Edition 2.0
Edition date: 14/02/2011
Reference nr: EUROCONTROL-SPEC-146
ISBN: 978-2-87497-030-6

EUROCONTROL Specifications

EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP)

EUROCONTROL

EUROPEAN ORGANISATION
FOR THE SAFETY OF AIR NAVIGATION

EUROCONTROL

EUROCONTROL Specification for the Electronic Aeronautical Information Publication (eAIP)

SPECIFICATION DOCUMENT IDENTIFIER: EUROCONTROL-SPEC- 0146

Edition Number	**:**	**2.0**
Edition Date	**:**	**14 February 2011**
Status	**:**	**Released**
Intended for	**:**	**General Public**
Category	**:**	**EUROCONTROL Specification**

EUROPEAN AIR TRAFFIC MANAGEMENT PROGRAMME

DOCUMENT IDENTIFICATION SHEET

DOCUMENT DESCRIPTION		
Document Title EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP)		
Document Identifier EUROCONTROL-SPEC-0146	**Edition Number :**	2.0
	Edition Date :	14 February 2011

Abstract

This document is the EUROCONTROL Specification, developed under the EUROCONTROL Regulatory and Advisory Framework (ERAF), for the electronic Aeronautical Information Publication (eAIP). The Specification is designed to enable the harmonised visualisation of the contents of the AIP, which has to be provided by the national Aeronautical Information Services (AIS) in accordance with the Convention on Civil Aviation, in electronic form. The objective is to define a specification that could be associated with the interoperability implementing rule on the quality of aeronautical data and information developed in accordance with the interoperability Regulation in the framework of the Single European Sky.

Keywords

eAIP	Specification	Interoperability	AIP
SES	AIS	AIM	ADQ
Implementing Rule	Means of Compliance		

Contact Person:	Manfred UNTERREINER	**Tel:**	+32 2 729 3038	**Unit:**	DSS/REG/ SES

DOCUMENT STATUS AND TYPE					
Status		**Intended for**		**Category**	
Working Draft	☐	General Public	☑	EUROCONTROL Rule	☐
Draft	☐	Restricted	☐	EUROCONTROL Specification	☑
Proposed Issue	☐	EUROCONTROL	☐	EUROCONTROL Guideline	☐
Released Issue	☑				

ELECTRONIC SOURCE		
Path : SES Unit Filing		
Host System	**Software**	**Size**
Microsoft Windows XP	Microsoft Word	**Kb** 5494

COPYRIGHT NOTICE

© 2011 The European Organisation for the Safety of Air Navigation (EUROCONTROL).

This document is published by EUROCONTROL for information purposes. It may be copied in whole or in part, provided that EUROCONTROL is mentioned as the source and to the extent justified by the non-commercial use (not for sale). The information in this document may not be modified without prior written permission from EUROCONTROL.

DOCUMENT APPROVAL

The following table identifies all management authorities who have successively approved the present issue of this document.

AUTHORITY	NAME AND SIGNATURE	DATE
Authors DSR/CMN/IM	Mr. Eduard POROSNICU Mr. Guido BEELEN	15/02/2011 15/02/2011
Activity Manager DSS/REG/SES	Mr. Manfred UNTERREINER	21/02/2011
Director Single Sky	Mr. Ian MIDDLETON	28/02/2011
On behalf of the Director General by special delegation Principal Director ATM	Mr. Bo REDEBORN	1/3/11

DOCUMENT CHANGE RECORD

The following table records the complete history of the successive editions of the present document.

Edition Number	Edition Date	Reason for Change	Pages Affected
0.1	09/04/09	Initial draft version.	All
0.2	13/07/09	Version for first review.	All
0.3	10/08/09	Updated following EUROCONTROL review.	All
0.4	12/08/09	Updated to address comments received during further review.	All
0.5	08/09/09	Updated following review.	All
0.6	09/10/09	Updated following EUROCONTROL review.	All
0.7	21/10/09	Updated following review meeting.	All
0.8	09/11/09	Updated following further technical clarification.	All
2.0	14/02/11	Released version following ENPRM consultation process and extended internal review.	All

CONTENTS

DOCUMENT IDENTIFICATION SHEET II
DOCUMENT APPROVAL IV
EXECUTIVE SUMMARY VIII
1. INTRODUCTION 9
1.1 Purpose 9
1.2 Background 9
1.3 Scope 10
1.4 Conventions 11
1.5 Document Structure 12
1.6 Relationship with other Documents 13
1.7 Abbreviations and Definitions 14
1.8 Interoperability Target 14
1.9 Responsible Unit 15
2. THE eAIP SPECIFICATION 16
2.1 General 16
3. TESTING AND VERIFICATION 18
4. TRANSITION/COEXISTENCE ISSUES 19
5. TRACEABILITY TO REGULATORY PROVISIONS 20
5.1 Implementation Conformance Statements (ICS) 20
5.2 Traceability to ADQ IR 20
6. LIST OF REFERENCES 22
6.1 Description of References 22
6.2 Primary References 22
6.3 Associated References 22
ANNEX A (NORMATIVE) SPECIFICATION OF eAIP REQUIREMENTS 23
A.1 INTRODUCTION 23
A.2 CONFIGURATION CONTROL 24
A.3 eAIP VISUALISATION REQUIREMENTS 24
ANNEX B CONFORMITY MATERIAL 75
ANNEX C TRACEABILITY TO REGULATORY PROVISIONS 98
C.1 Traceability Between Regulatory Provisions and EUROCONTROL Specification for the Electronic Aeronautical Publication (eAIP) 98
ANNEX D EXAMPLE PRODUCTION PROCESS 104
ANNEX E SPECIFICATION UPDATE PROCEDURES 106
E.1 ENPRM Process 106
E.2 Update Process 107

ANNEX F ABBREVIATIONS 108

ANNEX G DEFINITIONS 110

List of Tables

Table 1: Implementation Conformance Statement 97
Table 2: Abbreviations 109
Table 3: Definitions 111

List of Figures

Figure 1: Relationship of the eAIP Specification to Other Documents 13
Figure 2 - eAIP Window 26
Figure 3 – Start Search Window 28
Figure 4 – Search Results Window 29
Figure 5 - eAIP History Page 30
Figure 6 – Currently Effective eAIP 31
Figure 7 – eAIP Next Issues 32
Figure 8 – eAIP Expired Issues (Archives) 33
Figure 9 - Cover Page 35
Figure 10 – Commands Pane 38
Figure 11 – AIP Table of Contents 48
Figure 12 - AMDT Table of Contents 51
Figure 13 – SUPs Table of Contents 54
Figure 14 – AICs Table of Contents 57
Figure 15 – eAIP Content 60
Figure 16 – AIP Content Amendments 63
Figure 17 – AMDT Content 65
Figure 18 – AIP SUP Content 67
Figure 19 – AIC Content 70
Figure 20 – Default eAIP Production Process 104
Figure 21 – Alternative eAIP Production Process 105

EXECUTIVE SUMMARY

This document is the EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP).

An initial, informal eAIP Hypertext Markup Language (HTML) specification was originally developed and included in the documentation for version 1.1.0 of the eAIP specification which was released by EUROCONTROL in 2006. This informal specification was not subject to any formal consultation or acceptance process. To support the Aeronautical Data Quality Implementing Rule (ADQ IR), the relevant requirements were extracted from the previous, informal eAIP specification documentation and expanded. They were the subject of a formal consultation and acceptance process, the EUROCONTROL Proposed Notice of Rule Making (ENPRM) consultation process. These formal and expanded Specification Requirements are included in this document – the EUROCONTROL Specification for the eAIP.

EUROCONTROL Specifications are used, most notably, as Means of Compliance (MoC) to specific Single European Sky (SES) regulatory material. They may be developed as stand-alone documents in support of EUROCONTROL Member States and stakeholders. The development of EUROCONTROL Specifications to subsequently become Community Specifications in support of SES regulatory material is carried out following a request from the European Commission.

This Specification is designed to enable the harmonised visualisation of the contents of the Aeronautical Information Publication (AIP), which has to be provided by the national Aeronautical Information Services (AIS) in accordance with the Convention on International Civil Aviation, in electronic form. This Specification concerns the presentation of the eAIP only, and requirements associated with how the eAIP is produced, exchanged and provided are excluded from this Specification.

1. INTRODUCTION

1.1 Purpose

1.1.1 This EUROCONTROL[1] Specification for the electronic Aeronautical Information Publication (eAIP) specifies how Aeronautical Information Services (AIS) providers can ensure that all aeronautical data and aeronautical information within the Aeronautical Information Publications (AIPs), AIP Amendments (AMDTs), AIP Supplements (SUPs) and Aeronautical Information Circulars (AICs) provided by a Member State are made available to the next intended user, as a minimum, in a way that allows the content and format of those documents to be directly readable on a computer screen.

1.1.2 The term eAIP refers to the AIP in electronic form so that it may be visualised on a computer screen. It does not imply that its contents are provided in a manner that they may be automatically extracted into a computer system.

1.1.3 This Specification is intended to provide requirements for the presentation of the eAIP only, and requirements associated with how the eAIP is produced, exchanged and provided are excluded from this Specification.

1.1.4 This Specification is developed to complement the Single European Sky (SES) interoperability implementing rule on the quality of aeronautical data and information (hereinafter called the Aeronautical Data Quality Implementing Rule (ADQ IR)) [1][2].

1.1.5 This Specification is a direct means of compliance to Article 5(4)(b) of the ADQ IR, namely:

"Aeronautical information service providers shall ensure that all aeronautical data and aeronautical information within the AIPs, AIP amendments and AIP supplements provided by a Member State are made available to the next intended user, as a minimum:

(b) in a way that allows the content and format of the documents to be directly readable on a computer screen"

1.1.6 The EUROCONTROL Regulatory and Advisory Framework (ERAF)[3] has established the basis for the development of EUROCONTROL Specifications.

1.2 Background

1.2.1 An initial, informal eAIP Hypertext Markup Language (HTML) specification was originally developed and included in the documentation for version 1.1.0 of the eAIP specification which was released by EUROCONTROL in 2006. This

[1] EUROCONTROL is the European Organisation for the Safety of Air Navigation.
[2] References given in square brackets in this document refer to the list of documents in Section 6.
[3] EUROCONTROL Regulatory and Advisory Framework:
http://www.eurocontrol.int/enprm/public/standard_page/enprm04002.html

informal specification was not subject to any formal consultation or acceptance process.

1.2.2 The previous specification also covered the eAIP production process, including structure of a Document Type Definition (DTD), etc. These elements were considered inappropriate for inclusion in a EUROCONTROL Specification that is aimed at being a Means of Compliance (MoC) for Article 5(4)(b) of the ADQ IR [1]. To support the ADQ IR, the relevant Specification Requirements were extracted from the previous, informal eAIP specification documentation and expanded. They were the subject of a formal consultation and acceptance process, the EUROCONTROL Proposed Notice of Rule Making (ENPRM) consultation process. These formal and expanded Specification Requirements are included in this document – the EUROCONTROL Specification for the eAIP -, hereinafter referred to as the EUROCONTROL eAIP Specification. The term “eAIP Specification” has been retained because it has been in use since 2003. However, it has changed focus to consider the visualisation aspects only.

1.2.3 All other parts of the previous, informal eAIP specification, referred to in section 1.2.1 above, co-exist alongside this new EUROCONTROL eAIP Specification as part of the eAIP Toolbox, developed by EUROCONTROL to support eAIP production. This includes implementation and process elements.

1.3 Scope

1.3.1 This EUROCONTROL eAIP Specification defines detailed requirements and recommendations, explanatory materials and conformity assessment materials providing MoC associated with the ADQ IR [1], insofar as the ADQ IR calls for aeronautical data and aeronautical information within the AIPs, AMDTs and SUPs to be made available, as a minimum:

“in a way that allows the content and format of the documents to be directly readable on a computer screen”.

1.3.2 The scope of this document covers the visual presentation of the eAIP, including the AIP, AMDTs, SUPs and AICs (although AICs are excluded from the ADQ IR [1]). The AICs are an integral part of the IAIP and so requirements for these are included to ensure that this document provides an inclusive specification for the visualisation of the eAIP.

1.3.3 The presentation of charts, including the text on these, is excluded from the EUROCONTROL eAIP Specification. Charts need to comply with the International Civil Aviation Organisation’s (ICAO) Annex 4 [7].

1.3.4 The eAIP is not intended to support the Digital Notice to Airmen (NOTAM) process, as Digital NOTAM require a database of aeronautical information and are, therefore, not reliant on the eAIP.

