	THALES verification plan V2S2	07/06/12
D18-	User Requirements Development Report V3S2	21/12/12

D19-	Selex verification report V2S2	26/10/12
D21-	THALES verification report V2S2	26/10/12

R&D Green - Approved

10.02.01

Project ATC Trajectory Management Design

Code	Deliverable Name	Date
D11-001	Prototype Comparison Report (Prototype 1 & 2) step1 for release 2	31/08/12
D12-001	High Level Trajectory Management Design step2	28/09/12
D13-001	Trajectory Management Roadmap step2	28/09/12
D74-	ATC TM System Requirements step1	27/01/12
D75-	Prototype 1 for release 2	30/03/12
D78-	Technical Verification Report (Prototype 1) step1 for release 2	29/06/12
D79-	Step1 Validation Support with Prototype 1 for release 1	30/03/12
D80-	Step1 Validation Support with Prototype 1 for release 2	28/12/12
D81-	Step1 Validation Support with Prototype 2 for release 2	29/06/12

R&D Green - Approved

10.02.02

Project Trajectory Management Exchange Formats Definition

Code	Deliverable Name	Date
D08-	Draft technical standards to support ongoing standardisation bodies in step1	30/10/12
D09-	Assessment of needs and feasibility study for step 2	29/06/12
D10-	Consolidated Specification of SESAR Trajectory Management Exchange Formats and TM process modelling and design for step 2	29/06/12
D12-	Safety and security report for step 2	28/09/12
D72-	THALES Encoder-Decoders for TM for release 2	30/03/12
D73-	THALES Testing platform and tools specification for release 2	30/03/12
D75-	THALES Test reports for release 2	29/06/12

R&D Red - Suspended

10.02.03

Project ATC system support to RBT/MT Revision

Code	Deliverable Name	Date
D06-	Common Tests cases and scenarii - phase 1	30/03/12
D07-	Common tests results and verification report - phase 1	26/10/12
D08-	Prototype Thales - phase 1	30/03/12
D10-	Thales Specific platform tools and requirements - Phase 1	27/07/12
D11-	Prototype Selex - phase 1	30/03/12
D13-	Selex Specific platform tools and requirements - Phase 1	27/07/12
D41-	Project Management Plan - Update for phase 2	14/09/12
D43-	Thales Report on support to operational project - Phase 1	23/10/12
D44-	Selex Report on support to operational project - Phase 1	23/10/12

R&D Green - Approved

10.02.05

Project Flight Object IOP System Requirement & Validation

Code	Deliverable Name	Date
D06-	IOP COFLIGHT Prototype - Phase 1	22/01/12
D08-	Integrated IOP iTEC Platform - Phase 1	24/02/12
D09-	Integrated IOP COFLIGHT Platform - Phase 1	24/02/12
D10-	Integrated IOP MUAC Platform - Phase 1	24/02/12
D11-	IOP Validation Platform - Phase 1	25/05/12
D14-	Verification Tests Reports - Phase 1	22/06/12
D15-	IOP ATC System Requirements Baseline - Phase 2	31/08/12
D23-	Verification Plan - Phase 2	26/03/12

D24-	Test Cases Specification - Phase 2	10/09/12
D28-	Report of the Operational Validation Support for Phase 1	10/10/12

R&D Green - Approved

10.03.01

Project Handling free routing, new approach & departure procedures and mixed separation modes

Code	Deliverable Name	Date
D02-	System Requirements - Phase 1	26/10/12
D03-	Technical and Architecture Assessment Report - Phase 1	28/09/12
D22-	Feasibility Study - Phase 1	06/07/12

R&D Green - Approved

10.03.02

Project ATC Support to ASAS sequencing and merging operations

Code	Deliverable Name	Date
D07-	Thales Prototype Development-readiness sheet Phase 1	01/02/12
D08-	Selex Prototype Development-readiness sheet Phase 1	01/02/12
D09-	Thales Verification Plan Phase 1	01/02/12
D10-	Selex Verification Plan Phase 1	01/02/12
D15-	Thales Support to validation report Phase 1	29/02/12
D16-	Selex Support to validation report Phase 1	29/02/12
D17-	System Requirements delivery Phase 2	31/05/12
D18-	Safety Report Phase 2	28/09/12
D19-	Architecture Assessment Report Phase 2	29/06/12
D20-	Technology Report Phase 2	04/05/12
D21-	Thales Prototype Development-readiness sheet Phase 2	01/10/12
D22-	Selex Prototype Development-readiness sheet Phase 2	01/10/12
D23-	Thales Verification Plan Phase 2	01/10/12
D24-	Selex Verification Plan Phase 2	01/10/12
D25-	Test cases Phase 2	01/10/12
D26-	Thales Test Verification Report Phase 2	29/11/12
D27-	Selex Test Verification Report Phase 2	29/11/12
D28-	Prototype pre-operational assessment report Phase 2	30/11/12

R&D Green - Approved

10.03.08

Project ATC System support to Precision Trajectory Clearances

Code	Deliverable Name	Date
D02-	System Requirements - Phase1	27/07/12
D03-	Safety Folder - phase1	26/09/12
D04-	Prototype Thales - phase1	25/11/12
D05-	Prototype Indra - phase1	25/11/12
D06-	Prototype Thales : Platform and tools requirements - phase1	30/10/12
D07-	Prototype Indra : Platform and tools requirements - phase1	30/10/12
D08-	Tests cases and scenarii - phase 1	14/10/12
D24-	Thales Prototype verification plan - Phase 1	26/08/12
D25-	Indra Prototype verification plan - Phase 1	26/08/12

R&D Green - Approved

10.04.01

Project Enhanced Tools for Conflict Detection and Resolution

Code	Deliverable Name	Date
D14-	Indra Verification Report - Step 1	23/01/12
D15-	Selex Verification Report - Step 1	23/01/12
D16-	Consolidated Verification Results Report - Step 1	19/03/12
D19-	TP and CDR Consolidated System Requirements - Step 2	19/11/12

D20-	Feasibility Study Report - Step 2	28/05/12
D37-	Performance Assessment Framework - Step 3	31/12/12

R&D Green - Approved

10.04.02

Project Precision Conformance Monitoring

Code	Deliverable Name	Date
D07-	Conformance Monitoring System Requirements Phase 2	14/12/12
D10-	Conformance Monitoring Interface Report Phase 2	14/04/12
D13-	Architecture report Phase 2	14/04/12
D21-	Thales Verification Plan Phase 1	18/02/12
D24-	Thales verification report Phase 1	18/02/12
D31-	Indra prototype delivery sheet Phase 1	27/02/12
D35-	Indra verification report for Phase 1	01/03/12

R&D Green - Approved

10.04.03

Project Safety Nets adaptation to new modes of operation

Code	Deliverable Name	Date
D08-	Final Definition Report for Phase 1 (Enhance STCA)	30/04/12
D09-	Final Operational - System requirements Synthesis Report for Phase 1 (Enhance STCA)	30/04/12
D10-	Performance Assessment Framework for Phase 1 (enhance STCA)	01/04/12
D11-	Preliminary Definition Report for Phase 2 (Enhance Safety Nets)	31/01/12
D12-	Preliminary Operational - System requirements Synthesis Report for Phase 2 (Enhance Safety Nets)	31/01/12
D13-	Test Plan and Description for Phase 2 (Enhance Safety Nets)	31/08/12

R&D Green - Approved

10.04.04

Project Time Based Separation

Code	Deliverable Name	Date
D05-	Thales prototype development delivery sheet	01/05/12
D06-	Selex prototype development delivery sheet	01/05/12
D07-	Thales verification plan	01/05/12
D08-	Selex verification plan	01/05/12
D09-	Test cases	01/03/12
D10-	Thales test verification report	28/02/12
D11-	Selex test verification report	28/02/12
D12-	Thales support to validation report	02/05/12
D13-	Selex support to validation report	02/05/12

R&D Green - Approved

10.05.01

Project System impact of the use of flexible, new types of, & restricted airspace

Code	Deliverable Name	Date
D07-	Prototype Delivery	30/09/12
D08-	Test Cases	04/01/12
D09-	Verification Plan	14/02/12
D10-	Test Report	30/09/12

R&D Green - Approved

10.07.01

Project Enhanced Datalink Features for all phase of flight

Code	Deliverable Name	Date
D06-	D10.7.1-5 - AGDL Initial Security Assessment - Phase 1	17/01/12
D10-	D10.7.1-7 - Standardisation Study - Phase 1	20/09/12
D11-	D10.7.1-8 - Delivery Sheet for Prototype 1 - Phase 1	16/02/12
D12-	D10.7.1-8 - Delivery Sheet for Prototype 2 - Phase 1	16/02/12

D15-	D10.7.1-10 - Delivery Sheet for Testing Platform - Tools for Prototype 1 - Phase 1	16/02/12
D16-	D10.7.1-10 - Delivery Sheet for Testing Platform - Tools for Prototype 2 - Phase 1	14/12/12
D17-	D10.7.1-11 - Test Report for Prototype 1 - Phase 1	30/06/12
D18-	D10.7.1-11 - Test Report for Prototype 2 - Phase 1	30/06/12
D19-	D10.7.1-11 - Consolidated Test Results - Phase 1	10/08/12
D20-	D10.7.1-1 - AGDL System Requirements - Phase 2	05/11/12
D21-	D10.7.1-2 - AGDL System Architecture Design - Phase 2	05/11/12
D22-	D10.7.1-3 - AGDL Data Requirements - Phase 2	05/11/12
D23-	D10.7.1-4 - AGDL Initial Safety Assessment - Phase 2	05/11/12
D24-	D10.7.1-5 - AGDL Initial Security Assessment - Phase 2	05/11/12
D38-	D10.7.1-12 - Validation Support Activity Report for Prototype 1 - Phase 1	30/06/12
D40-	D10.7.1-12 - Validation Support Activity Report for Prototype 2 - Phase 1	02/08/12
D47-	D10.7.1-9 - Testing Platform - Tools Requirements for MUAC ATC System - Phase 2	10/09/12
D48-	D10.7.1-10 - Delivery Sheet for Testing Platform - Tools for MUAC ATC System - Phase 1	31/12/12
D49-	D10.7.1-10 - Delivery Sheet for Testing Platform - Tools for MUAC ATC System - Phase 2	24/09/12
D54-	D10.7.1-13 - Initial ATN IPS Technical Feasibility Report	17/01/12

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10.08.01

Project Complexity Assessment and Resolution

Code	Deliverable Name	Date
D09-	Step 1 prototype 2 verification report	02/02/12
D10-	Phase 1 consolidation of verification results	01/02/12
D11-	Step 2 preliminary system requirements	17/08/12
D12-	Step 2 preliminary architecture and technical assessment.	16/08/12
D13-	Step 2 preliminary verification test cases	16/08/12
D14-	Step 2 preliminary verification plan for prototype 1	08/10/12

R&D Green - Approved

10.09.01

Project Integration of Queue Management

Code	Deliverable Name	Date
D04-	D10.9.1 - Phase 1 - INDRA Support to OPS validation report - V3 - Step 1	08/08/12
D12-	D10.9.1 - Phase 2 - INDRA Prototype - V2 - Step 2	31/12/12
D14-	D10.9.1 - Phase 2 - THALES Prototype - V3 - Step 2	31/12/12
D16-	D10.9.1 - Phase 2 - INDRA Test plan - V2 - Step 2	26/10/12
D17-	D10.9.1 - Phase 2 - THALES Test plan - V3 - Step 2	26/10/12
D18-	D10.9.1 - Phase 2 - Test cases - V2 - Step 2	28/09/12

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10.09.02

Project Multiple airport arrival/departure management

Code	Deliverable Name	Date
D06-	10.9.2-D06-Thales phase A verification plan	01/02/12
D08-	10.9.2-D08-Thales phase A prototype availability notice	01/04/12
D09-	10.9.2-D09-Natmig phase A prototype availability notice	01/04/12
D11-	10.9.2-D11-Thales phase A verification report	01/04/12
D12-	10.9.2-D12-Consolidated verification report - PhaseA	31/03/12
D13-	10.9.2-D13-Indra phaseA Validation Support Report	11/05/12
D14-	10.9.2-D14-Thales phaseA Validation Support Report	11/05/12
D15-	10.9.2-D15-Natmig phaseA Validation Support Report	11/05/12
D16-001	10.9.2-D16-System requirement - Phase B -1	08/11/12
D16-002	10.9.2-D16-System requirement - Phase B -2	31/08/12
D17-001	10.9.2-D17-architecture definition report - phase B -1	08/11/12
D17-002	10.9.2-D17-architecture definition report - phase B -2	31/08/12

D18-	10.9.2-D17-Verification test cases definition Phase B	28/09/12
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R&D Green - Approved 10.09.04

Project CDA and CCD in high density traffic

Code	Deliverable Name	Date
D031-	Indra - Technical requirements prototype update to close out V3 (phase 1) - DEL	26/04/12
D17-	Integration and verification test report phase 1 - DEL	13/01/12
D29-	Indra - Support to the concepts operational validation (phase 1) - DEL	15/03/12
D45-	Thales - Technical requirements prototype update to close out V3 (phase 1) - DEL	26/04/12

R&D Green - Approved 10.10.02

Project iCWP Human Factors Design

Code	Deliverable Name	Date
D04-	Human Factors Design Document for TMA/ACC - STEP2	06/07/12
D05-	Human Factors Design Document for TMA/ACC - STEP3	13/07/12
D06-	User Interface Design Document for TMA/ACC - STEP2	15/06/12
D07-	User Interface Design Document for TMA/ACC - STEP3	02/11/12
D08-	TMA/ACC specific Style Guide - STEP2	10/08/12
D09-	TMA/ACC specific Style Guide - STEP3	15/06/12
D13-001	Validation Reports - STEP3	07/12/12

R&D Green - Approved 10.10.03

Project iCWP Prototyping

Code	Deliverable Name	Date
D09-	Verification reports synthesis - Step 1	20/01/12
D10-	Validation support report- INDRA prototype - Step1	30/03/12
D11-	Validation support report- SELEX prototype - Step1	29/02/12
D12-	Validation support report-THALES prototype - Step1	29/02/12
D13-	Input Requirements Assessment report - Step 2	23/11/12

Mgt Green - Approved 12.00

Project Global Co-ordination and Management

Code	Deliverable Name	Date
D01-	CIA	30/06/12

Mgt Green - Approved 12.01

Project Overall Airport Systems Specification

Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.01.07

Project Airport Systems Specification drafting and maintenance

Code	Deliverable Name	Date
D05-	Step1 Consolidated Verification results	19/10/12

R&D Green - Approved 12.01.09

Project ATC Systems Supervision

Code	Deliverable Name	Date
D01-005	Management Closeout Report	15/02/12
D01-006	Management Closeout Report	15/05/12
D01-007	Management Closeout Report	15/08/12
D01-008	Management Closeout Report	15/11/12

D04-	User Requirements Development Report V2S2	09/06/12
D05-	System Requirements V2S2	21/01/12
D06-	System Requirements V3S2	31/08/12
D08-	Architecture Design Report V2S2	03/01/12
D09-	Architecture Design Report V3S2	31/08/12
D10-	SELEX prototype development delivery sheet V2S2	31/08/12
D12-	DFS prototype development delivery sheet V2S2	31/08/12
D14-	Selex verification plan V2S2	07/06/12
D16-	DFS verification plan V2S2	07/06/12
D18-	User Requirements Development Report V3S2	21/12/12
D19-	Selex verification report V2S2	26/10/12
D21-	DFS verification report V2S2	26/10/12

Mgt Green - Approved 12.02

Project	Runway Management	
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.02.01

Project	Runway Management Tools	
Code	Deliverable Name	Date
D02-	Baseline Specification	14/04/12
D03-	Baseline Architecture	14/04/12
D07-	P2_Preliminary Technical Assessment	15/04/12
D08-	P2_Indra research prototype	30/10/12
D09-	P2_Selex research prototype	30/10/12

R&D Green - Approved 12.02.02

Project	Runway Wake Vortex Detection, Prediction and decision support tools	
Code	Deliverable Name	Date
D05-	Prototype Definition Report V1 (Time Based Separation)	01/03/12
D06-	Testing Platform and Tools Requirements V1 (Time Based Separation)	01/02/12
D07-	Prototype Integration Report V1 (Time Based Separation)	01/08/12
D08-	Test Cases and Scenarios Definition Report V1 (Time Based Separation)	30/06/12
D09-	Tests Reports V1 (Time Based Separation)	31/10/12

Mgt Green - Approved 12.03

Project	Surface Management	
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.03.01

Project	Improved Surveillance for surface management	
Code	Deliverable Name	Date
D13-	Phase1 -Support to Operational Validation (Thales)	23/05/12
D14-	Phase1 -Support to Operational Validation (INDRA)	23/05/12
D15-	Phase1 -Support to Operational Validation (DFS)	23/05/12
D18-	Phase2 - System specification	01/06/12
D19-	Phase2 -Architecture Design	01/06/12
D20-	Phase2 -Technological study Report	01/06/12
D33-	Phase2 -Common Verification strategy	28/09/12

R&D Green - Approved

12.03.02

Project		Enhanced Surface Safety Nets
Code	Deliverable Name	Date
D04-	Phase1 -Prototype Documentation (Thales)	01/03/12
D05-	Phase1 -Prototype Documentation (SELEX)	31/03/12
D06-	Phase1 -Prototype Documentation (NATMIG)	01/03/12
D07-	Phase1 -Prototype Documentation (DFS)	31/03/12
D08-	Phase1 -Specific Test Reports (Thales)	01/03/12
D09-	Phase1 -Specific Test Reports (SELEX)	31/03/12
D10-	Phase1 -Specific Test Reports (NATMIG)	01/03/12
D11-	Phase1 -Specific Test Reports (DFS)	31/03/12
D12-	Phase1 -Support to Operational Validation (Thales)	31/05/12
D13-	Phase1 -Support to Operational Validation (SELEX)	02/04/12
D14-	Phase1 -Support to Operational Validation (NATMIG)	31/05/12
D15-	Phase1 -Support to Operational Validation (DFS)	21/12/12
D17-	Phase1 -Consolidated verification report	27/01/12
D18-	Phase2 - System specification	29/09/12
D19-	Phase2 -Architecture Assessment	29/09/12
D20-	Phase2 -Technical study Report	29/09/12
D21-	Phase2 -Prototype Documentation (Thales)	30/11/12
D22-	Phase2 -Prototype Documentation (SELEX)	30/11/12
D23-	Phase2 -Prototype Documentation (NATMIG)	30/11/12
D24-	Phase2 -Prototype Documentation (DFS)	30/11/12
D25-	Phase2 -Specific Test Reports (Thales)	30/11/12
D26-	Phase2 -Specific Test Reports (SELEX)	30/11/12
D27-	Phase2 -Specific Test Reports (NATMIG)	30/11/12
D28-	Phase2 -Specific Test Reports (DFS)	30/11/12
D33-	Phase2 -Common Verification startegy	29/06/12