1.3.5 The requirements for the MoC specified in this EUROCONTROL eAIP Specification are included in a normative Annex. They comprise mandatory requirements, as well as recommendations and optional elements, the implementation of the latter two being optional. See section 1.4 for further details.

1.3.6 Data quality requirements for the data provided in the eAIP are not covered by this EUROCONTROL eAIP Specification. However, these are included in other specifications supporting the ADQ IR [1]. See section 1.6 for further details.

1.3.7 This EUROCONTROL eAIP Specification also provides a list of the documents and standards defining the requirements for the implementers in order to achieve compliance with the Specification.

1.3.8 This EUROCONTROL eAIP Specification supports the achievement of certain performance requirements laid down in the interoperability Regulation [5], through the ADQ IR [1].

1.4 Conventions

1.4.1 A minimum subset of requirements necessary for the correct and harmonised implementation of the eAIP is specified. In addition, a number of recommendations are also made. Requirements (mandatory) within this EUROCONTROL eAIP Specification are clearly distinguished from recommendations (optional) and optional elements in a normative Annex, Annex A, and in the Conformity Material in Annex B.

1.4.2 Conventions for denoting requirements, recommendations and optional elements are as follows:

- '**Shall**' - indicates a statement of specification, the compliance with which is mandatory to achieve the implementation of the EUROCONTROL eAIP Specification. It indicates a requirement which must be satisfied by all systems claiming conformity to this EUROCONTROL eAIP Specification[4]. Such requirements shall be testable and their implementation auditable.

- '**Should**' - indicates a recommendation or best practice, which may or may not be satisfied by all systems claiming conformity to this Specification.

- '**May**' – indicates an optional element.

1.4.3 In Annex A, with the requirements, and in Annex B, in the Implementation Conformance Statement (ICS) templates the requirements are categorised as follows:

- "M" (Mandatory) for "shall" items;
- "O" (Optional) for "should" or "may" items;
- "C" (Conditional) items only apply when an optional parent requirement has been implemented. Conditional items provide more detailed requirements / optional elements about how the parent requirement is to be implemented

1.4.4 Every requirement and recommendation in this Specification is preceded by a structured identifier, which can be used to reference the

[4] A demonstration of conformity with this EUROCONTROL Specification will bring about a presumption of conformity to the regulatory provisions for which the Specification has been formally recognised as a MoC.

requirement/recommendation uniquely from associated documents and traceability tools. Such identifiers have the form:

eAIP-[Fn]-[nnn]

where:

[Fn]: is a sequence of characters to identify the functional area to which the requirement applies, e.g. “SRCH” for requirements related to the Search function;

[nnn]: is a numeric identifier for a sequence of requirements within the same functional area.

1.4.5 The functional areas referred to in Annex A are:

- GEN: General aspects of the eAIP;
- SRCH: The eAIP Search function;
- HIST: The History page of the eAIP;
- COV: The Cover page of the eAIP;
- MENU: The eAIP menu;
- AIPT: The AIP Table of Contents;
- AMDTT: The AMDT Table of Contents;
- SUPT: The SUP Table of Contents;
- AICT: The AIC Table of Contents;
- HELP: The Help facility;
- AIPC: The AIP content;
- AMDTC: The AMDT content;
- SUPC: The SUP content;
- AICC: The AIC Content;
- DIST: The distribution of the eAIP;
- CONF: The client configuration settings.

1.4.6 In the majority of cases, the requirements are at a high-level and apply to multiple sections and pages of the eAIP. However, in some cases, it has been necessary to specify requirements for specific sections of the eAIP, mainly where these are unique in their content or layout.

1.5 Document Structure

1.5.1 This EUROCONTROL eAIP Specification comprises the following Chapters and Annexes:

a) Chapter 1 includes introductory material relating to this EUROCONTROL eAIP Specification.

b) Chapter 2 introduces the eAIP.

c) Chapter 3 relates to testing and verification.

d) Chapter 4 describes transition/coexistence issues.

e) Chapter 5 describes the traceability to regulatory provisions.

f) Chapter 6 contains a list of reference documents.

g) Annex A provides a normative specification of eAIP requirements.

h) Annex B provides conformity material available for the MoC specified in this Specification.

i) Annex C details traceability to regulatory requirements.

j) Annex D provides an example eAIP production process.

k) Annex E provides an overview of the update procedures for this Specification.

l) Annex F provides the list of abbreviations used in this Specification.

m) Annex G provides the list of definitions for the terms used in this Specification.

1.6 Relationship with other Documents

1.6.1 The relationship between European Union (EU) Regulations, the ADQ IR [1] and other documents is represented in Figure 1.

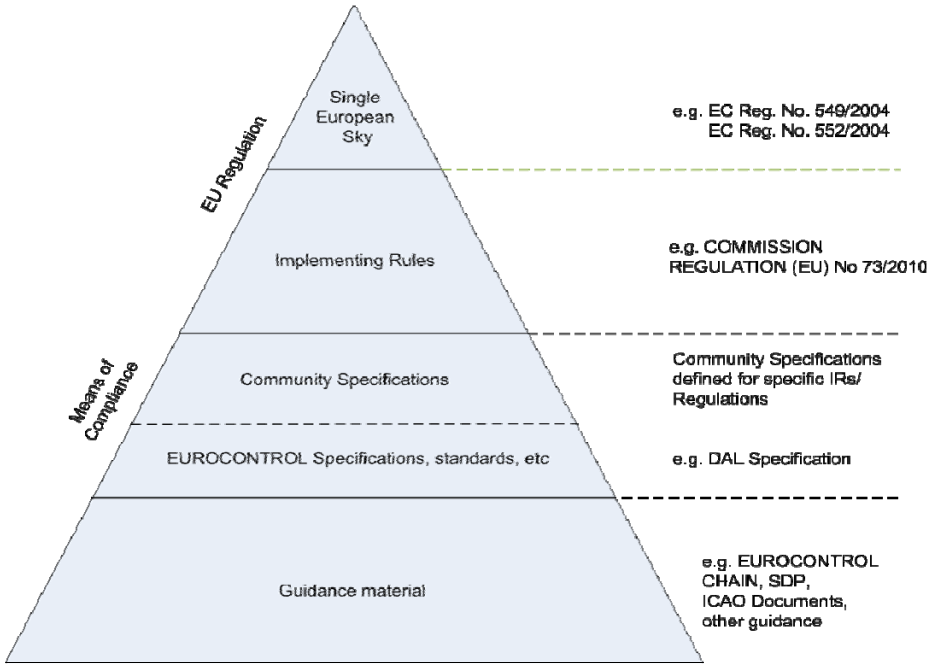


Figure 1: Relationship of the eAIP Specification to Other Documents

1.6.2 It should be noted that some generic quality requirements, such as data integrity, are not specifically addressed through this document. Nevertheless, these are covered by other EUROCONTROL Specifications being developed as proposed MoC for the ADQ IR [1].

1.7 Abbreviations and Definitions

1.7.1 Abbreviations

1.7.1.1 Refer to Annex F.

1.7.2 Definitions

1.7.2.1 Refer to Annex G.

1.8 Interoperability Target

1.8.1 This section describes the Interoperability Target. This is explanatory material providing a high level operational service environment definition that supports understanding of what is to be achieved.

1.8.2 To ensure seamless operation, interoperability requirements are defined at a number of distinct levels:

a) Geographical
For optimal efficiency, it is highly desirable that the eAIP is implemented and used across a wide contiguous area. The ADQ IR [1] is applicable throughout the European Air Traffic Management Network (EATMN), and it is highly desirable that Member States should adopt the same MoC.

b) Procedural
The AIS must operate in a consistent way to ensure a seamless service. Procedures are also needed for error reporting, measurement and corrective actions.

c) Human-machine interface (HMI)
The HMI must offer the required input capabilities and display the required information. However, human factors/ergonomics are outside the scope of this EUROCONTROL eAIP Specification.

d) End-to-end
The complete information chain, from data origination to the point when aeronautical data and/or aeronautical information are made available by the AIS provider to the next intended user.

1.8.3 ICAO Annex 15 [2] and its supporting guidance material, ICAO Doc 8126 [3], detail the content and structure of the State AIP. These are primarily based on the production of a paper document, although electronic provision of data is acknowledged. As AIS evolves to an automated environment, the AIP needs to be made available electronically.

1.8.4 The ADQ IR [1] addresses electronic data processes and provision of data, and it supplements and strengthens the requirements of ICAO Annex 15 [2] in order to:

a) ensure the implementation of provisions for assuring aeronautical data quality (accuracy, resolution and integrity);

b) describe the performance requirements for how data should be originated, transferred from one party to another, and how data should be automatically handled and processed. In particular, the provisions have to ensure achievement of the necessary levels of integrity, security and validation.

1.8.5 To enable the Interoperability Target to be reached for the eAIP, this EUROCONTROL eAIP Specification specifies MoC for the visualisation of the eAIP on a computer screen. It does not address the technical implementation of the requirements in this Specification.

1.8.6 This EUROCONTROL eAIP Specification defines specific MoC that address the interoperability issues with regards to the HMI of the eAIP.

1.8.7 References are made to external standards and documents maintained by other bodies. This is, in particular, related to the content of the eAIP based on ICAO Annex 15 [2].

1.8.8 The referenced standards are under various degrees of change control. This EUROCONTROL eAIP Specification references such change control mechanisms, as necessary, which are used by the bodies responsible for maintaining the referenced standards and documents.

1.8.9 It is recommended that where a State makes its eAIP available on the Internet, it complies with any national regulations / standards about the visualisation of information on a computer screen, such as those for disabled persons.

1.8.10 Consideration should be given to the W3C technical specifications and guidelines on web design and applications[5].

1.9 Responsible Unit

1.9.1 This EUROCONTROL eAIP Specification has been developed and is maintained by EUROCONTROL, through close interaction between the Single European Sky unit (DSS/REG/SES) and the System Wide Information Management/Enterprise Architecture unit (DSR/CMN/IM), in particular.

[5] See http://www.w3.org/ for more details.

2. THE eAIP SPECIFICATION

2.1 General

2.1.1 This section and Annex A.3 contain, respectively, explanatory material and requirements for the visualisation of the eAIP.

2.1.2 In the mid to late 1990s, the AIS of some European States began publishing their AIPs electronically. This move from the traditional paper-based environment of AIS was brought about by the start of the transition towards automated data processing and digital services. As a result of this move, EUROCONTROL developed a first eAIP specification, the intention of which was to help ensure that the eAIPs were harmonised. The eAIP allows the publication of the content of an AIP (including AMDTs, SUPs and AICs) in a structured electronic format. This format may be Extensible Markup Language (XML), HTML or Portable Document Format (PDF). These formats allow the production of a printed copy of the AIP and/or the visualisation of the AIP on a computer screen, using web technology.

2.1.3 In addition to the traditional means of viewing an eAIP (desktop or portable computer), further new means are being introduced, such as mobile devices with internet connections (electronic book readers, tablets, mobile phones, Personals Digital Assistants (PDAs), etc). These are becoming popular with the aviation community for viewing briefing information and making pre-flight checks. Therefore, the need to adhere to web standards is increasingly important in order to ensure that the eAIP functions correctly on different platforms[6].

2.1.4 The eAIP Specification, as referred to in 2.1.2 above, is fully compliant with the ICAO Annex 15 [2] requirements for the content and structure of the AIP. It also offers significant benefits for both the State producing the eAIP and for the end-user. For the user, these include:

a) increased usability, with ease of browsing, facilitated by the HTML technology (hot links, tool tips, etc.);

b) easily accessible - it can be made available to the whole group of users (no need to go to the library);

c) no maintenance effort (no time spent on page replacement at every amendment;

d) the ability to visualise changes (both in text and graphics);

e) proven authenticity of the document (if digitally signed by the issuing AIS);

f) no postal delays (if it is made available through fast electronic communication media which satisfy the security and reliability

[6] See www.w3.org for further details of HTML standards. See www.webstandards.org for further information about web standards.

requirements for AIS information distribution, as directed by ICAO and the ADQ IR);

g) may be easily archived.

2.1.5 Some of the advantages for the producers of the eAIP are:

a) improved AIP product, with the ability to produce derived products, such as Visual Flight Rules (VFR) Guides, Manuals or similar products supplied in response to user requirements;

b) HTML and PDF produced from the same source, increasing consistency;

c) may be easily archived and retrieved for each Aeronautical Information Regulation and Control (AIRAC) cycle, using electronic media;

d) the majority of users do not need to subscribe to paper amendments, thus reducing costs;

e) reduced need for internal copies. In many States, the copies of the AIP distributed internally in the national administration account for almost half of those produced and distributed;

f) easier to create integrated/regional AIPs.