R&D Green - Approved

12.03.03

Project		Enhanced Surface Routing
Code	Deliverable Name	Date
D04-	Phase 1- Prototype	01/03/12
D06-	Phase 1- Integration Instructions	31/03/12
D07-	Phase 1- Test Report	31/03/12
D08-	Phase 2- System Requirements Specifications	28/04/12
D09-	Phase 2- Architecture specifications	28/04/12
D10-	Phase 2- Prototype	15/12/12
D11-	Phase 2- Test definition	02/05/12
D12-	Phase 2- Integration Instructions	02/12/12
D13-	Phase 2- Test Report	02/09/12
D14-	Phase 3- System Requirements Specifications	02/11/12
D15-	Phase 3- Architecture specifications	02/11/12

R&D Green - Approved

12.03.04

Project		Enhanced Surface Guidance
Code	Deliverable Name	Date
D06-	D12.3.4-05s1v3 Surface guidance prototypes	01/03/12
D07-	D12.3.4-06s1v3 Surface guidance prototypes	01/03/12
D10-	D12.3.4-09s1v3 Test reports	23/03/12
D11-	D12.3.4-10s1v3 Support to Validation	23/04/12
D12-	D12.3.4-01s2v2 Surface guidance requirements	19/10/12

R&D Green - Approved 12.03.05

Project		Enhanced Sequencing Tools
Code	Deliverable Name	Date
D03-	D12.3.5.D03 - Phase 1 - Prototype	01/03/12
D06-	D12.3.5 .D06- Phase 1 - Test Execution Report	31/03/12
D07-	D12.3.5.D07 - Phase 1 - Final Step 1Clean Up Report	01/11/12
D08-	D12.3.5.D08 - Phase 2 - Preliminary System Requirements Specification	31/08/12
D09-	D12.3.5.D09 - Phase 2 - Preliminary Architecture Assessment	06/12/12
D10-	D12.3.5 .D10- Phase 2 - Preliminary Technical Assessment	10/05/12
D11-	D12.3.5.D11 - Phase 2 - Preliminary Prototype	06/12/12
D12-	D12.3.5.D12 - Phase 2 - Preliminary Test Plan	11/05/12
D13-	D12.3.5.D13 - Phase 2 - Preliminary Test Cases	31/08/12

Mgt Green - Approved 12.04

Project		Tower Management and ATC
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.04.01

Project		Baseline for airport controller tools
Code	Deliverable Name	Date
D02-006	Project progress reports	06/01/12

R&D Green - Approved 12.04.03

Project		Enhanced FDPs at airports
Code	Deliverable Name	Date
D02-	Phase 2 - Technical specifications	02/10/12
D03-	Phase 2 - Architecture assessment report	02/10/12

R&D Green - Approved 12.04.04

Project		Integration of Departure Management and Surface Management
Code	Deliverable Name	Date
D04-	INDRA prototype executable and availability note STEP 1 (Phase 1)	31/03/12
D05-	SELEX prototype executable and availability note STEP 1 (Phase 1)	31/03/12
D07-	Consolidated Verification Results STEP1 (Phase1)	23/07/12
D08-	INDRA Support to operational validation report (Phase1)	28/07/12
D09-	SELEX Support to operational validation report (Phase1)	30/06/12
D10-	THALES Support to operational validation report (Phase1)	17/03/12
D11-	System requirements definition STEP 2 (Phase 2)	27/06/12
D12-	Technical Architecture report STEP 2 (Phase 2)	27/06/12
D13-	Verification Strategy STEP2 (Phase 2)	01/08/12
D14-	INDRA prototype executable and availability note STEP 2 (Phase 2)	30/11/12
D15-	SELEX prototype executable and availability note STEP 2 (Phase 2)	30/11/12
D16-	THALES prototype executable and availability note STEP 2 (Phase 2)	30/11/12
D29-	INDRA Verification Plan (Phase1)	01/02/12
D30-	SELEX Verification Plan (Phase1)	01/03/12
D32-	INDRA Verification Plan (Phase2)	10/08/12
D33-	SELEX Verification Plan (Phase2)	10/08/12
D34-	THALES Verification Plan (Phase2)	10/08/12

R&D Green - Approved 12.04.06

Project Remotely Operated Tower Technology Enablers		
Code	Deliverable Name	Date
D06-	Technical supervision technology prototype V2	16/02/12
D07-	Camera positioning technology prototype V2	16/02/12
D08-	Voice and data distribution technology prototype V2	16/02/12
D09-	Technical Feasibility Report	11/05/12
D10-	Interaction technology prototype V2	28/12/12
D11-	Target analysis technology prototype V2	28/12/12

R&D Green - Approved 12.04.07

Project Remotely Operated Tower Multiple Controlled Airports with Integrated Working Position		
Code	Deliverable Name	Date
D06-	Remote tower specifications - iteration 2	12/12/12
D11-	NATMIG single remote TWR prototype - step 2	17/02/12
D12-	NATMIG single remote AFIS prototype	27/07/12
D13-	NATMIG multiple remote tower simulation prototype	17/08/12
D16-	SELEX single remote tower prototype - step 1	29/06/12

R&D Green - Approved 12.04.08

Project Remotely Operated Tower Technology used for Contingency and Enhanced Local Operations		
Code	Deliverable Name	Date
D02-	Technical feasibility report	01/06/12
D03-	Initial technical requirements	27/07/12
D04-	Initial logical architecture	31/08/12
D05-	Test case description	28/09/12
D11-	NATMIG V2 integration plan	30/04/12
D12-	NATMIG V2 development plan	01/05/12
D13-	NATMIG initial technical architecture	31/08/12
D15-	NATMIG V2 verification plan	30/11/12
D26-	INDRA V2 integration plan	28/09/12
D27-	INDRA V2 development plan	29/09/12
D28-	INDRA initial technical architecture	08/10/12

R&D Green - Approved 12.04.09

Project 3d Modelling for remote tower operations		
Code	Deliverable Name	Date
D01-	Report on possible operational use of 3D airport models	01/01/12
D04-	First software solution	01/06/12
D05-	Validation Plan first software solution	31/01/12
D06-	Validation Report first software solution	31/08/12
D07-	Refined functional requirements	31/10/12

Mgt Green - Approved 12.05

Project Controller Working Position		
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.05.02

Project Airport Safety Nets and wind-shear detection and alert for Controllers		
Code	Deliverable Name	Date
D05-	SELEX prototype for Phase 1	31/03/12
D06-	THALES prototype for Phase 1	01/03/12

D08-	Consolidated verification report for Phase 1	02/06/12
D09-	SELEX support to validation report for Phase 1	30/03/12
D10-	THALES support to validation report for Phase 1	25/05/12
D12-	System Requirement for Phase 2	13/08/12
D13-	System Technical Architecture for Phase 2	13/08/12
D14-	Technical Study Report for Phase 2	30/03/12
D15-	Verification Strategy for Phase 2	13/08/12
D16-	SELEX prototype for Phase 2	05/11/12
D17-	THALES prototype for Phase 2	05/11/12
D18-	FREQUENTIS/DFS prototype for Phase 2	05/11/12

R&D Green - Approved

12.05.03

Project Enhance Controller Tools to manage all aspects of 4D trajectories

Code	Deliverable Name	Date
D04-	System requirements definition STEP 2 (Phase 2)	02/06/12
D05-	Technical Architecture report STEP 2 (Phase 2)	02/06/12
D06-	Verification Strategy STEP 2 (Phase 2)	28/09/12

R&D Green - Approved

12.05.04

Project Integrated Tower Working Position (iCWP) Design, Specification Prototyping and Test/Validation

Code	Deliverable Name	Date
D01-004	Progress report	03/01/12
D01-005	Progress report	03/04/12
D01-006	Progress report	03/07/12
D01-007	Progress report	03/10/12
D05-	Frequentis/DFS prototype - Step1	01/04/12
D06-	Indra prototype - Step1	01/03/12
D07-	Thales prototype - Step1	01/03/12
D08-	Selex prototype - Step1	04/02/12
D09-	Frequentis/DFS Test plan - Step1	21/01/12
D10-	Indra Test plan - Step1	21/01/12
D11-	Thales Test plan - Step1	21/01/12
D12-	Selex Test plan - Step1	21/01/12
D18-	Verification synthesis Report -Step1	03/01/12
D19-	Frequentis/DFS support to integration & validation Report - Step1	01/05/12
D20-	Indra Test support to integration & validation Report - Step1	01/05/12
D21-	Thales Test support to integration & validation Report- Step1	01/05/12
D22-	Selex Test support to integration & validation Report- Step1	01/05/12
D23-	System requirements - Step2	31/12/12
D24-	Technical assessment - Step2	09/03/12
D30-	Frequentis/DFS Test plan - Step2	23/11/12
D31-	Indra Test plan - Step2	23/11/12
D32-	Thales Test plan - Step2	23/11/12
D33-	Selex Test plan - Step2	23/11/12

R&D Green - Approved

12.05.05

Project iCWP Usability and Human Factors Engineering

Code	Deliverable Name	Date
D02-	Initial UIDD step1/2	01/01/12
D05-	Human Factors Document for Step 2	31/08/12