3. TESTING AND VERIFICATION

3.1 To achieve compliance with the MoC detailed in this EUROCONTROL eAIP Specification, the mandatory requirements listed in Annex B should be implemented and conformance against these tested. A description of the tests could form part of the EU declaration of conformity.

4. TRANSITION/COEXISTENCE ISSUES

4.1 Traditionally, aeronautical information necessary to support international flight was made available, by States, by way of a manually typed document, the AIP. However, the importance of aeronautical information is now recognised as a core component of future Air Traffic Management (ATM) and the transition is underway from AIS to Aeronautical Information Management (AIM), from manual processes and paper-based products and services towards automated data processing and digital services. In this new environment, aeronautical data/information is maintained in digital form, from the point of origination through to the point of use, be it on-board an aircraft or in an ATM system, for example, and standardisation and interoperability play an important role. With this move, more and more States are publishing the State AIP electronically, with end users visualising most of the AIS information on computer screens.

4.2 The move towards electronic documents introduces new capabilities, such as fast search, hyperlinks, dynamic presentation of the changes in text and graphics, etc. This also comes with constraints, typically related to the page layout and the encoding format. Former paper document specifications need to be adapted to the new digital environment.

4.3 To reflect the transition from paper-based to electronic media, the eAIP provides the following functionality:

a) The comparison of previous and modified versions, where Amendments modify text;

b) The possible incorporation of links from disseminated versions, for example on CD, to NOTAM on live websites. (However, NOTAM themselves would not be appropriate for disseminated versions because of their transient nature);

c) The verification of effective dates for each section and, where possible, the source of the information;

d) The linking of cross-references within the body of the text;

e) The ability to scale and zoom in and out of charts. Configurable content may also be displayed.

5. TRACEABILITY TO REGULATORY PROVISIONS

5.1 Implementation Conformance Statements (ICS)

5.1.1 This EUROCONTROL eAIP Specification provides a MoC to SES regulatory material, and relevant conformity assessment materials are, therefore, described in Annex B. These include ICS templates, which allow the level of compliance with this Specification to be recorded.

5.1.2 The ICS templates are intended to support clear statements of:

a) conformity or non-conformity with the requirements ('shall' items only) of the Specification;

b) reasons or mitigations in the case of any declaration of non-conformity with the requirements ("shall" items only).

5.1.3 The ICS templates also allow the degree of conformity with recommended items ('should' statements) to be described.

5.1.4 Completed ICS can be used in support of the EU declaration of conformity and/or part of Technical File accompanying the EU declaration of verification.

5.2 Traceability to ADQ IR

5.2.1 The EATMN systems and parties to which the ADQ IR [1] requirements apply are categorised in Article 2(2) of the ADQ IR [1].

5.2.2 The subject matter to which the ADQ IR [1] applies is categorised in Article 1 of the ADQ IR [1].

5.2.3 The aeronautical data and aeronautical information which is of greatest relevance to this EUROCONTROL eAIP Specification is identified in Article 2(1)(a) of the ADQ IR [1] as:

- the integrated aeronautical information package (hereinafter IAIP) defined in Article 3 point (7) made available by Member States, with the exception of aeronautical information circulars.

5.2.4 However, the AICs are an integral part of the eAIP and so requirements for these are included to ensure that this document provides an inclusive specification for the visualisation of the eAIP.

5.2.5 The ADQ IR [1] Article 5(4) sets out data interchange requirements. Those of relevance to this EUROCONTROL eAIP Specification are:

- *Aeronautical information service providers shall ensure that all aeronautical data and aeronautical information within the AIPs, AIP amendments and AIP supplements provided by a Member State are made available to the next intended user, as a minimum:*

a) in accordance with the publication requirements identified in the ICAO standards referred to in Annex III points (4) and (8) (ICAO Annex 15, Chapters 4 and 6.2);
b) in a way that allows the content and format of the documents to be directly readable on a computer screen.

5.2.6 Annex C provides specific traceability tables between the ADQ IR [1] and the provisions of this EUROCONTROL eAIP Specification. It also provides high-level traceability to Annex 15 provisions related to the AIP.

6. LIST OF REFERENCES

6.1 Description of References

6.1.1 This EUROCONTROL eAIP Specification incorporates, by reference, a number of specifications and standards maintained by other bodies.

6.1.2 Primary references are those referred to in the requirements of this EUROCONTROL eAIP Specification, and which, therefore, constitute an integral part of this Specification.

6.1.3 Associated references are those standards and other documents that are referenced from recommendations or explanatory material and are, therefore, not essential for implementation.

6.2 Primary References

[1] Commission Regulation (EC) No. 73/2010, of 26 January 2010, laying down requirements on the quality of aeronautical data and aeronautical information for the single European sky, OJL 23/6 (27.01.2010).

[2] ICAO Annex 15 to the Chicago Convention — Aeronautical Information Services (Thirteenth Edition – July 2010, incorporating Amendment 36 (Effective 12/07/2010))[7].

[3] ICAO Doc 8126 – Aeronautical Information Services Manual, Sixth Edition, 2003.

[4] ISO 639- Codes for the representation of names of languages.

6.3 Associated References

[5] Commission Regulation (EC) No 549/2004 of the European Parliament and of the Council of 10 March 2004 laying down the framework for the creation of the single European sky (the framework regulation), OJL 96/1, 31.3.2004, as amended by Commission Regulation (EC) No 1070/2009 of 21 October 2009.

[6] Commission Regulation (EC) No 552/2004 of the European Parliament and of the Council of 10 March 2004 on the interoperability of the European Air Traffic Management network (the interoperability Regulation), OJL 96/26, 31.3.2004, as amended by Commission Regulation (EC) No 1070/2009 of 21 October 2009.

[7] ICAO Convention on International Civil Aviation, Annex 4 — Aeronautical Charts, Tenth Edition – July 2001.

[8] ICAO Doc 8400, ICAO Abbreviations and Codes, Seventh Edition, 2007.

[7] The ADQ Regulation is based on ICAO Annex 15 to the Chicago Convention – Aeronautical Information Services (Twelfth Edition – July 2004, incorporating Amendment No 34). However, the latest edition of ICAO Annex 15 was used to develop this EUROCONTROL eAIP Specification.

ANNEX A (NORMATIVE) SPECIFICATION OF eAIP REQUIREMENTS

A.1 INTRODUCTION

As detailed in section 1.4, the conventions for denoting requirements, recommendations and optional elements in this Annex are as follows:

- '**Shall**' - indicates a statement of specification, the compliance with which is mandatory to achieve the implementation of the EUROCONTROL eAIP Specification. It indicates a requirement that must be satisfied by all systems claiming conformity to this EUROCONTROL eAIP Specification[8]. Such requirements shall be testable and their implementation auditable.
- '**Should**' - indicates a recommendation or best practice, which may or may not be satisfied by all systems claiming conformity to this Specification.
- '**May**' – indicates an optional element.

[8] A demonstration of conformity with this EUROCONTROL Specification will bring about a presumption of conformity to regulatory provisions for which the Specification has been formally recognised as a MoC.

A.2 CONFIGURATION CONTROL

A.2.1 MoC ELEMENT IDENTIFICATION

MoC_Name	MoC_ID	MoC_Edition
EUROCONTROL Specification for the Electronic Aeronautical Information Publication	EUROCONTROL-SPEC-0146	2.0

A.2.2 MoC ELEMENT CHANGE RECORD

The following table records the complete history of the successive editions of MoC specifications.

Specification Document Identifier	Edition Number	Edition Date	Reason for Change	Sections Affected
EUROCONTROL-SPEC-0146	2.0	14/02/11	Initial specification release	All

A.2.3 MoC ELEMENT TRACEABILITY TOWARDS REGULATORY PROVISIONS

The following table records the traceability history of regulatory provisions associated with this MoC element.

Specification Document Identifier	Edition Number	Implementing Rule References	References to Regulatory Provisions	Validation Date
EUROCONTROL-SPEC-0146	2.0	ADQ IR [1]	Article 5(4)	

A.2.4 MoC ELEMENT TRACEABILITY TOWARDS INTERNATIONAL STANDARDS

The following table records the traceability of international standards associated with this MoC element.

International standards identification	References to text parts used to derive MoC specifications	Standards text incorporated by reference into the MoC element
ICAO Annex 15		Chapter 4 – Aeronautical Information Publications (AIP)

A.3 eAIP VISUALISATION REQUIREMENTS

Note: This Annex presents the EUROCONTROL specification for the eAIP *requirements for the visualisation and functionality of the AIP in electronic form. The requirements adhere to the ICAO Annex 15 [2] requirements for:*

a) The structure and layout of the AIP;

b) The AIRAC cycle requirements;

c) The indication of amendments (alterations, additions and deletions) to the AIP in the last AIRAC cycle.

A.3.1 General

Figure 2 below reflects the general requirements associated with the display of the eAIP.

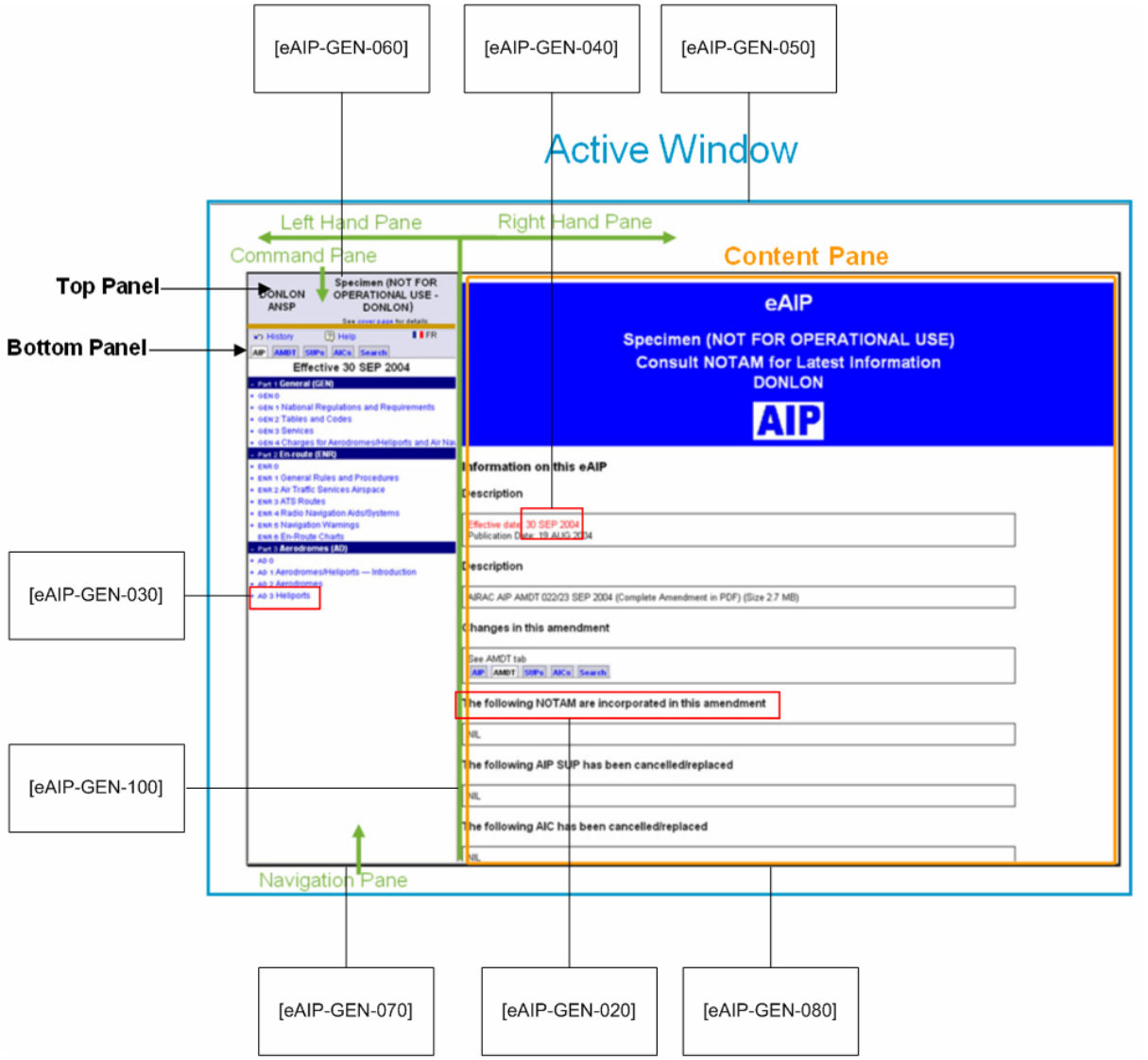


Figure 2 - eAIP Window

[eAIP-GEN-010]	Unless otherwise stated for specific elements, all eAIP text, including headings, shall be displayed in black (RGB: Hexadecimal Value: 000000) text on a white (RGB Hexadecimal Value: ffffff) background.	M
[eAIP-GEN-020]	Unlinked eAIP text shall be black (RGB Hexadecimal Value: 000000).	M
[eAIP-GEN-030]	A link in the menu shall be displayed in a manner which is based on the settings of the client's browser.	M

[eAIP-GEN-040]	Dates shall be displayed in the format DD MMM YYYY, for example, 12 JUN 2009.	M
[eAIP-GEN-050]	The eAIP shall be displayed in a window consisting of three panes, the Commands pane, the Navigation pane and the Content pane.	M
[eAIP-GEN-060]	The Commands pane of the eAIP window shall contain the eAIP menu, comprising two panels, the top panel and the bottom panel.	M
[eAIP-GEN-070]	The Navigation pane of the eAIP window shall contain the navigation menu for the eAIP.	M
[eAIP-GEN-080]	The Content pane of the eAIP window shall contain the cover page for the eAIP when the eAIP is initially opened.	M
[eAIP-GEN-090]	The Content pane of the eAIP window shall contain the relevant content of the eAIP when selected by the user in the Navigation pane.	M
[eAIP-GEN-100]	The user shall be able to change the ratios occupied by the left-hand and right-hand panes of the eAIP window by moving the splitter.	M
[eAIP-GEN-110]	Scrollbars shall be made available in the Navigation pane when the content exceeds the size of the pane, to allow the user to view all the content.	M
[eAIP-GEN-120]	The information content of an eAIP and paper AIP, with the same effective dates, shall be the same.	M
[eAIP-GEN-130]	The most current update cycles applicable to AIP amendments and AIP supplements shall be made publicly available via the eAIP.	M

A.3.2 Search Facility

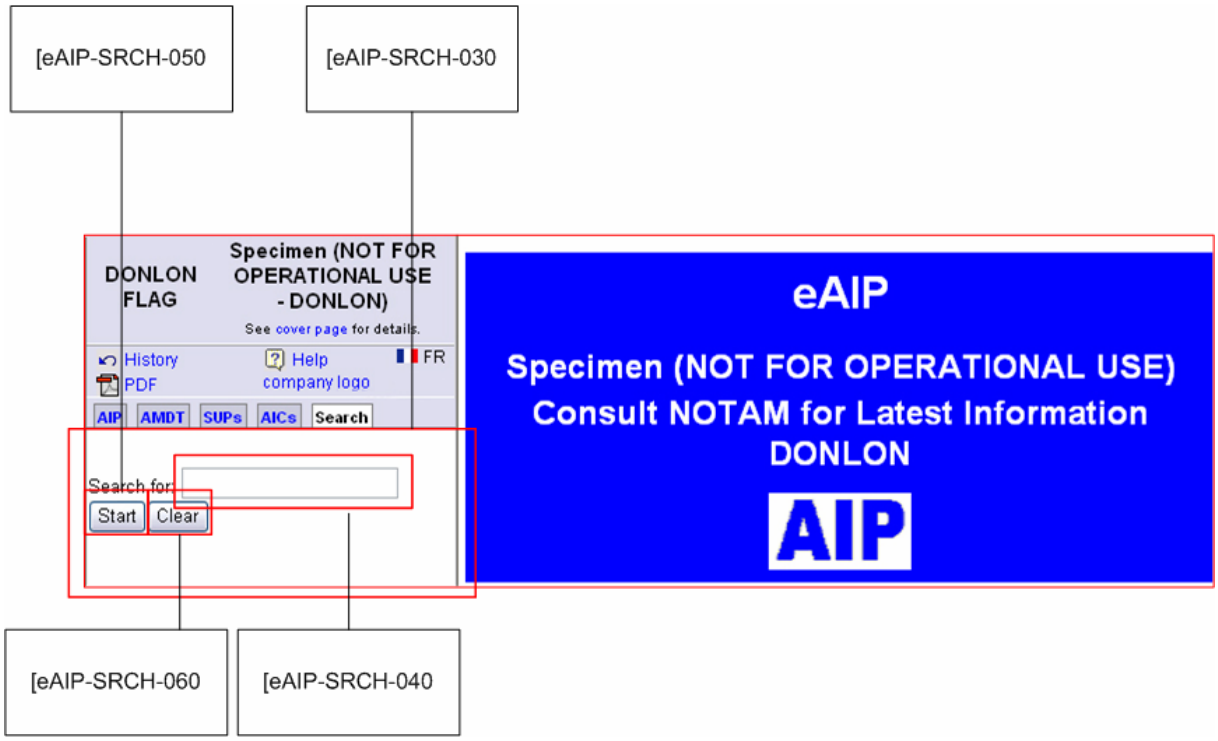


Figure 3 – Start Search Window

[eAIP-SRCH-010]	The Search facility should be platform-independent. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-020]	The Search facility should be independent of the distribution means employed. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-030]	When launched, a Search page should appear in the Navigation pane. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-040]	The search facility should have a “Search for” edit box in which the user may type the sequence of characters to be found. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-050]	The Search page should have a Start button. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-060]	The Search page should have a Clear button to clear the content of the “Search for” edit box. *Parent requirement: [eAIP-MENU-230]*	C

A.3.2.1Search Results

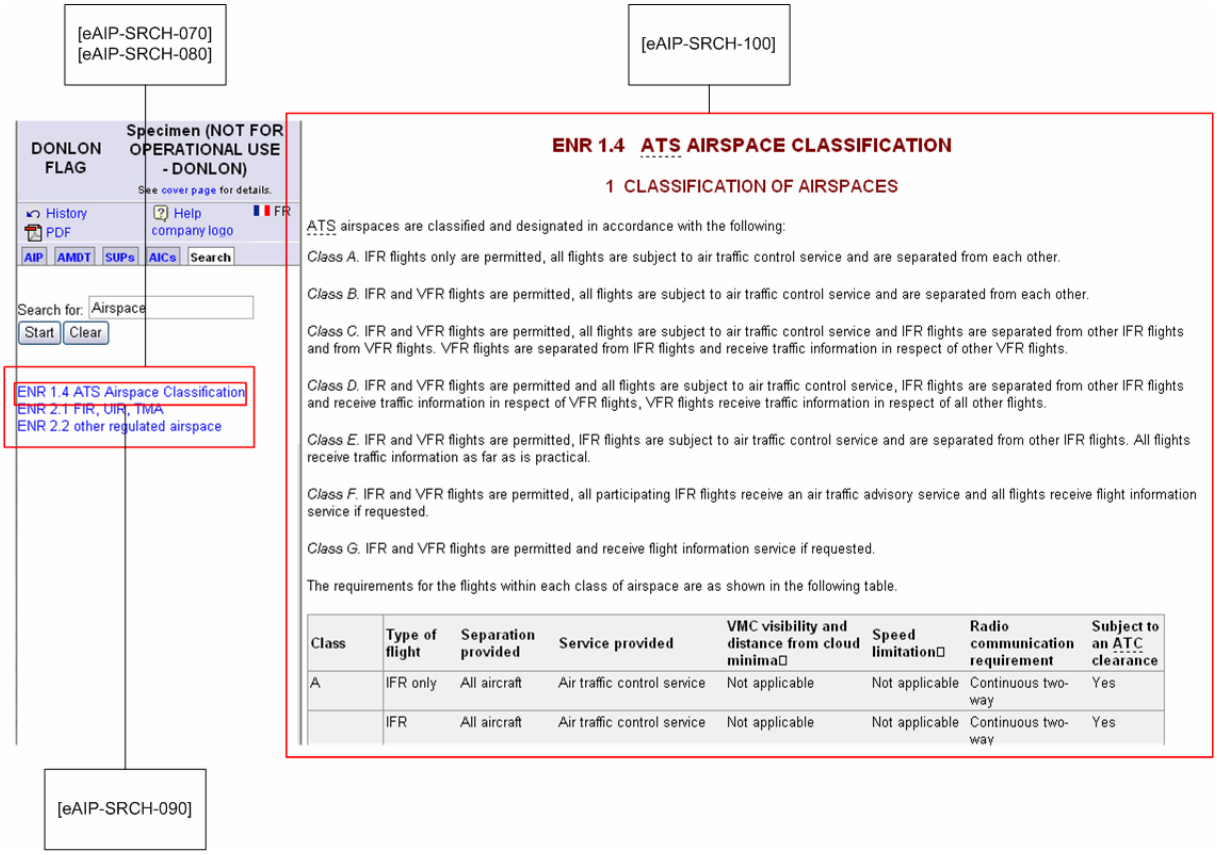


Figure 4 – Search Results Window

[eAIP-SRCH-070]	When the user clicks the Search button, the search facility should return the results in the Navigation pane. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-080]	There should be an entry in the Navigation pane, for each instance found. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-090]	Each result entry in the Navigation pane should be a link. *Parent requirement: [eAIP-MENU-230]*	C
[eAIP-SRCH-100]	If the user clicks the entry link in the Navigation pane, that part of the eAIP should be displayed in the Content pane of the eAIP window. *Parent requirement: [eAIP-MENU-230]*	C

A.3.3 eAIP History Page

A.3.3.1General

Figure 5 below reflects the requirements associated with the display of the eAIP History page.

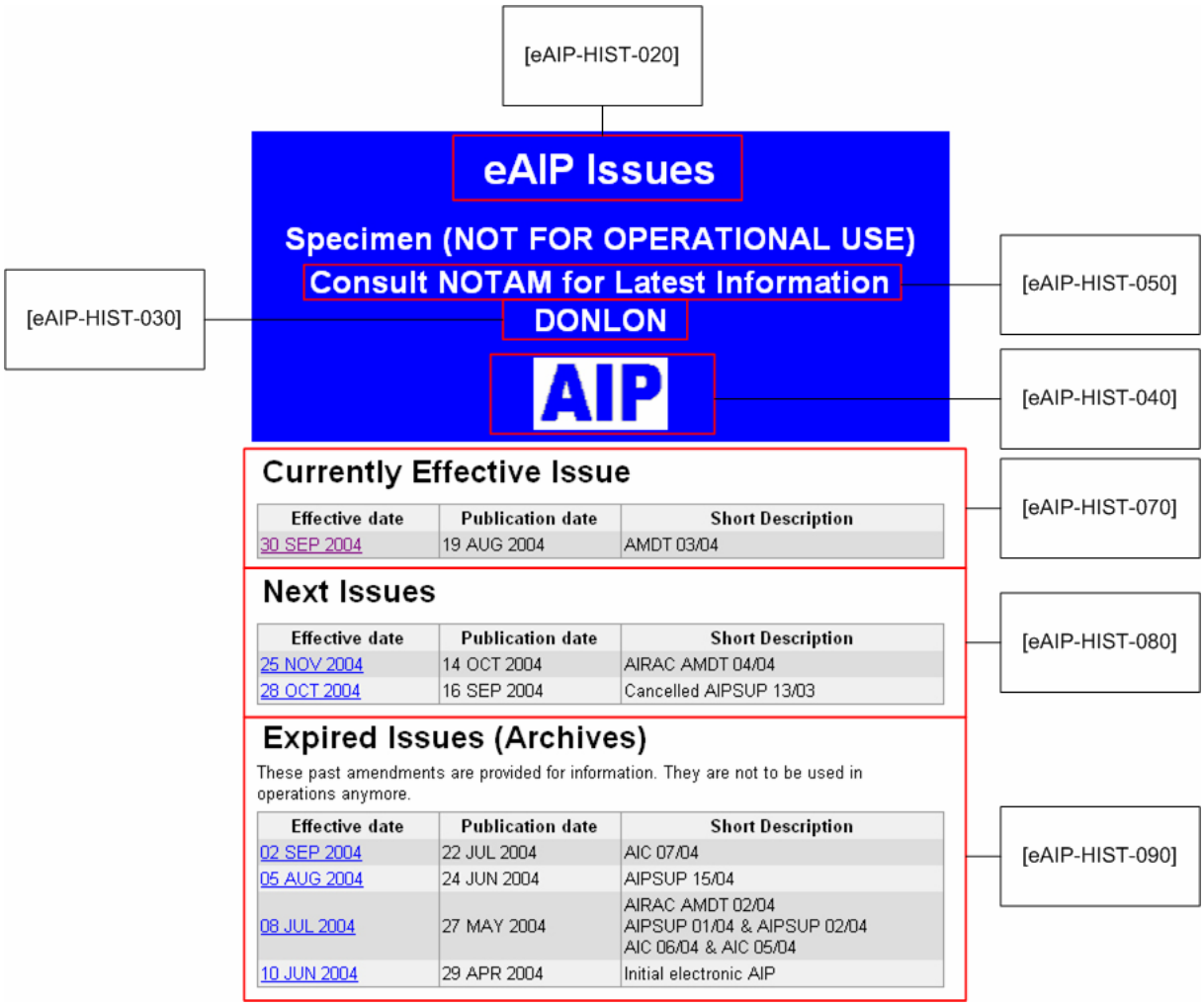


Figure 5 - eAIP History Page

[eAIP-HIST-010]	A static eAIP History page may be provided on media used to disseminate the eAIP.	O
[eAIP-HIST-020]	The eAIP History page shall have the title ‘eAIP Issues'. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-030]	The eAIP History page shall indicate which State has issued the eAIP. *Parent requirement: [eAIP-HIST-010]*	C

[eAIP-HIST-040]	The eAIP History page may include the logo of the organisation responsible for publishing the eAIP. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-050]	The eAIP History page shall advise the user to consult NOTAM for the latest information. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-060]	The eAIP History page shall provide the name of the organisation responsible for publishing the eAIP. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-070]	The eAIP History page shall include a currently effective eAIP section. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-080]	The eAIP History page should include a Next Issues section. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-HIST-090]	The eAIP History page should include an Expired Issues (Archives) section. *Parent requirement: [eAIP-HIST-010]*	C

A.3.3.2 Currently Effective Section

Figure 6 below reflects the requirements associated with the display of the Currently Effective section of the eAIP History page.