R&D Green - Approved

12.05.07

Project	Performance Based, Monitoring and Decision Support within the HMI of the iCWP	
Code	Deliverable Name	Date
D05-	Impact Analysis Report for step 2	31/07/12
D06-	Interface Analysis report for step 2	31/08/12
D07-	Preliminary Performance based Monitoring and Decision Support Specification for step 2	14/12/12

Mgt Green - Approved 12.06

Project	Airport CDM and Collaborative Planning	
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved 12.06.02

Project	The Airport Operations Plan (AOP), decision support tools and conflict detection tools to be integrated in APOC for managing the overall performance of the Airport	
Code	Deliverable Name	Date
D03-	Function Adaptation Requirements Report (Step 2 V2)	18/05/12
D05-	Safety/Security Report (Step2 V2)	14/02/12
D07-	Technology Report (Step2 V2)	29/10/12
D08-	Architecture Report (Step1)	09/01/12
D09-	Architecture Report (Step2 V2)	07/08/12
D11-	Function Domain Data Requirements (Step2 V2)	14/08/12
D13-	Natmig Prototype (Step1 V3)	15/07/12
D15-	Natmig Test Cases and Scenarios (Step 1 V3)	15/02/12
D17-	Natmig Testing Platform & Tools Requirements (Step 1 V3)	08/03/12
D19-	Natmig Test Reports (Step 1 V3)	30/09/12

R&D Green - Approved 12.06.03

Project	Enhanced MET-systems with CDM	
Code	Deliverable Name	Date
D03-	Specific technology assessment report	06/01/12
D04-	Safety/Security assessment	06/01/12
D05-	Specific test cases and scenarios	02/03/12
D06-	Testing platform and tool specification	30/03/12
D07-	System requirements refinement	08/06/12

R&D Green - Approved 12.06.07

Project	AMAN, SMAN, and DMAN fully integrated into CDM processes	
Code	Deliverable Name	Date
D01-	System Requirements for Phase 1	30/03/12
D02-	Technical Architecture Assessment for Phase 1	30/03/12
D03-	Interface Definition and Specification for Phase 1	30/03/12
D05-	Common verification plan for Phase 1	29/06/12
D07-	SELEX prototype for Phase 1	01/10/12
D08-	Specific Verification Strategy for SELEX Prototype for Phase 1	01/10/12
D11-	INDRA prototype for Phase 1	01/10/12
D12-	Specific Verification Strategy for INDRA Prototype for Phase 1	01/10/12

Mgt Green - Approved 12.07

Project	Airport Performance Assessment Systems	
Code	Deliverable Name	Date
D01-	CIA	30/06/12

R&D Green - Approved

12.07.03

Project Airport Performance Assessment and Management Support Systems

Code	Deliverable Name	Date
D08-	Phase 1 - System Test Beds	10/01/12
D09-	Phase 1 - Technical Verification Report	28/01/12
D10-	Phase 2 - Architecture Analysis Report	08/02/12
D11-	Phase 2 - Safety & Performance Requirements	27/06/12
D12-	Phase 2 - Interoperability Requirements	27/06/12
D13-	Phase 2 - System Technical Requirements	27/06/12
D14-	Phase 2 - Prototypes & Tools	24/12/12

R&D Green - Approved

12.07.05

Project Improved weather information systems

Code	Deliverable Name	Date
D04-	Phase 1 - Improved Weather Information System Prototype	29/02/12
D05-	Phase 2 - Improved Weather Information System Requirements	05/04/12
D06-	Phase 2 - Improved Weather Information System Architecture	05/04/12
D07-	Phase 2 - Improved Weather Information System Prototype	07/11/12
D08-	Phase 2 - Testing platform and Tools Requirements	08/10/12
D09-	Phase 2 - Test Cases and Scenarios Definition Report	08/10/12
D10-	Phase 2 - Safety/ Security Report	05/04/12
D18-	Phase 2 - Improved weather information system data requirements	05/04/12
D20-	Phase 2 - Test Verification Report	05/11/12

Mgt Green - Approved

13.01

Project Network Systems Definition

Code	Deliverable Name	Date
D01-002	Deliverables for SEMP reviews	01/06/12
D02-003	WP13.1 contribution to WP13 progress report	01/06/12
D02-004	WP13.1 contribution to WP13 progress report	01/12/12
D03-002	WP13 yearly report of SEMP activities	01/06/12

R&D Green - Approved

13.01.01

Project Network Sub-Systems Definition & verification

Code	Deliverable Name	Date
D01-	S1: NIMS Verification Strategy	01/07/12
D03-	S1: NIMS technical specification	25/12/12
D04-	S1: NIMS technical Architecture	25/12/12
D23-	S1: Final Verification Report	25/12/12

R&D Green - Approved

13.01.04

Project Impact of new Roles & responsibilities on local/sub-regional/regional Network (Sub)-systems

Code	Deliverable Name	Date
D09-	Step 3 - V1 - Architecture Specification	31/10/12
D10-	Step 3 - V1 - Solution Evaluation	31/10/12

R&D Green - Approved

13.02.01

Project Network Planning sub-system definition

Code	Deliverable Name	Date
D03-	ASM INDRA Pre-Industrial Prototype V1.0.A	14/06/12
D04-	ASM SELEX Pre-Industrial Prototype V1.0.B	14/06/12
D08-	ASM INDRA Verification Report V1.0.A	09/08/12

D09-	ASM SELEX Verification Report V1.0.B	09/08/12
D103-	TM Baseline Solution and Architecture V3.0	14/12/12
D11-	TM ECTL Pre-Industrial Prototype V1.0.C	14/06/12
D14-	TM ECTL Verification Report V1.0.C	09/08/12
D16-	FPLAN ECTL Pre-Industrial Prototype V1.0.B	14/06/12
D19-	FPLAN ECTL Verification Report V1.0.B	09/08/12
D20-	FO Final System Requirements V1.0	14/03/12
D24-	FO ECTL Verification Report V1.0.A	09/08/12
D27-	AD System Architecture V2.0	12/01/12
D34-	ASM System Architecture V2.0	12/01/12
D45-	TM System Architecture V2.0	12/01/12
D59-	FPLAN System Architecture V2.0	12/01/12
D66-	FO System Architecture V2.0	12/01/12
D79-	DDR System Architecture V2.0	12/01/12
D85-	AD Baseline Solution and Architecture V3.0	14/12/12

R&D Green - Approved

13.02.02

Project Aeronautical Information Management sub-system definition

Code	Deliverable Name	Date
D04-	S#1 Prototype development for Step 1	27/06/12
D05-	Test Scenarios for S#1 Digital NOTAM prototype	26/06/12
D06-	Verification Plan for the Digital NOTAM prototype	26/06/12
D07-	Verification Report for S#1 Digital NOTAM	04/10/12
D10-	Step 2 OSED	01/03/12
D11-	System Specification for Step 2 V2	09/11/12
D41-	S#2 Prototype development for Step 1	27/06/12
D42-	Report of the P13.01.01 coordination	27/06/12
D43-	Test Scenarios for S#1 Integrated digital Briefing prototype	26/06/12
D44-	Verification Plan for the Integrated digital Briefing prototype	26/06/12
D45-	Verification Report for S#2 Integrated Digital Briefing	04/10/12

R&D Green - Approved

13.02.03

Project Network Operations & Monitoring sub-system definition

Code	Deliverable Name	Date
D04-	DCB/ASM Scenario step1 Development (Subregional/Local)	01/06/12
D05-	DCB/ASM Scenario step1 Verification	01/09/12
D09-	Federated DCB step1 System Definition Final	01/03/12

R&D Green - Approved

13.02.04

Project Network Technical Sub-systems

Code	Deliverable Name	Date
D02-	GGIOP Connectivity Recommendations Step1	28/01/12
D03-	GGIOP Recovery Procedures & Performance Requirements Step1	28/01/12
D14-	SeNOP Preliminary Technical Specifications Step2	09/07/12
D22-	SPV. INDRA Baseline Solution and Architecture Step3	09/11/12
D29-	SeNOP Baseline Solution and Architecture Step3	12/10/12

Mgt Green - Approved

14.01

Project Alignment with SWIM-SUIT FP6 project and SWIM Infrastructure Specifications

Code	Deliverable Name	Date
D06-	Work Package Management Plan (WMP)	21/02/12

R&D Green - Approved

14.01.02

Project Identification of Technology and services options

Code	Deliverable Name	Date
D07-	Ground/Ground Technology & Service Option Survey - Final Report (Step2)	14/01/12
D11-	Progress Report	14/01/12

R&D Green - Approved

14.01.03

Project SWIM Design

Code	Deliverable Name	Date
D07-	Swim-Profiles V2.0	11/02/12
D08-	Swim-Profiles V2.1	16/03/12
D11-	G-G SWIM Architectural document V1.0	19/03/12
D12-	G-G SWIM Architectural document V2.0	31/03/12
D13-	A-G SWIM Architectural document V2.0	31/03/12

R&D Green - Approved

14.01.04

Project Interface specification and Services Technical requirements

Code	Deliverable Name	Date
D07-	SWIM interfaces specification for Step 2 V2	01/04/12
D08-	SWIM technical requirements specification for Step 2 V2	18/02/12
D09-	SWIM interfaces specification for Step 2 V2 - update 1	31/03/12
D10-	SWIM technical requirements specification for Step 2 V2 - update 1	18/05/12
D11-	Consolidated information models and requirements for Step 2 V3	10/01/12
D12-	SWIM interfaces specification for Step 2 V3	12/10/12
D13-	SWIM technical requirements specification for Step 2 V3	17/05/12
D14-	SWIM interfaces specification for Step 2 V3 - update 1	12/11/12
D15-	SWIM technical requirements specification for Step 2 V3 - update 1	05/09/12