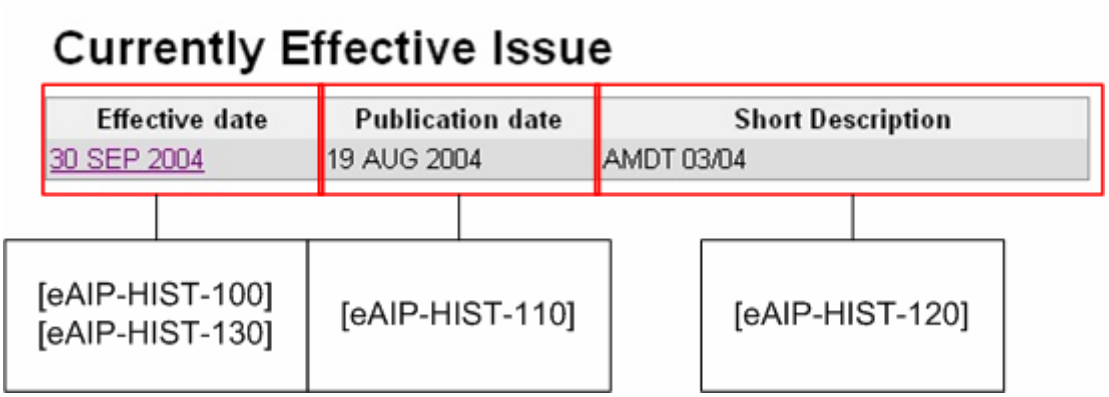


Figure 6 – Currently Effective eAIP

[eAIP-HIST-100]	On the eAIP History page, the Currently Effective Issue section shall contain a table with an Effective Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C

[eAIP-HIST-110]	On the eAIP History page, the Currently Effective Issue section shall contain a table with a Publication Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C
[eAIP-HIST-120]	On the eAIP History page, the Currently Effective Issue section shall contain a table with a Short Description column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C
[eAIP-HIST-130]	In the Currently Effective Issue section of the eAIP History page, the date in the Effective Date column of the table, shall be a link. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C
[eAIP-HIST-140]	In the Currently Effective Issue section of the eAIP History page, the Effective Date link shall be to the eAIP with the Effective Date in the table. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C
[eAIP-HIST-150]	In the Currently Effective Issue section of the eAIP History page, when the link is clicked, the cover page of the eAIP with the relevant Effective Date shall open in the currently open and active window. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-070]*	C

A.3.3.3Next Issues Section

Figure 7 below reflects the requirements associated with the display of the Next Issues section of the eAIP History page.

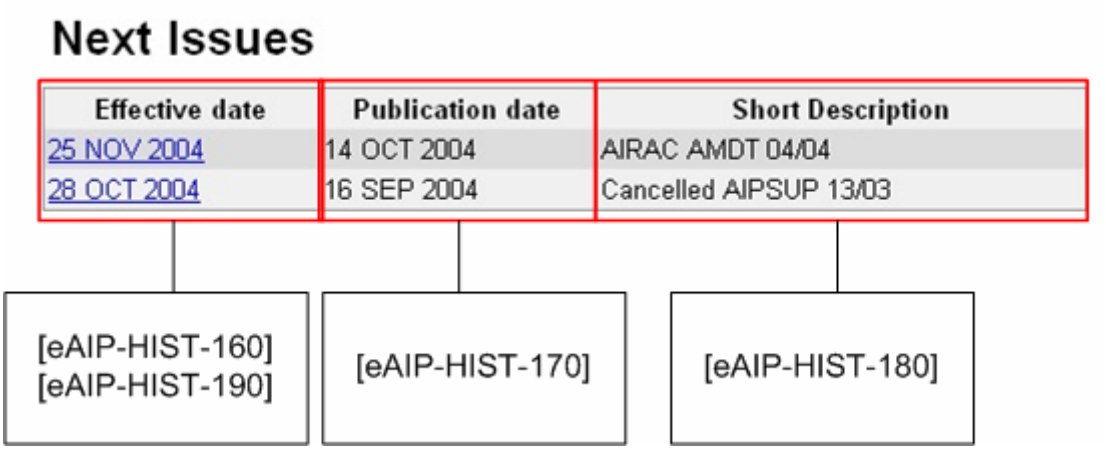


Figure 7 – eAIP Next Issues

[eAIP-HIST-160]	On the eAIP History page, the Next Issues section shall contain a table with an Effective Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C
[eAIP-HIST-170]	On the eAIP History page, the Next Issues section shall contain a table with a Publication Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C
[eAIP-HIST-180]	On the eAIP History page, the Next Issues section shall contain a table with a Short Description column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C
[eAIP-HIST-190]	In the Next Issues section of the eAIP History page, the date in the Effective Date column of the table, shall be a link. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C
[eAIP-HIST-200]	In the Next Issues section of the eAIP History page, the Effective Date link shall be to the eAIP with the Effective Date in the table. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C
[eAIP-HIST-210]	In the Next Issues section of the eAIP History page, when the link is clicked, the cover page of the eAIP with the relevant Effective Date that has been finalised and approved for publication, shall open in the currently open and active window. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-080]*	C

A.3.3.4Expired Issues (Archives) Section

Figure 8 below reflects the requirements associated with the display of the Expired Issues (Archives) section of the eAIP History page.

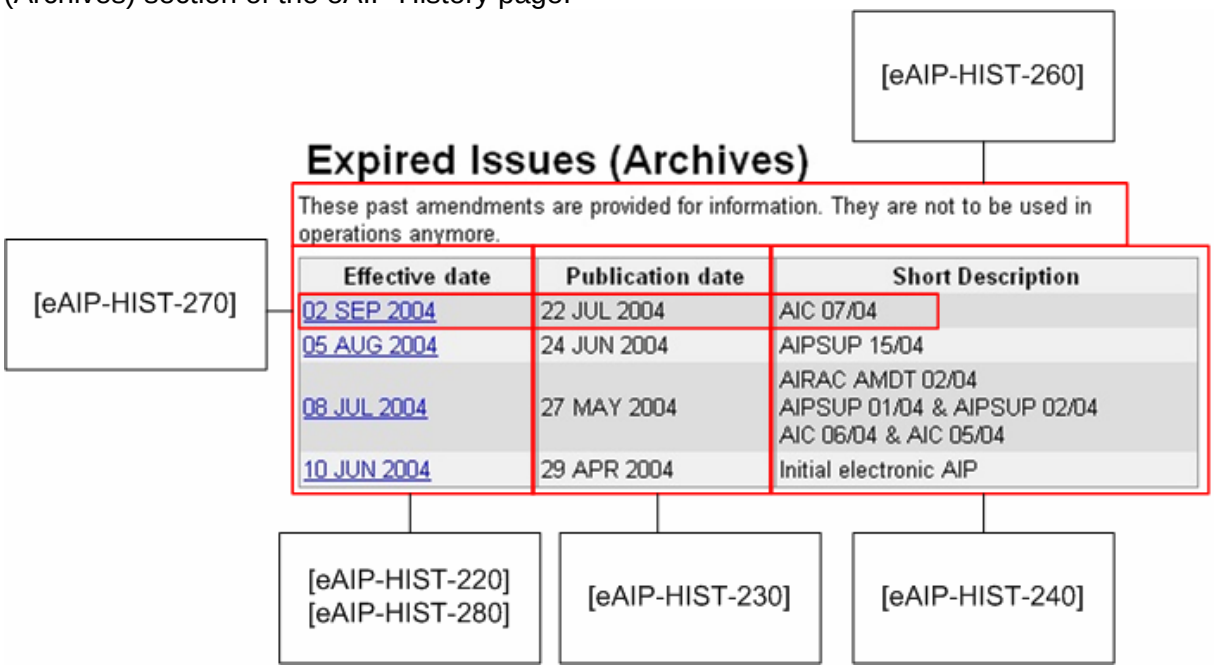


Figure 8 – eAIP Expired Issues (Archives)

[eAIP-HIST-220]	On the eAIP History page, the Expired Issues (Archives) section shall contain a table with an Effective Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-230]	On the eAIP History page, the Expired Issues (Archives) section shall contain a table with a Publication Date column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-240]	On the eAIP History page, the Expired Issues (Archives) section shall contain a table with a Short Description column. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-250]	On the eAIP History page, the Expired Issues table shall contain expired issues of the eAIP. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-260]	On the eAIP History page, the Expired Issues (Archives) section shall contain a warning that these past amendments are provided for information purposes and are not be used operationally. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-270]	On the eAIP History page, the Expired Issues table shall contain a record for each expired issue listed. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-280]	In the Expired Issues (Archives) section of the eAIP History page, the date in the Effective Date column of the table shall be a link. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-290]	In the Expired Issues (Archives) section of the eAIP History page, the Effective Date link shall be to the eAIP with the Effective Date in the table. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C
[eAIP-HIST-300]	In the Expired Issues (Archives) section of the eAIP History page, when the link is clicked, the cover page of the eAIP with the relevant Effective Date shall open in the currently open and active window. *Parent requirements: [eAIP-HIST-010] and [eAIP-HIST-090]*	C

A.3.4 Cover Page

Figure 9 below reflects the requirements associated with the display of the eAIP Cover Page.

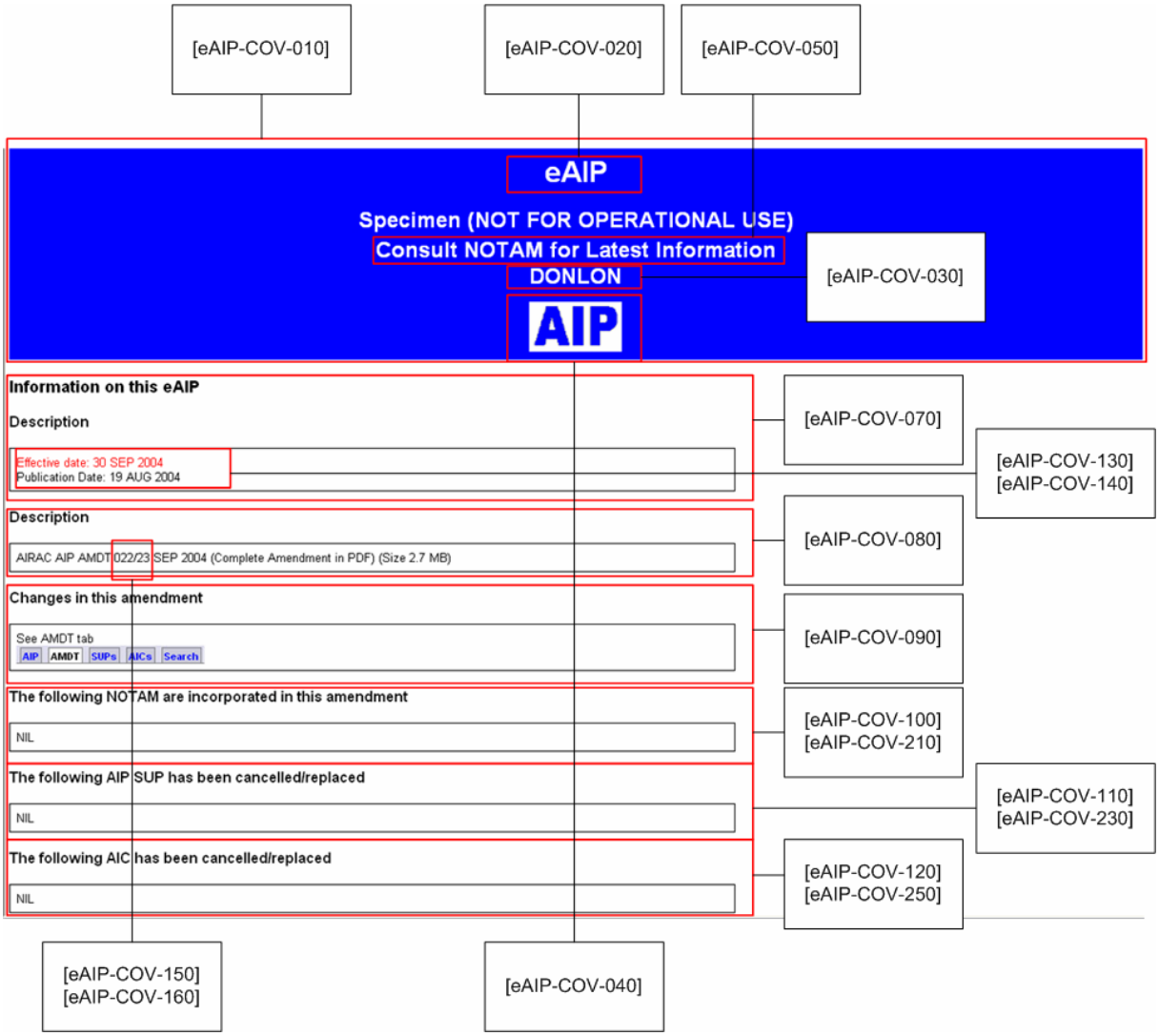


Figure 9 - Cover Page

[eAIP-COV-010]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) shall have a header.	M
[eAIP-COV-020]	When an eAIP is first opened, the header of the Content pane of the eAIP window (cover page) shall have a title indicating that it is an eAIP.	M
[eAIP-COV-030]	When an eAIP is first opened, the header of the Content pane of the eAIP window (cover page) shall indicate for which State the eAIP is.	M

[eAIP-COV-040]	When an eAIP is first opened, the header of the Content pane of the eAIP window (cover page) may contain the logo of the publishing organisation.	O
[eAIP-COV-050]	When an eAIP is first opened, the header of the Content pane of the eAIP window (cover page) shall contain a warning that NOTAM should be consulted for the latest information.	M
[eAIP-COV-060]	When an eAIP is first opened, the header of the Content pane of the eAIP window (cover page) shall contain the name of the publishing organisation.	M
[eAIP-COV-070]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain an “Information on this eAIP Package” section.	O
[eAIP-COV-080]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain a “Description” section.	O
[eAIP-COV-090]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain a “Changes in this Amendment” section.	O
[eAIP-COV-100]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain a “NOTAM incorporated in this Amendment” section.	O
[eAIP-COV-110]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain a “Cancelled / replaced AIP SUP” section.	O
[eAIP-COV-120]	When an eAIP is first opened, the Content pane of the eAIP window (cover page) should contain a “Cancelled / replaced AIC” section.	O
[eAIP-COV-130]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Information on this eAIP Package” section should include the Effective date of the eAIP.	O
[eAIP-COV-140]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Information on this eAIP Package” section should include the Publication date of the eAIP.	O
[eAIP-COV-150]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Description” section should include the AIRAC AIP Amendment number.	O
[eAIP-COV-160]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Description” section should include the AIP Amendment number.	O

[eAIP-COV-170]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Description” section should include an entry for each active SUP, with its number.	O
[eAIP-COV-180]	When an eAIP is first opened, the “Description” section in the Content pane of the eAIP window (cover page) may include the headline for each active SUP entry.	O
[eAIP-COV-190]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the “Description” section should include an entry for each active AIC, with its number.	O
[eAIP-COV-200]	When an eAIP is first opened, the “Description” section in the Content pane of the eAIP window (cover page) may include the headline for each active AIC entry.	O
[eAIP-COV-210]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the NOTAM section should list the series/number of all PERM NOTAM incorporated in this eAIP package.	O
[eAIP-COV-220]	When an eAIP is first opened, the “Description” section in the Content pane of the eAIP window (cover page) may include the headline for each active PERM NOTAM entry.	O
[eAIP-COV-230]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the SUPs section should list the numbers of any SUPs cancelled or replaced.	O
[eAIP-COV-240]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the SUPs section may list the headlines of any SUPs cancelled or replaced.	O
[eAIP-COV-250]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the AIC section should list the numbers of AIC cancelled or replaced.	O
[eAIP-COV-260]	When an eAIP is first opened, in the Content pane of the eAIP window (cover page), the AIC section may list the headlines of AIC cancelled or replaced.	O

A.3.5 Commands Pane

Figure 10 below reflects the requirements associated with the display of the Commands Pane.

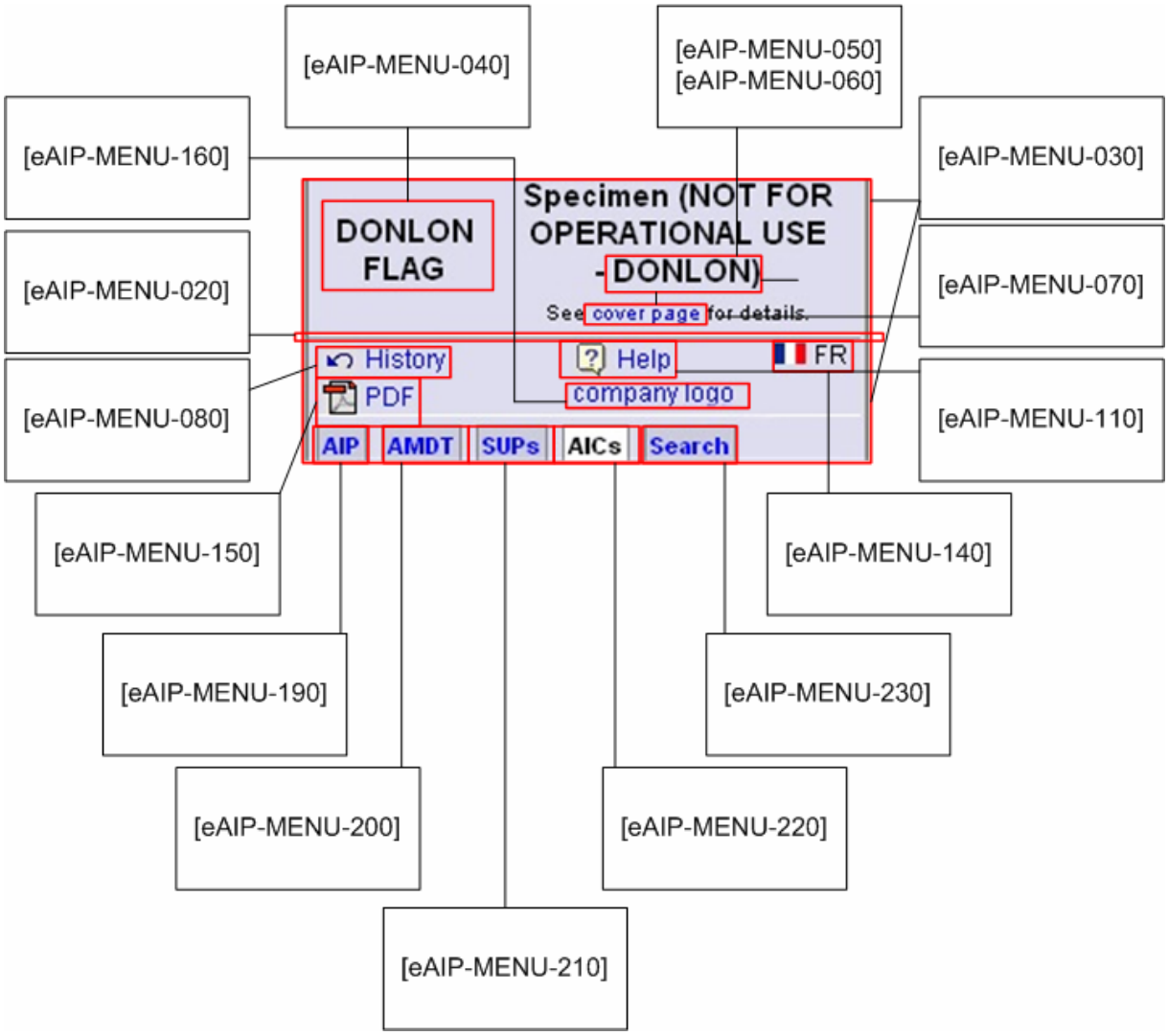


Figure 10 – Commands Pane

[eAIP-MENU-010]	On the eAIP window, the menu shall be situated in the Commands pane, above the Navigation pane for the AIP, AMDTs, SUPs and AICs, and the Search page.	M
[eAIP-MENU-020]	On the eAIP window, the Commands pane shall be split by a horizontal line, dividing the Command pane into a top and bottom panel.	M
[eAIP-MENU-030]	On the eAIP window, the background colour of the panels on the Commands pane shall be grey (RGB Hexadecimal Value: cfcfdf).	M

[eAIP-MENU-040]	On the eAIP window, the top panel of the Commands pane may contain the logo of the publishing organisation or the national flag of the State.	O
[eAIP-MENU-050]	On the eAIP window, the top panel of the Commands pane shall contain the name of the State.	M
[eAIP-MENU-060]	On the eAIP window, the name of the State in the top panel of the Commands pane shall be in black (RGB Hexadecimal Value: 000000) text.	M
[eAIP-MENU-070]	On the eAIP window, the top panel of the Commands pane shall contain a link to the eAIP cover page.	M
[eAIP-MENU-080]	On the eAIP window, the bottom panel of the Commands pane shall contain a link to the eAIP history page. *Parent requirement: [eAIP-HIST-010]*	C
[eAIP-MENU-090]	On the eAIP window, the bottom panel of the Commands pane may contain a drop-down list of eAIPs available, listed by their effective date.	O
[eAIP-MENU-100]	In the Commands pane of the eAIP window, selecting from the drop-down list of eAIPs available, shall open the cover page of the selected eAIP in the Content pane of the eAIP window. *Parent requirement: [eAIP-MENU-090]*	C
[eAIP-MENU-110]	On the eAIP window, the bottom panel of the Commands pane shall contain a link to a help facility.	M
[eAIP-MENU-120]	The eAIP shall be made available in at least the English language.	M
[eAIP-MENU-130]	The eAIP may be made available in other languages, in addition to English.	O
[eAIP-MENU-140]	On the eAIP window, the bottom panel of the Commands pane shall contain a link for each other language the eAIP is provided in. *Parent requirement: [eAIP-MENU-130]*	C
[eAIP-MENU-150]	On the eAIP window, the bottom panel of the Commands pane may contain a link to the current section or document in PDF format.	O
[eAIP-MENU-160]	On the eAIP window, the bottom panel of the Commands pane may contain a link to the website of the publishing organisation.	O
[eAIP-MENU-170]	On the eAIP window, the bottom panel of the Commands pane may contain a link to enable the user to submit feedback on the eAIP.	O

[eAIP-MENU-180]	From the Commands pane on the eAIP window, feedback may be made through direct email contact or through a feedback form. *Parent requirement: [eAIP-MENU-170]*	C
[eAIP-MENU-190]	On the eAIP window, the Commands pane shall contain an “AIP - AIP Table of Contents” tabbed page.	M
[eAIP-MENU-200]	On the eAIP window, the Commands pane shall contain an “AMDT - List of Changes” tabbed page.	M
[eAIP-MENU-210]	On the eAIP window, the Commands pane shall contain a “SUPs - List of AIP Supplements” tabbed page.	M
[eAIP-MENU-220]	On the eAIP window, the Commands pane shall contain an “AICs - List of Circulars” tabbed page.	M
[eAIP-MENU-230]	On the eAIP window, the Commands pane should contain a “Search” tabbed page.	O

A.3.5.1 eAIP History Link

[eAIP-MENU-240]	On the eAIP window, the link to the eAIP history page in the Commands pane shall be titled 'History' or the translation of this word, based on the language in which the eAIP is being viewed. *Parent requirements: [eAIP-HIST-010] and [eAIP-MENU-080]*	C
[eAIP-MENU-250]	On the eAIP window, the link to the eAIP history page in the Commands pane shall display an icon. *Parent requirements: [eAIP-HIST-010] and [eAIP-MENU-080]*	C
[eAIP-MENU-260]	On the eAIP window, clicking on the 'History' link in the Commands pane shall open the eAIP History page in the active window. *Parent requirements: [eAIP-HIST-010] and [eAIP-MENU-080]*	C
[eAIP-MENU-270]	On the eAIP window, clicking on the 'History' icon in the Commands pane shall open the eAIP History page in the active window. *Parent requirements: [eAIP-HIST-010] and [eAIP-MENU-080]*	C

Note

Please see A.3.3 for more details regarding the functionality of the eAIP History page.