R&D Green - Approved

14.02.02

Project Swim Security solutions

Code	Deliverable Name	Date
D05-	Security context and needs analysis - updated	01/11/12
D06-	SWIM Security Risk Assessment	21/12/12
D09-	Security evaluation of technology and service options selection (for G/G SWIM)	21/12/12
D10-	Security high level design for G/G SWIM & AGDLGMS	15/06/12

R&D Green - Approved

14.02.03

Project SWIM technical supervision

Code	Deliverable Name	Date
D07-	System Definition V2.0.0 (V2)	17/05/12
D08-	Results on the Technical Study Step2	05/03/12
D11-	Technical Supervision Test Platform Requirements and Development for the V2.0.0 (V2)	05/06/12
D12-	System verification report for the V2.0.0	27/08/12

R&D Green - Approved

14.02.09

Project SWIM Platform Development and Demonstration Delivery

Code	Deliverable Name	Date
D14-	V2.0.0 SWIM technical infrastructure definition	26/05/12
D15-001	V2.0.0 SWIM technical infrastructure prototype baseline - Frequentis	24/08/12
D15-002	V2.0.0 SWIM technical infrastructure prototype baseline - Indra	24/08/12
D15-003	V2.0.0 SWIM technical infrastructure prototype baseline - Thales	24/08/12
D16-001	V2.0.0 SWIM technical infrastructure prototype with governance and AGDLGMS - Frequentis	24/08/12

D16-002	V2.0.0 SWIM technical infrastructure prototype with governance and AGDLGMS - Indra	24/08/12
D16-003	V2.0.0 SWIM technical infrastructure prototype with governance and AGDLGMS - Thales	24/08/12
D17-001	V2.0.0 SWIM technical infrastructure prototype - Frequentis	24/08/12
D17-002	V2.0.0 SWIM technical infrastructure prototype - Indra	24/08/12
D17-003	V2.0.0 SWIM technical infrastructure prototype - Thales	24/08/12
D18-001	V2.0.0 Packaging - Frequentis	15/09/12
D18-002	V2.0.0 Packaging - Indra	15/09/12
D18-003	V2.0.0 Packaging - Thales	15/09/12
D19-	V2.0.0 Test tools, test data and test scenarios	24/08/12
D20-	AGDLGMS test tools and demonstration for V2.0.0	24/08/12
D21-	V2.0.0 verification plan	13/01/12

R&D Green - Approved

14.04

Project SWIM Exploitation

Code	Deliverable Name	Date
D04-	Roadmap and deployment plan assessment report - Step 1	21/03/12
D05-	Institutional rules definition assessment report - Step 1	01/07/12
D11-	Impact assessment report / pre-integration plan v1.0.0/v1.1.0 report	31/10/12
D16-	Integration plan v1.1.0 report	31/12/12
D23-	SWIM benefits contribution report - Step 1	31/03/12
D24-	SWIM costs contribution report - Step 1	31/03/12
D76-003	SWIM Communication management plan (annual) 3	20/12/12
D77-006	SWIM Communication action plan (quarterly) 6	20/03/12
D77-007	SWIM Communication action plan (quarterly) 7	20/06/12
D77-008	SWIM Communication action plan (quarterly) 8	20/09/12
D77-009	SWIM Communication action plan (quarterly) 9	20/12/12
D78-002	SWIM Communication execution (annual) 2	20/12/12
D79-001	SWIM Communication monitoring (annual) 1	18/03/12
D80-001	SJU Websites / SWIM Web Mastering 1	20/03/12

R&D Green - Approved

15.01.06

Project Spectrum Management & Impact Assessment

Code	Deliverable Name	Date
D09-	ITU Airport Surface datalink Submission Deliverable	22/12/12
D10-	ITU SatCom Submission Deliverable	22/12/12
D11-	Navigation Infrastructure Report Deliverable	28/07/12
D14-	1030/1090 Interim Report	23/11/12
D19-	Briefing Material Report Deliverable WRC-2012	01/01/12
D20-	Report on ITU WRC onboard radio Navigation/Identification	27/04/12
D21-	Report of WP5B meetings on radar spectrum requirements	01/05/12
D22-	Report on WRC-2012 Outcome Deliverable	26/04/12
D25-	SESAR Spectrum Governance Report Deliverable	22/12/12
D27-	Frequency Management Tools Deliverable	30/04/12
D30-	Potential onboard radio Navigation/Identification interference Deliverable	28/04/12

R&D Green - Approved

15.02.07

Project Airport Surface Datalink

Code	Deliverable Name	Date
D04-	Deployment & Integration Analysis	26/05/12
D05-	System Implementation	03/12/12

R&D Green - Approved

15.02.08

Project	Civil-Military Data Link Interoperability	
Code	Deliverable Name	Date
D06-	preliminary performance/safety report for a Ground Station for Military Data Link Interaction with SESAR	17/03/12
D07-	Design Requirement for a Ground Station for Military Data Link Interaction with SESAR	06/06/12
D08-	modelling report for a Ground Station for Military Data Link Interaction with SESAR	18/05/12
D09-	performance report for a Ground Station for Military Data Link Interaction with SESAR	18/05/12
D10-	Unit Test Report for a Ground Station for Military Data Link Interaction with SESAR	02/10/12

R&D Green - Approved 15.02.10

Project	Terrestrial communication infrastructure - SWIM backbone	
Code	Deliverable Name	Date
D04-	SWIM Backbone Security Risk Assesment	04/06/12
D05-	Security System Specification	03/10/12
D06-	SWIM backbone security management	21/12/12
D09-	Guidelines for IP multicast applications via PENS	01/02/12

R&D Green - Approved 15.03.01

Project	Navigation technologies specifications	
Code	Deliverable Name	Date
D03-004	D3. SESAR Navigation Operational requirements	02/08/12

R&D Green - Approved 15.03.02

Project	Navigation Infrastructure Rationalisation	
Code	Deliverable Name	Date
D01-	D1.0. Project Management Report	17/09/12
D02-002	D1.1. Coordination Report	17/09/12
D05-	D1.4.A. Infrastructure Assessment of individual ECAC states	06/04/12
D06-	D1.4.B. ECAC-wide overall infrastructure assessment and guidance	06/04/12
D07-	D1.5. SESAR Nav aids roadmap.	13/07/12

R&D Green - Approved 15.03.04

Project	GNSS Baseline Study	
Code	Deliverable Name	Date
D05-	GNSS System Analysis Report	05/05/12
D07-	GNSS Monitoring and NOTAM Requirments	13/03/12
D08-	GNSS Baseline Report	19/12/12
D09-	GNSS Roadmap, Risk Management, and Alternatives	11/12/12
D13-	Vulnerabiity Report - Issue 1	13/04/12

R&D Green - Approved 15.03.06

Project	GBAS Cat II/III L1 Approach	
Code	Deliverable Name	Date
D02-003	LATO and IGWG meeting reports 3	31/01/12
D02-004	LATO and IGWG meeting reports 4	31/07/12
D05-	TN: CAT II/III L1 as a step to Multi-constellation GBAS	01/04/12
D07-	PT1 Preliminary Ground System Performance & Safety Report (Phase 1)	01/07/12
D09-	PT1 Delivery Form and Verification Report (Phase 1)	10/04/12
D16-	System Validation Plan	01/09/12
D20-002	GBAS CON OPS (including CAT II/III L1 specificities)	02/07/12
D23-002	Report on submissions to and activities of relevant GBAS standardisation groups 2	16/04/12

R&D Green - Approved 15.04.01

Project	Surveillance infrastructure rationalisation study	
Code	Deliverable Name	Date
D09-	Draft Final report	06/04/12
D10-	Final Report	06/07/12
D12-	Surveillance Rationalisaiton methodology report	03/02/12

R&D Green - Approved 15.04.03

Project	ACAS Monitoring	
Code	Deliverable Name	Date
D03-	System Specification Document (Final)	03/04/12
D04-	ACAS Monitoring system prototype	28/06/12
D09-	Improved ACAS Monitoring System	29/06/12

R&D Green - Approved 15.04.05.a

Project	Surveillance ground system enhancements for ADS-B	
Code	Deliverable Name	Date
D02-	Integration Report for first iteration ADS-B Ground Station and SDPD Prototype (for Time Based Operations)	31/03/12
D12-	Second iteration of ADS-B Ground Station Test Specifications (for Trajectory Based Operations)	01/02/12
D13-	Third iteration of ADS-B Ground Station Specifications (for Trajectory Based Operations)	31/08/12
D14-	Third iteration of SDPDS Specifications for Trajectory Based Operations	31/08/12
D15-	Third iteration of Interface Specifications for Trajectory Based Operations	31/08/12
D16-	Third iteration of ADS-B Ground Station Test Specifications for Trajectory Based Operations	31/12/12
D20-	Third iteration of ADS-B Surveillance System Specifications	31/08/12