A.3.5.2 Help Link

[eAIP-MENU-280]	On the eAIP window, the link to the eAIP help page in the Commands pane shall be titled 'Help' or the translation of this word, based on the language in which the eAIP is being viewed.	M

[eAIP-MENU-290]	On the eAIP window, the link to the eAIP help page in the Commands pane shall display a logo or image or icon.	M
[eAIP-MENU-300]	On the eAIP window, clicking on the Help link on the Commands pane shall open the eAIP Help page in Content pane of the eAIP window.	M
[eAIP-MENU-310]	On the eAIP window, clicking on the Help logo or image or icon in the Commands pane shall open the eAIP Help page in the Content pane of the eAIP window.	M

Note

Please see A.3.10 for more details regarding the functionality of the eAIP Help.

A.3.5.3Language Link

[eAIP-MENU-320]	On the eAIP window, the link in the Commands pane to the eAIP in a particular language shall have the abbreviated ISO language code as the title (see ISO-639 - Codes for the representation of names of languages [4]). *Parent requirement: [eAIP-MENU-130]*	C
[eAIP-MENU-330]	On the eAIP window in the Commands pane, the language code shall be displayed in black (RGB Hexadecimal Value: 000000) for the currently selected language. *Parent requirement: [eAIP-MENU-130]*	C
[eAIP-MENU-340]	On the eAIP window in the Commands pane, the language code shall be displayed in light blue (RGB Hexadecimal Value: 0000ff) for the unselected languages. *Parent requirement: [eAIP-MENU-130]*	C
[eAIP-MENU-350]	On the eAIP window in the Commands pane, the national flag associated with the language shall be displayed next to the ISO language code. *Parent requirement: [eAIP-MENU-130]*	C
[eAIP-MENU-360]	On the eAIP window, clicking on the language code or national flag in the Commands pane, shall open the currently selected section, in that language, in the Content pane of the eAIP window. *Parent requirement: [eAIP-MENU-130]*	C

A.3.5.4PDF Link

[eAIP-MENU-370]	On the eAIP window in the Commands pane, the link to the current section or document in PDF format shall have 'PDF' as the title. *Parent requirement: [eAIP-MENU-150]*	C

[eAIP-MENU-380]	On the eAIP window in the Commands pane, the link to the current section or document in PDF should display the official Adobe® PDF icon. *Parent requirement: [eAIP-MENU-150]*	C
[eAIP-MENU-390]	The use of the official Adobe® PDF icon shall be in accordance with the Adobe® Permissions and Trademark Guidelines[9]. *Parent requirement: [eAIP-MENU-150]*	C
[eAIP-MENU-400]	On the eAIP window, clicking on 'PDF' in the Commands pane, shall open the current section or document in the Content pane of the eAIP window, in PDF format. *Parent requirement: [eAIP-MENU-150]*	C
[eAIP-MENU-410]	On the eAIP window, clicking on the PDF icon in the Commands pane, shall open the current section or document in the Content pane of the eAIP window, in PDF format. *Parent requirement: [eAIP-MENU-150]*	C

A.3.5.5 Website Link

[eAIP-MENU-420]	On the eAIP window in the bottom panel of the Commands pane, the link to the website of the publishing organisation shall have the name of that organisation. *Parent requirement: [eAIP-MENU-160]*	C
[eAIP-MENU-430]	On the eAIP window in the bottom panel of the Commands pane, the link to the website of the publishing organisation may also display the logo of that organisation. *Parent requirement: [eAIP-MENU-160]*	C
[eAIP-MENU-440]	On the eAIP window, clicking on the name of the organisation in the bottom panel of the Commands pane shall open the organisation's website, in a separate window. *Parent requirement: [eAIP-MENU-160]*	C
[eAIP-MENU-450]	On the eAIP window, clicking on the organisation's logo in the bottom panel of the Commands pane, shall open the organisation's website in a separate window. *Parent requirement: [eAIP-MENU-160] and [eAIP-MENU-430]*	C

A.3.5.6 AIP Tabbed Page

[eAIP-MENU-460]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP tabbed page shall be 'AIP'.	M

[9] See http://www.adobe.com/misc/linking.html for further details.

[eAIP-MENU-470]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP tabbed page shall be a link to the AIP table of contents.	M
[eAIP-MENU-480]	On the eAIP window, clicking on the title of the AIP tabbed page in the bottom panel of the Commands pane shall open the AIP table of contents in the Navigation pane below.	M
[eAIP-MENU-490]	On the eAIP window, in the bottom panel of the Commands pane, the AIP tab shall have a grey (RGB Hexadecimal Value: cfcfdf) background when it is unselected.	M
[eAIP-MENU-500]	On the eAIP window, in the bottom panel of the Commands pane, the AIP tabbed page shall have a white (RGB Hexadecimal Value: ffffff) background when it is selected.	M
[eAIP-MENU-510]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP tabbed page shall be in a black (RGB Hexadecimal Value: 000000) and bold font when the page is selected.	M
[eAIP-MENU-520]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP tabbed page shall be in a dark blue (RGB Hexadecimal Value: 0008b) and bold font when the page is unselected and has not previously been opened in the current session.	M
[eAIP-MENU-530]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP tabbed page shall be in a light blue (RGB Hexadecimal Value: 0000ff) and bold font when the page is unselected and has previously been opened in the current session.	M
[eAIP-MENU-540]	On the eAIP window, in the bottom panel of the Commands pane, when the AIP tab is selected, it shall have the appearance of being on top of the other tabbed pages.	M

A.3.5.7 AMDT Tabbed Page

[eAIP-MENU-550]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AMDT tabbed page shall be 'AMDT'.	M
[eAIP-MENU-560]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AMDT tabbed page shall be a link to the AMDT table of contents.	M
[eAIP-MENU-570]	On the eAIP window, clicking on the title of the AMDT tabbed page in the bottom panel of the Commands pane shall open the AMDT table of contents in the Navigation pane below.	M

[eAIP-MENU-580]	On the eAIP window, in the bottom panel of the Commands pane, the AMDT tab shall have a grey (RGB Hexadecimal Value: cfcfdf) background when it is unselected.	M
[eAIP-MENU-590]	On the eAIP window, in the bottom panel of the Commands pane, the AMDT tab shall have a white (RGB Hexadecimal Value: ffffff) background when it is selected.	M
[eAIP-MENU-600]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AMDT tabbed page shall be in a black (RGB Hexadecimal Value: 000000) and bold font when the page is selected.	M
[eAIP-MENU-610]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AMDT tabbed page text shall be in a dark blue (RGB Hexadecimal Value: 00008b) and bold font when the page is unselected and has not previously been opened in the current session.	M
[eAIP-MENU-620]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AMDT tabbed page shall be in a light blue (RGB Hexadecimal Value: 0000ff) and bold font when the page is unselected and has previously been opened in the current session.	M
[eAIP-MENU-630]	On the eAIP window, in the bottom panel of the Commands pane, when the AMDT tab is selected, it shall have the appearance of being on top of the other tabbed pages.	M

A.3.5.8 SUPs Tabbed Page

[eAIP-MENU-640]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AIP SUPs tabbed page shall be 'SUPs'.	M
[eAIP-MENU-650]	On the eAIP window, in the bottom panel of the Commands pane, the title of the SUPs tabbed page shall be a link to the SUPs table of contents.	M
[eAIP-MENU-660]	On the eAIP window, clicking on the title of the SUPs tabbed page in the bottom panel of the Commands pane shall open the SUPs table of contents in the Navigation pane below.	M
[eAIP-MENU-670]	On the eAIP window, in the bottom panel of the Commands pane, the SUPs tabbed page shall have a grey (RGB Hexadecimal Value: cfcfdf) background when it is unselected.	M
[eAIP-MENU-680]	On the eAIP window, in the bottom panel of the Commands pane, the SUPs tabbed page shall have a white (RGB Hexadecimal Value: ffffff) background when it is selected.	M

[eAIP-MENU-690]	On the eAIP window, in the bottom panel of the Commands pane, the title of the SUPs tabbed page shall be in a black (RGB Hexadecimal Value: 000000) and bold font when the page is selected.	M
[eAIP-MENU-700]	On the eAIP window, in the bottom panel of the Commands pane, the title of the SUPs tabbed page shall be in a dark blue (RGB Hexadecimal Value: 00008b) and bold font when the page is unselected and has not previously been opened in the current session.	M
[eAIP-MENU-710]	On the eAIP window, in the bottom panel of the Commands pane, the title of the SUPs tabbed page shall be in a light blue (RGB Hexadecimal Value: 0000ff) and bold font when the page is unselected and has previously been opened in the current session.	M
[eAIP-MENU-720]	On the eAIP window, in the bottom panel of the Commands pane, when the SUPs tab is selected, it shall have the appearance of being on top of the other tabbed pages.	M

A.3.5.9 AICs Tabbed Page

[eAIP-MENU-730]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AICs tabbed page shall be 'AICs'.	M
[eAIP-MENU-740]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AICs tabbed page shall be a link to the AICs table of contents.	M
[eAIP-MENU-750]	On the eAIP window, clicking on the title of the AICs tabbed page in the bottom panel of the Commands pane, shall open the AICs table of contents in the Navigation pane below.	M
[eAIP-MENU-760]	On the eAIP window, in the bottom panel of the Commands pane, the AICs tabbed page shall have a grey (RGB Hexadecimal Value: cfcfdf) background when it is unselected.	M
[eAIP-MENU-770]	On the eAIP window, in the bottom panel of the Commands pane, the AICs tabbed page shall have a white (RGB Hexadecimal Value: ffffff) background when it is selected.	M
[eAIP-MENU-780]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AICs tabbed page shall be in a black (RGB Hexadecimal Value: 000000) and bold font when the page is selected.	M
[eAIP-MENU-790]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AICs tabbed page shall be in a dark blue (RGB Hexadecimal Value: 00008b) and bold font when the page is unselected and has not previously been opened in the current session.	M

[eAIP-MENU-800]	On the eAIP window, in the bottom panel of the Commands pane, the title of the AICs tabbed page shall be in a light blue (RGB Hexadecimal Value: 0000ff) and bold font when the page is unselected and has previously been opened in the current session.	M
[eAIP-MENU-810]	On the eAIP window, in the bottom panel of the Commands pane, when the AICs tab is selected it shall have the appearance of being on top of the other tabbed pages.	M

A.3.5.10 Search Tabbed Page

[eAIP-MENU-820]	On the eAIP window, in the bottom panel of the Commands pane, the title of the Search tabbed page shall be 'Search'. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-830]	On the eAIP window, in the bottom panel of the Commands pane, the title of the Search tabbed page shall be a link to the Search facility. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-840]	On the eAIP window, clicking on the title of the Search tabbed page in the bottom panel of the Commands pane shall open the Search facility in the Navigation pane below. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-850]	On the eAIP window, in the bottom panel of the Commands pane, the Search tabbed page shall have a grey (RGB Hexadecimal Value: cfcfdf) background when it is unselected. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-860]	On the eAIP window, in the bottom panel of the Commands pane, the Search tabbed page shall have a white (RGB Hexadecimal Value: ffffff) background when it is selected. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-870]	On the eAIP window, in the bottom panel of the Commands pane, the title of the Search tabbed page shall be in a black (RGB Hexadecimal Value: 000000) and bold font when the page is selected. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-880]	On the eAIP window, in the bottom panel of the Commands pane, the title of the Search tabbed page shall be in a dark blue (RGB Hexadecimal Value: 00008b) and bold font when the page is unselected and has not previously been opened in the current session. *Parent requirement: [eAIP-MENU-230].*	C

[eAIP-MENU-890]	On the eAIP window, in the bottom panel of the Commands pane, the title of the Search tabbed page shall be in a light blue (RGB Hexadecimal Value: 0000ff) and bold font when the page is unselected and has previously been opened in the current session. *Parent requirement: [eAIP-MENU-230].*	C
[eAIP-MENU-900]	On the eAIP window, in the bottom panel of the Commands pane, when the Search tab is selected, it shall have the appearance of being on top of the other tabbed pages. *Parent requirement: [eAIP-MENU-230].*	C

A.3.6 AIP Table of Contents

Figure 11 below reflects the requirements associated with the display of the AIP Table of Contents.