R&D Green - Approved 15.04.05.b

Project	Surveillance ground system enhancements for ADS-B (Prototype development)	
Code	Deliverable Name	Date
D05-	First Iteration - Provision of ADS-B Ground Station Prototype (for Time Based Operations) - Not verified	23/02/12
D06-	First Iteration - Provision of Verification Test Specification	26/01/12
D07-	First Iteration - Verification Acceptance Report	29/03/12
D08-	First Iteration - Provision of Final Safety Assessment Report	13/02/12
D09-	First Iteration - Security Assessment Report	26/01/12
D10-	Second Iteration - Baseline Report/Matrix	20/06/12
D11-	Second Iteration - Toolset for Verification Activities	18/12/12
D15-	Second Iteration - Provision of Final Safety Assessment Report	11/12/12

R&D Green - Approved 15.04.09.b

Project	Weather infrastructure requirements Study	
Code	Deliverable Name	Date
D01-	Weather sensor infrastructure concept for different airport configurations and categories	03/06/12
D02-	Case studies of deployed weather sensors at today's airports and optimization strategies	03/10/12
D03-	Management	05/09/12

Mgt Green - Approved 16.00

Project	Global Coordination and Management	
Code	Deliverable Name	Date
D08-002	WP16 Annual Report	01/06/12

Mgt Green - Approved 16.01

Project	Safety	
Code	Deliverable Name	Date
D04-007	Sub-WP16.1 Progress Report & Coordination Report	01/03/12

D04-008	Sub-WP16.1 Progress Report & Coordination Report	01/06/12
D04-009	Sub-WP16.1 Progress Report & Coordination Report	01/09/12
D04-010	Sub-WP16.1 Progress Report & Coordination Report	01/12/12
D07-006	Sub-WP16.1 Risks, Issues and Opportunity Register	02/03/12
D07-007	Sub-WP16.1 Risks, Issues and Opportunity Register	01/06/12
D07-008	Sub-WP16.1 Risks, Issues and Opportunity Register	01/09/12
D07-009	Sub-WP16.1 Risks, Issues and Opportunity Register	02/12/12

R&D Green - Approved

16.01.01

Project Develop a top-down accident-incident model and a Safety Target Achievement Roadmap (STAR) (ex 16.1.1.1)

Code	Deliverable Name	Date
D04-	Determination of indicator sensitivity in ATM	28/02/12
D05-	Proposal for incorporation in AIM	31/03/12
D06-	Development & review of IRP Models	22/12/12
D08-	Means to quantify within AIM	21/09/12
D09-	Enhanced AIM Platform	30/11/12
D10-	ESTAR - OI Assumptions review	30/07/12

R&D Green - Approved

16.01.02

Project Ensuring ATM with SESAR is kept resilient (ex 16.1.1.9)

Code	Deliverable Name	Date
D03-	Incident-Based Variability Analysis Results	26/01/12
D05-	Safety Case (SRM) Robustness Guidance Application and Validation Results	30/04/12
D06-	Safety Case (SRM) and Design Robustness Guidance	30/11/12
D07-	Daily Operations Data Set Summary	25/11/12
D08-	Daily-Operations-Based Variability Analysis Results	30/06/12
D09-	Preliminary Safety Case (SRM) & Design Resilience Guidance	30/11/12

R&D Green - Approved

16.01.03

Project Develop techniques for Dynamic Risk Modelling (ex 16.1.1.11)

Code	Deliverable Name	Date
D04-	DRM principles, criteria and optimal solution for SESAR (final)	28/02/12
D05-	Chapter Description of selected DRM solution step-by-step	02/04/12
D06-	Chapter DRM techniques initial guidelines	17/09/12
D07-	Initial guidelines for DRM application	30/10/12
D12-002	P16.01.03 document related to coordination with other SESAR projects	15/12/12

R&D Green - Approved

16.01.04

Project Develop the notion of 'proof of concept' for aircraft certification when introducing new concept of operations (ex 16.1.1.14)

Code	Deliverable Name	Date
D01-	Project Execution Plan (PEP) & Progress Report	28/09/12
D03-	Lessons learnt from 16.01.04 Project	01/09/12
D06-	Final Guidance Material to execute proof of concept	03/09/12

Mgt Green - Approved

16.02

Project ATM Security

Code	Deliverable Name	Date
D06-006	Sub-WP16.2 Progress Report	01/03/12
D06-007	Sub-WP16.2 Progress Report	01/06/12
D06-008	Sub-WP16.2 Progress Report	01/09/12
D06-009	Sub-WP16.2 Progress Report	01/12/12

D09-007	Sub-WP16.2 Risk, Issue and Opportunity Register	23/03/12
D09-008	Sub-WP16.2 Risk, Issue and Opportunity Register	23/06/12
D09-009	Sub-WP16.2 Risk, Issue and Opportunity Register	23/09/12
D09-010	Sub-WP16.2 Risk, Issue and Opportunity Register	23/12/12

R&D Green - Approved

16.02.01

Project ATM Security management - ATM Security Framework (ex 16.2.1.1)

Code	Deliverable Name	Date
D02-001	SESAR ATM Security Policy	09/03/12
D04-	SESAR ATM Security Management Framework	25/01/12
D05-001	SESAR ATM Resilience Management Framework	01/05/12
D06-002	ATM Security & Resilience Implementation Guidance Material	30/09/12
D07-001	Report on Support to 16.06.02	15/03/12

R&D Green - Approved

16.02.02

Project ATM Security management - Security management tools (ex 16.2.1.3)

Code	Deliverable Name	Date
D04-002	ATM Security Model and Evaluation Scenarios Implementation Guidelines	03/10/12

R&D Green - Approved

16.02.03

Project Security Risk assessment - Security risk assessment methodology (ex 16.2.3.1)

Code	Deliverable Name	Date
D01-003	16.02.03 Project Execution Plan and Progress Reports	29/01/12
D01-004	16.02.03 Project Execution Plan and Progress Reports	29/04/12
D01-005	16.02.03 Project Execution Plan and Progress Reports	30/07/12
D01-006	16.02.03 Project Execution Plan and Progress Reports	30/10/12
D02-002	SESAR ATM Security Risk Assessment Methodology	15/08/12
D03-002	SESAR ATM Security Implementation Guidance	17/09/12
D04-001	Report on Support to 16.06.02	15/01/12
D04-002	Report on Support to 16.06.02	15/12/12

R&D Green - Approved

16.02.04

Project Security Risk assessment - Security validation process (ex 16.2.3.2)

Code	Deliverable Name	Date
D03-	Security Validation Process	20/01/12

R&D Green - Approved

16.02.05

Project Harmonised ATM Security best practices (ex 16.2.5.1)

Code	Deliverable Name	Date
D02-	ATM security compendium	01/06/12

Mgt Green - Approved

16.03

Project Environmental sustainability

Code	Deliverable Name	Date
D04-007	Sub-WP16.3 Progress Report	01/03/12
D04-008	Sub-WP16.3 Progress Report	01/06/12
D04-009	Sub-WP16.3 Progress Report	01/09/12
D04-010	Sub-WP16.3 Progress Report	01/12/12
D07-007	Sub-WP16.3 Risk, Issue and Opportunity Register	23/03/12
D07-008	Sub-WP16.3 Risk, Issue and Opportunity Register	23/06/12
D07-009	Sub-WP16.3 Risk, Issue and Opportunity Register	23/09/12
D07-010	Sub-WP16.3 Risk, Issue and Opportunity Register	23/12/12

R&D Green - Approved

16.03.01

Project		Development of the SESAR environmental validation framework (metrics, methods, models, tools)
Code	Deliverable Name	Date
D01-005	Project Execution Plan (PEP) and Reports	15/03/12
D01-006	Project Execution Plan (PEP) and Reports	13/06/12
D01-007	Project Execution Plan (PEP) and Reports	13/09/12
D01-008	Project Execution Plan (PEP) and Reports	14/12/12
D02-003	GHG Modelling Improvement Requirements Document	27/03/12
D02-004	GHG Modelling Improvement Requirements Document	27/07/12
D02-005	GHG Modelling Improvement Requirements Document	31/08/12
D03-003	Noise Modelling Improvement Requirements Document	27/03/12
D03-004	Noise Modelling Improvement Requirements Document	27/07/12
D03-005	Noise Modelling Improvement Requirements Document	31/08/12
D04-003	LAQ Modelling Improvement Requirements Document	27/03/12
D04-004	LAQ Modelling Improvement Requirements Document	27/07/12
D04-005	LAQ Modelling Improvement Requirements Document	31/08/12
D05-003	A/C Performance & Input Data Pre-Processing Modelling Improvement Requirements Document	27/03/12
D05-004	A/C Performance & Input Data Pre-Processing Modelling Improvement Requirements Document	27/07/12
D05-005	A/C Performance & Input Data Pre-Processing Modelling Improvement Requirements Document	31/08/12
D06-003	Data Warehouse Requirements Document	27/03/12
D06-004	Data Warehouse Requirements Document	27/07/12
D06-005	Data Warehouse Requirements Document	30/08/12
D07-001	Populated Data Warehouse System	28/01/12
D07-002	Populated Data Warehouse System	29/07/12
D08-	Improved GHG Modelling Techniques R&D Report	16/12/12
D09-	Improved Noise Modelling Techniques R&D Report	16/12/12
D10-	Improved LAQ Modelling Techniques R&D Report	16/12/12
D11-	Improved A/C Performance Modelling Techniques R&D Report	16/12/12
D12-001	Updated ENV Models Software Packages	28/01/12
D12-002	Updated ENV Models Software Packages	29/07/12
D17-001	Updated GHG Impact Assessment Guidance Material	15/05/12
D17-002	Updated GHG Impact Assessment Guidance Material	14/11/12
D18-001	Updated Noise Impact Assessment Guidance Material	15/06/12
D18-002	Updated Noise Impact Assessment Guidance Material	15/12/12
D19-001	Updated LAQ Impact Assessment Guidance Material	15/05/12
D19-002	Updated LAQ Impact Assessment Guidance Material	14/11/12

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16.03.02

Project		Support to development of performance indicators
Code	Deliverable Name	Date
D01-003	Project Execution Plan (PEP) and Reports	03/03/12
D01-004	Project Execution Plan (PEP) and Reports	02/06/12
D01-005	Project Execution Plan (PEP) and Reports	02/09/12
D01-006	Project Execution Plan (PEP) and Reports	03/12/12
D03-	GHG KPI - Gap Analysis Report	14/01/12
D04-	GHG Phase 1 - KPIs and Methods	01/06/12
D07-	TMA Noise Phase 1 - KPI Requirements	01/03/12
D08-	TMA Noise - KPI Gap Analysis Report	01/03/12
D09-	TMA Noise KPIs and Methods	01/03/12
D10-	TMA Noise Phase 2 - KPI Requirements	30/03/12
D12-	Airport Emissions KPI requirements Report	28/04/12

D13-	Airport Emissions - KPI Gap Analysis Report	01/03/12
D14-	Airport Aircraft Emissions - KPIs and Methods	26/10/12
D15-	Airport Non-Aircraft Emissions - KPIs and Methods	26/10/12
D18-	ENV KPI data model requirements for SWIM	31/08/12

R&D Green - Approved 16.03.03

Project Develop framework to establish interdependencies vs. other performance areas

Code	Deliverable Name	Date
D02-	Nature of Trade-Offs Report	28/09/12

R&D Green - Approved 16.03.07

Project Future regulatory scenarios and impacts

Code	Deliverable Name	Date
D02-	Base-level regulatory review	26/01/12
D03-	Base-level environmental risk review	24/02/12
D04-001	Regulatory and risk scenarios guidance	24/12/12

Mgt Green - Approved 16.04

Project Human Performance Management System R&D

Code	Deliverable Name	Date
D05-007	Sub-WP16.4 Progress Report	01/03/12
D05-008	Sub-WP16.4 Progress Report	01/06/12
D05-009	Sub-WP16.4 Progress Report	01/09/12
D05-010	Sub-WP16.4 Progress Report	01/12/12
D08-007	Sub-WP16.4 Risk, Issue and Opportunity Register	23/03/12
D08-008	Sub-WP16.4 Risk, Issue and Opportunity Register	23/06/12
D08-009	Sub-WP16.4 Risk, Issue and Opportunity Register	23/09/12
D08-010	Sub-WP16.4 Risk, Issue and Opportunity Register	23/12/12

R&D Green - Approved 16.04.01

Project Evolution from ATM HF Case to a HP Case Methodology for SESAR (ex 16.5.1.1)

Code	Deliverable Name	Date
D01-005	Project Execution Plan (PEP) - Second Version	20/03/12
D02-003	Process Requirements Register	20/03/12
D04-002	Module 1 of the HP Assessment Process	20/03/12
D05-002	Module 2 of the HP Assessment Process	20/06/12
D06-001	Module 3 of the HP Assessment Process	20/03/12
D07-003	Test Application Plan Module 3	20/03/12
D08-002	Coaching Session Module 2 initial	04/01/12
D08-003	Coaching Session Module 3 initial	04/04/12
D08-004	Coaching Session Module 1 final	04/04/12
D09-001	Training Material Module 1	20/03/12
D09-002	Training Material Module 2	20/06/12
D17-	Process Requirements Register	19/09/12
D18-	Module 3 of the HP Assessment Process	19/09/12
D19-	Coaching Session Module 2 final	04/07/12
D20-	Coaching Session Module 3 final	04/10/12
D21-	Training Material Module 3	19/09/12

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Project HP Tool Repository of SESAR standard HP methods and tools (ex 16.5.1.3)

Code	Deliverable Name	Date
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D01-002	Project Reports	01/03/12
D01-003	Project Reports	01/06/12
D01-004	Project Reports	01/09/12
D01-005	Project Reports	01/12/12
D02-	Description of selection process and initial list of methods, tools, techniques, guidelines and models	10/03/12
D03-	Text version of HP repository	03/08/12

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16.04.03

Project Impacts of future systems and procedures on selection, training, competence and staffing requirements (ex 16.5.1.4)

Code	Deliverable Name	Date
D01-002	Impacts of future systems and procedures on selection, training, competence and staffing requirements: Project Execution Plan (PEP) and Progress Reports	15/02/12
D01-003	Impacts of future systems and procedures on selection, training, competence and staffing requirements: Project Execution Plan (PEP) and Progress Reports	15/05/12
D01-004	Impacts of future systems and procedures on selection, training, competence and staffing requirements: Project Execution Plan (PEP) and Progress Reports	15/08/12
D01-005	Impacts of future systems and procedures on selection, training, competence and staffing requirements: Project Execution Plan (PEP) and Progress Reports	15/11/12
D03-	Impacts of future systems and procedures on selection, training, competence and staffing requirements: Good Practice Material	30/06/12

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16.04.04

Project Social and Cultural Factors impacting on SESAR Changes (ex 16.5.1.8)

Code	Deliverable Name	Date
	Progress Reports	quarterly
D02-	Social Factors in relation to SESAR	29/06/12
D04-	Social Factors Intervention Framework SFIF Version 1	15/12/12

Mgt Green - Approved

16.05

Project Human performance in Automation support

Code	Deliverable Name	Date
D05-010	Sub-WP16.5 Progress Report	quarterly
D08-007	Sub-WP16.5 Risk, Issue and Opportunity Register	quarterly

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16.05.01

Project Identification and integration of Automation Related Best Practices (ex 16.5.2.1)

Code	Deliverable Name	Date
D04-	Guidelines for Addressing HP Automation Issues	30/11/2012

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16.05.02

Project Trade-off between planning and flexibility (ex 16.5.2.3)

Code	Deliverable Name	Date
D02-	Final set of activity models	01/11/2012

R&D Green - Approved

16.05.03

Project Guidance for an effective information presentation (ex 16.5.2.6)

Code	Deliverable Name	Date
D04-	Final Analysis Report of Information Needs	16/01/2012
D05-	Generic SESAR Information Presentation Guide	01/03/2012
D06-	Updated Generic Information Presentation Guide	12/12/2012

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16.05.04

Project Selection and training requirements to work with automated decision and support tools (ex 16.5.2.8)

Code	Deliverable Name	
D01-002	Selection and Training requirements to work with advanced automation: Project Execution Plan (PEP) and Progress Reports	15/02/2012
D01-003	Selection and Training requirements to work with advanced automation: Project Execution Plan (PEP) and Progress Reports	15/05/2012
D01-004	Selection and Training requirements to work with advanced automation: Project Execution Plan (PEP) and Progress Reports	15/08/2012
D01-005	Selection and Training requirements to work with advanced automation: Project Execution Plan (PEP) and Progress Reports	15/11/2012
D03-	Selection and Training requirements to work with advanced automation: Identification of Good Practices	30/06/2012
D05-	Selection and Training requirements to work with advanced automation: Literature review & Fact finding - Final report	01/03/2012

Mgt Green - Approved

16.06

Project TA coordination and support function

Code	Deliverable Name	
	Sub-WP16.6 Progress Report	quarterly

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16.06.01

Project Safety support and coordination function

Code	Deliverable Name	
D01-009	P16.06.01 Project Execution Plan (PEP) and Progress Reports	quarterly
D02-003	SCF - SESAR Safety Policy and Principles	30/11/2012
D03-003	SCF - Safety Management Plan (including Management Plan, integrated cross-TA Assessment ToR & Plan, SEMP Integration Plan; SWP16.01 Safety R&D Monitoring & Recommendations)	30/11/2012
D04-003	SCF - Safety Regulatory Interface Reviews	29/10/2012
D05-003	SCF - Safety and Cross-TA Output Communication and Outreach	15/12/2012
D06-003	SESAR Safety Reference Material	15/12/2012
D07-003	Report on the support to Projects Safety Assessments, including Front Office Operation	semiannually
D08-005	Common Baseline and Assumptions	semiannually
D09-004	Cross-TA Register	semiannually
D10-004	Project and Package Impacts / Benefits Mechanisms	semiannually
D11-004	Report on Safety Reviews for SEMP (for Steps 1, 2 and 3)	semiannually
D20-002	Safety Awareness and Training Material	semiannually
D21-003	Safety Training	semiannually
D22-002	Report on the applicability of P16.01.01-04 outputs to meet 16.06.01 requirements	29/11/2012

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16.06.02

Project Security support and coordination function

Code	Deliverable Name	
	P16.06.02 Project Execution Plan (PEP) and Progress Reports	quarterly
D02-003	SCF - SESAR ATM Security Policy and Principles	16/12/2012
D03-003	SCF - ATM Security Management Plan (including Management Plan, integrated cross-TA Assessment ToR & Plan, SEMP Integration Plan; SWP16.01 ATM Security R&D Monitoring & Recommendations)	16/12/2012
D04-003	SCF - ATM Security Regulatory Interface Reviews	14/11/2012
D05-002	SCF - ATM Security and Cross-TA Output Communication and Outreach	15/02/2012
D06-002	SESAR ATM Security Reference Material	16/04/2012
	Report on the support to Projects ATM Security Assessments, including Front Office Operation	semiannually
	Common Baseline and Assumptions	semiannually
	Project and Package Impacts / Benefits Mechanisms	semiannually

	Report on ATM Security Reviews for SEMP (for Steps 1, 2 and 3)	semiannually
D13-	Time-Based Operations (Step 1) ATM Security Cases and Contributions to Business Cases - SAR	31/07/2012
D20-002	ATM Security Awareness and Training Material	16/02/2012
	ATM Security Training	semiannually
D22-002	Report on the applicability of P16.02.01-05 outputs to meet 16.06.02 requirements	15/12/2012

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16.06.03

Project Environment support and coordination function

Code	Deliverable Name	
D01-006	Project Execution Plan (PEP) and Reports	quarterly
D02-003	SESAR Environmental Policy and Plan	30/11/2012
D03-003	ENV and Cross-TA Assessments Management Plans	30/11/2012
D04-001	Regulatory Interface Reviews	04/10/2012
D05-001	ENV and Cross-TA Output Communication and Outreach	04/02/2012
D06-004	SESAR ENV Reference Material	semiannually
D07-005	Report on the support to Projects ENV Assessments	semiannually
D08-004	Cross-TA Common Baseline and Assumptions	semiannually
D09-005	Cross-TA Register of Data	semiannually
D10-009	Cross-TA Database of Project Impacts / Benefits Mechanisms	quarterly
D11-005	Report on ENV Reviews for SEMP (for Steps 1, 2 and 3)	semiannually
D14-	Interim Trajectory-Based Operations (Step 2) ENV Cases and Contributions to Business Cases - PDR	02/01/2012
D20-003	ENV and cross-TA Awareness and Training Material	semiannually
D21-004	ENV and cross-TA Training and Coaching	semiannually

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16.06.05

Project Human Performance support and coordination function

Code	Deliverable Name	
D01-009	Project Execution Plan (PEP) and Progress Reports	quarterly
D02-002	SESAR HP Management System (HPMS) Policy and Principles	03/03/2012
D03-003	HP and Cross-TA Assessments Management Plans	30/11/2012
D04-002	Regulatory Interface Reviews	04/12/2012
D05-002	HP and Cross-TA Output Communication and Outreach	17/01/2012
D06-003	SESAR HP Reference Material	15/12/2012
D07-002	Report on the support to Projects HP Assessments	03/06/2012
D08-003	Cross-TA Common Baseline and Assumptions	30/11/2012
D09-003	Cross-TA Register of Data	15/12/2012
D10-003	Cross-TA Project and Package Impacts / Benefits Mechanisms	30/11/2012
D11-002	Report on HP Reviews for SEMP (for Steps 1, 2 and 3)	18/03/2012
D17-	Interim Performance Based Operations (Step 3) HP Cases and Contributions to Business Cases - PDR	15/12/2012
D20-002	HP and cross-TA Awareness and Training Material	01/03/2012
D21-002	HP and cross-TA Training and Coaching	01/05/2012
D23-002	Report on the applicability of P16.05.01-04 outputs to meet 16.06.05 requirements	semiannually

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16.06.06

Project Business Case Maintenance, support and coordination

Code	Deliverable Name	
D01-009	P16.06.06 Project Management Plans & Reports	quarterly
D02-003	SCF - SESAR Business Case & CBA Process Specification	06/12/2012
D03-003	SCF - Cross TA Management Plan (including Business Case & CBA Management Plan, integrated cross-TA Assessment ToR & Plan, SEMP Integration Plan; SWP16.06 Business Case & CBA R&D Monitoring & Recommendations)	06/12/2012
D04-002	SCF - Regulatory Interface Reviews	07/09/2012
D05-003	SCF - CBA, Business Case and Cross-TA Output Communication and Outreach	15/12/2012

D06-003	SESAR Business Case and CBA Reference Material	21/12/2012
D07-002	Report on the support to Projects BC & CBA Assessments, including Front Office Operation	07/03/2012
D08-003	Common Baseline and Assumptions	06/12/2012
D09-003	Cross-TA Register	15/12/2012
D10-003	Project and Package Impacts / Benefits Mechanisms	06/12/2012
D11-003	Report on CBA and Business Case Reviews for SEMP (for Steps 1, 2 and 3)	21/12/2012
D17-	Interim Performance-Based Operations (Step 3) CBA and Business Cases - PDR	15/12/2012
D20-002	Cross-TA, CBA and Business Case Awareness and Training Material	07/03/2012
D21-002	Cross-TA, CBA and Business Case Training and Coaching	07/03/2012
D22-002	Validated improvements to BC & CBA practices	07/03/2012

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B.04.01

Project Development & maintenance of the ATM performance and business aspects of the European ATM Enterprise Architecture

Code	Deliverable Name	Project
D02-	ATM Business Model Version 1	01/01/2012
D04-	Review Comments on ATM Business Model 1st Draft	01/01/2012
D05-	Review Comments on ATM Business Model Version 1	01/01/2012
D08-	Initial set of EAEA views	01/01/2012
D18-	Methodology for Allocating Performance Targets and Requirements	01/01/2012
D20-	Review Comments on initial EAEA views	01/01/2012
D21-	Review Comments on initial targets and performance requirements	01/01/2012
D22-	Review Comments on Draft Methodology for allocating Performance Targets and Requirements	01/01/2012
D23-	Review Comments on Refined Methodology for allocating Performance Targets and Requirements	01/01/2012

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B.04.03

Project Development of the high level logical system architecture (SOA) and the technical system architecture (SoS)

Code	Deliverable Name	Project
D36-	ADD for Step 1 and for step 2-3 2012	31/12/2012

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B.05

Project Performance Analysis of ATM Target Concept

Code	Deliverable Name	Project
D08-	Requirements for Performance Data Repository	17/06/2012
D11-	Refined Influence Models/Benefit Mechanisms Ed1	17/03/2012
D18-	Gap Analysis and Recommendations for STEP 1 (Ed1 & Ed2)	17/01/2012

Mgt Green - Approved

C.00

Project Global Co-ordination & Management

Code	Deliverable Name	Project
D02-004	The periodic Progress and Coordination Reports for WPC	01/06/2012
D02-005	The periodic Progress and Coordination Reports for WPC	01/12/2012
D04-010	WPC RIO Report, containing risks, issues and opportunities to be send to SJU	quarterly
D05-002	WPC Annual Report	01/06/2012

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C.01

Project Administrate ATM Master Plan Updates

Code	Deliverable Name	Project
D01-006	Project management reports	quarterly
D02-002	Process specifications and guidance material	31/03/2012
D03-002	Supporting material for updated ATM Risk management for each Master Plan update campaign	31/10/2012
D04-002	Scoping and Planning before each Master Plan update campaign	31/10/2012

D05-001	ATM Master Plan Update Report to the SJU providing a summary of the update (campaign) process, approval issues etc.	31/03/2012
D06-001	Material for consultation and decision support if/when applicable (optional).	31/07/2012
D07-001	Proposed ATM Master Plan document (level1)	31/03/2012
D08-001	ATM Master Plan document published after endorsement- format and number of copies to be determined during initiation phase.	30/09/2012
D09-001	Strategic Guidance in support of the execution of the European ATM Master Plan	30/09/2012
D10-001	Proposed e-ATM Master information reflecting the proposed Master Plan document, delivered to SJU for endorsement. This deliverable will represent as well a milestone (gate) for the project.	31/03/2012
D11-001	Updated e-ATM Master Plan after endorsement. It will provide electronic access to each successive version of the Master Plan including the initial version as a source of reference for the definition phase and the last agreed version.	30/09/2012

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C.02

Project Deployment/Performance planning and reporting

Project Code	Deliverable Name	Project
D04-	Specific Financial Incentives per stakeholder group per selected Deployment Packages	15/02/2012
D05-001	Deployment Scenarios - Outlook (pan-European regional and national) per stakeholder group	17/10/2012
D06-002	European Deployment Plan for Short/Medium Term Scenario (pan-European, Regional and National) per stakeholder group	31/07/2012
D09-002	Contribution from T3.2 WP B interface to M6	10/12/2012
D10-002	Contribution from T3.3 16.6.6 interface to M6	10/12/2012
D11-002	Contribution from T3.4 C3 interface to M6/M9	10/12/2012
D12-001	Contribution from T3.5 C1 Campaign to M6/M9 consistency	30/03/2012
D13-002	Contribution from T3.6 SESAR PGM/SEMP interface to M6	10/12/2012
D14-002	Contribution from T3.7 Non EU States coordination to C1 Campaign contribution to M6/M9	10/12/2012
D15-005	Quarterly reports	30/03/2012
D15-006	Quarterly reports	30/06/2012
D15-007	Quarterly reports	30/09/2012
D15-008	Quarterly reports	30/12/2012
D65-	ESSIP Report for 2011	01/06/2012

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C.03

Project Maintain Standardisation and Regulatory Roadmaps

Project Code	Deliverable Name	Project
D04-002	List of Standardisation Activities	11/07/2012
D05-001	Standardisation Roadmap	18/05/2012
D06-001	The Standards Development Plan	01/11/2012
D07-002	List of Regulatory Activities	01/08/2012
D08-001	Regulatory Roadmap	18/05/2012
D09-001	Regulatory Development Plan	28/07/2012
D10-001	Monitoring Progress Reports - Standardisation	03/02/2012
D12-	Standardisation Roadmap Development and Maintenance Process (Review)	29/01/2012
D14-	Regulatory Roadmap Development and Maintenance Process (Review)	29/01/2012