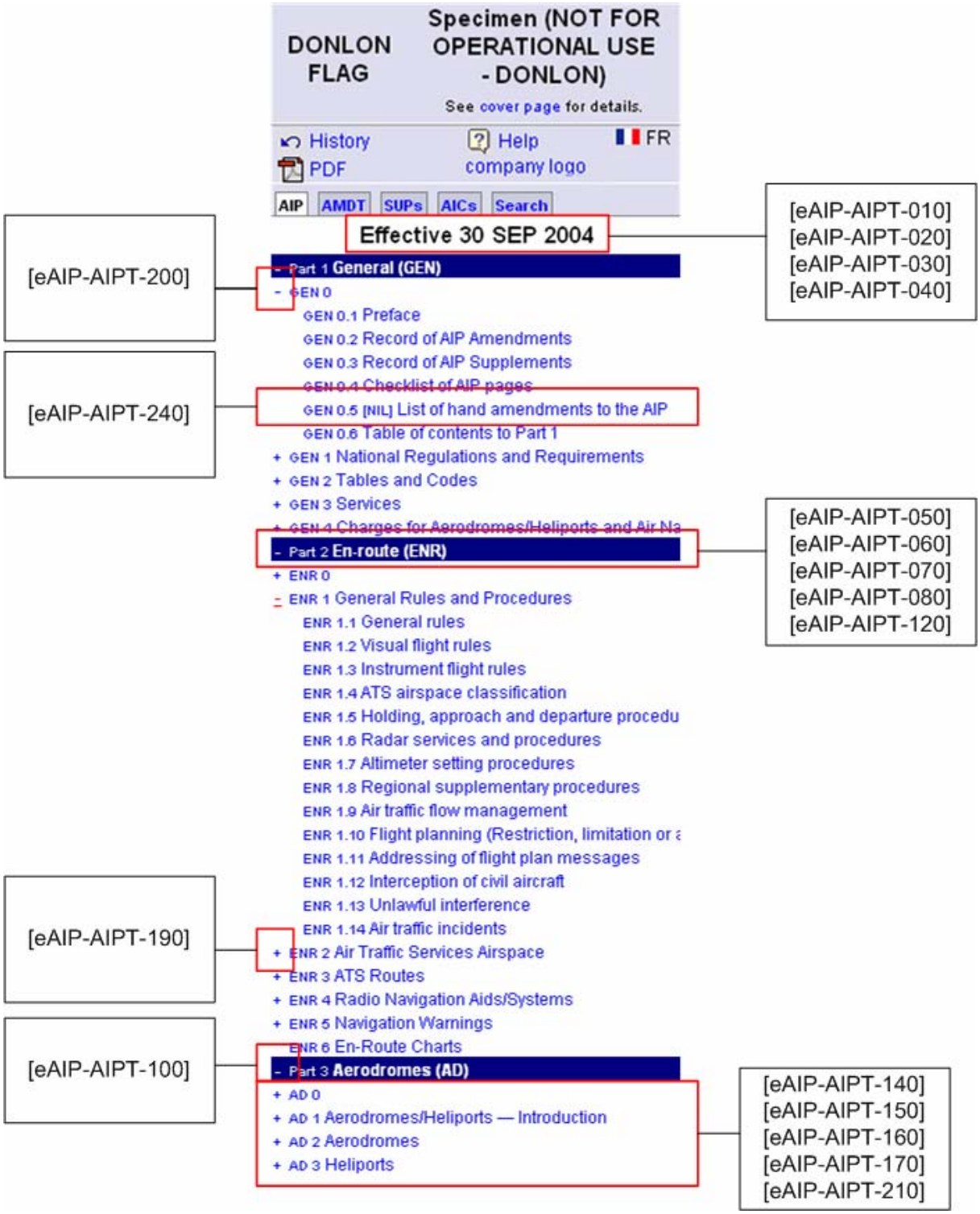


Figure 11 – AIP Table of Contents

[eAIP-AIPT-010]	In the Navigation pane of the eAIP window, the AIP table of contents shall indicate the effective date of the AIP.	M
[eAIP-AIPT-020]	In the Navigation pane of the eAIP window, the effective date of the AIP in the AIP table of contents shall be in black (RGB Hexadecimal Value: 000000).	M
[eAIP-AIPT-030]	In the Navigation pane of the eAIP window, the effective date of the AIP in the AIP table of contents shall be in bold type.	M
[eAIP-AIPT-040]	In the Navigation pane of the eAIP window, the font size of the effective date of the AIP in the AIP table of contents shall be 150% of the default font size.	M
[eAIP-AIPT-050]	In the Navigation pane of the eAIP window, the three parts of the AIP in the AIP table of contents shall be highlighted with dark blue headers (RGB Hexadecimal Value: 00008b).	M
[eAIP-AIPT-060]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the AIP part shall be in white text (RGB Hexadecimal Value: ffffff).	M
[eAIP-AIPT-070]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the AIP part shall contain the part number.	M
[eAIP-AIPT-080]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the AIP part shall also contain the name of the part, as given in the eAIP itself, in a bold text.	M
[eAIP-AIPT-090]	In the Navigation pane of the eAIP window, in the AIP table of contents, by default, the AIP part shall be expanded when the AIP table of contents is opened.	M
[eAIP-AIPT-100]	In the Navigation pane of the eAIP window, in the AIP table of contents, the part title shall have a minus sign ('-') next to it when expanded to allow for the AIP table of contents tree to be collapsed.	M
[eAIP-AIPT-110]	In the Navigation pane of the eAIP window, in the AIP table of contents, the part title shall have a plus sign ('+') next to it when collapsed to allow for the AIP table of contents tree to be expan-ded.	M
[eAIP-AIPT-120]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the part shall be a link.	M
[eAIP-AIPT-130]	In the Navigation pane of the eAIP window, in the AIP table of contents, clicking on the title of the part shall open section 0 of the relevant part in the Content pane of the eAIP window.	M

[eAIP-AIPT-140]	In the Navigation pane of the eAIP window, in the AIP table of contents, for each part, the table of contents shall list each chapter in the part.	M
[eAIP-AIPT-150]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the chapter shall be preceded by the name of the part.	M
[eAIP-AIPT-160]	In the Navigation pane of the eAIP window, in the AIP table of contents, the number of the chapter shall be included in the title of the chapter.	M
[eAIP-AIPT-170]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the chapter shall include a description of its contents, as laid out in ICAO Annex 15 [2], Appendix 1 and in ICAO Doc 8126 [3], Chapter 5 and its Appendix, and its Specimen AIP.	M
[eAIP-AIPT-180]	In the Navigation pane of the eAIP window, in the AIP table of contents, the chapters shall be collapsed in the AIP table of contents tree, by default.	M
[eAIP-AIPT-190]	In the Navigation pane of the eAIP window, in the AIP table of contents, the chapter title shall have a plus sign ('+') next to it when collapsed to allow for the AIP table of contents tree to be expanded.	M
[eAIP-AIPT-200]	In the Navigation pane of the eAIP window, in the AIP table of contents, the chapter title shall have a minus sign ('-') next to it when expanded to allow for the AIP table of contents tree to be collapsed.	M
[eAIP-AIPT-210]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of the chapter shall be a link.	M
[eAIP-AIPT-220]	In the Navigation pane of the eAIP window, in the AIP table of contents, clicking on the title of the chapter shall open the chapter in the Content pane of the eAIP window.	M
[eAIP-AIPT-230]	In the Navigation pane of the eAIP window, in the AIP table of contents, clicking on a collapsed part or chapter shall expand the part, or chapter.	M
[eAIP-AIPT-240]	In the Navigation pane of the eAIP window, in the AIP table of contents, the title of any NIL section shall be preceded by '[NIL]'.	M
[eAIP-AIPT-250]	In the Navigation pane of the eAIP window, in the AIP table of contents, eAIP pages for NIL sections shall have the word “NIL” under the section title.	M
[eAIP-AIPT-260]	When a NIL section is selected, the eAIP page displayed in Content pane of the eAIP window may contain additional supporting text.	O

[eAIP-AIPT-270]	The PDF format of a NIL section shall be available from the PDF link in the Commands pane, as for all other sections.	M

A.3.7 AMDT Table of Contents

Figure 12 below reflects the requirements associated with the display of the AMDT Table of Contents.



Figure 12 - AMDT Table of Contents

[eAIP-AMDTT-010]	In the Navigation pane of the eAIP window, the AMDT table of contents shall indicate the effective date of the AIP AMDT.	M
[eAIP-AMDTT-020]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the effective date shall be in black (RGB Hexadecimal Value: 000000) text.	M
[eAIP-AMDTT-030]	In the Navigation pane of the eAIP window, the effective date of the AMDT in the AMDT table of contents shall be in bold type.	M
[eAIP-AMDTT-040]	In the Navigation pane of the eAIP window, the font size of the effective date of the AMDT in the AMDT table of contents shall be 150% of the default font size.	M
[eAIP-AMDTT-050]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the changes forming an AMDT shall be grouped so that they are logically related and are presented under the same group title.	M
[eAIP-AMDTT-060]	In the Navigation pane of the eAIP window, in the AMDT table of contents, for each group, a group title shall be displayed.	M
[eAIP-AMDTT-070]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the title of the group shall be in black (RGB Hexadecimal Value: 000000).	M
[eAIP-AMDTT-080]	In the Navigation pane of the eAIP window, in the AMDT table of contents, if the AMDT is an AIRAC AMDT then the background colour for the group shall be pink (RGB Hexadecimal Value: ffcccc).	M
[eAIP-AMDTT-090]	In the Navigation pane of the eAIP window, in the AMDT table of contents, if the AMDT is a non-AIRAC AMDT then the background colour for the group shall be light blue (RGB Hexadecimal Value: ccccff).	M
[eAIP-AMDTT-100]	In the Navigation pane of the eAIP window, the AMDT table of contents shall contain a description for each group of AIP AMDTs.	M
[eAIP-AMDTT-110]	In the Navigation pane of the eAIP window, the AMDT table of contents shall contain the chapter of the AIP where the amendment(s) has been made, for each group of AIP AMDTs.	M
[eAIP-AMDTT-120]	In the Navigation pane of the eAIP window, the AMDT table of contents shall contain the title of the affected chapter for each group of AIP AMDTs.	M
[eAIP-AMDTT-130]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the chapter shall have a plus sign ('+') next to it when collapsed to allow for the AMDT table of contents tree to be expanded.	M

[eAIP-AMDTT-140]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the chapter shall be expanded by clicking on the chapter title.	M
[eAIP-AMDTT-150]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the chapter shall have a minus sign ('-') next to it when expanded to allow for the AMDT table of contents tree to be collapsed.	M
[eAIP-AMDTT-160]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the chapter shall be collapsed by clicking on the chapter title.	M
[eAIP-AMDTT-170]	In the Navigation pane of the eAIP window, in the AMDT table of contents, when the chapter is expanded, the sections of the chapter containing amendments shall be listed.	M
[eAIP-AMDTT-180]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the title of the section of the chapter containing amendments shall include the section number.	M
[eAIP-AMDTT-190]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the title of the section of the chapter containing amendments shall include the section name.	M
[eAIP-AMDTT-200]	In the Navigation pane of the eAIP window, in the AMDT table of contents, for each section of the chapter containing amendments, the amendments shall be listed.	M
[eAIP-AMDTT-210]	In the Navigation pane of the eAIP window, in the AMDT table of contents, amendments shall be grouped by the nearest subsection title.	M
[eAIP-AMDTT-220]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the nearest subsection title shall be listed.	M
[eAIP-AMDTT-230]	In the Navigation pane of the eAIP window, in the AMDT table of contents, for each group of amendments to a route table, the name of the route segment or significant point shall be provided.	M
[eAIP-AMDTT-240]	In the Navigation pane of the eAIP window, in the AMDT table of contents, each individual change in an amendment group shall be indicated by a light blue triangle (RGB Hexadecimal Value: 0000ff).	M
[eAIP-AMDTT-250]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the triangle for an individual change in an amendment group shall be a link to the change.	M
[eAIP-AMDTT-260]	In the Navigation pane of the eAIP window, in the AMDT table of contents, the triangles shall be located next to the parent sub-section title.	M

[eAIP-AMDTT-270]	In the Navigation pane of the eAIP window, in the AMDT table of contents, when a change is selected, the change shall be displayed at the top of the Content pane of the eAIP window.	M

A.3.8 SUPs Table of Contents

Figure 13 below reflects the requirements associated with the display of the SUPs Table of Contents:

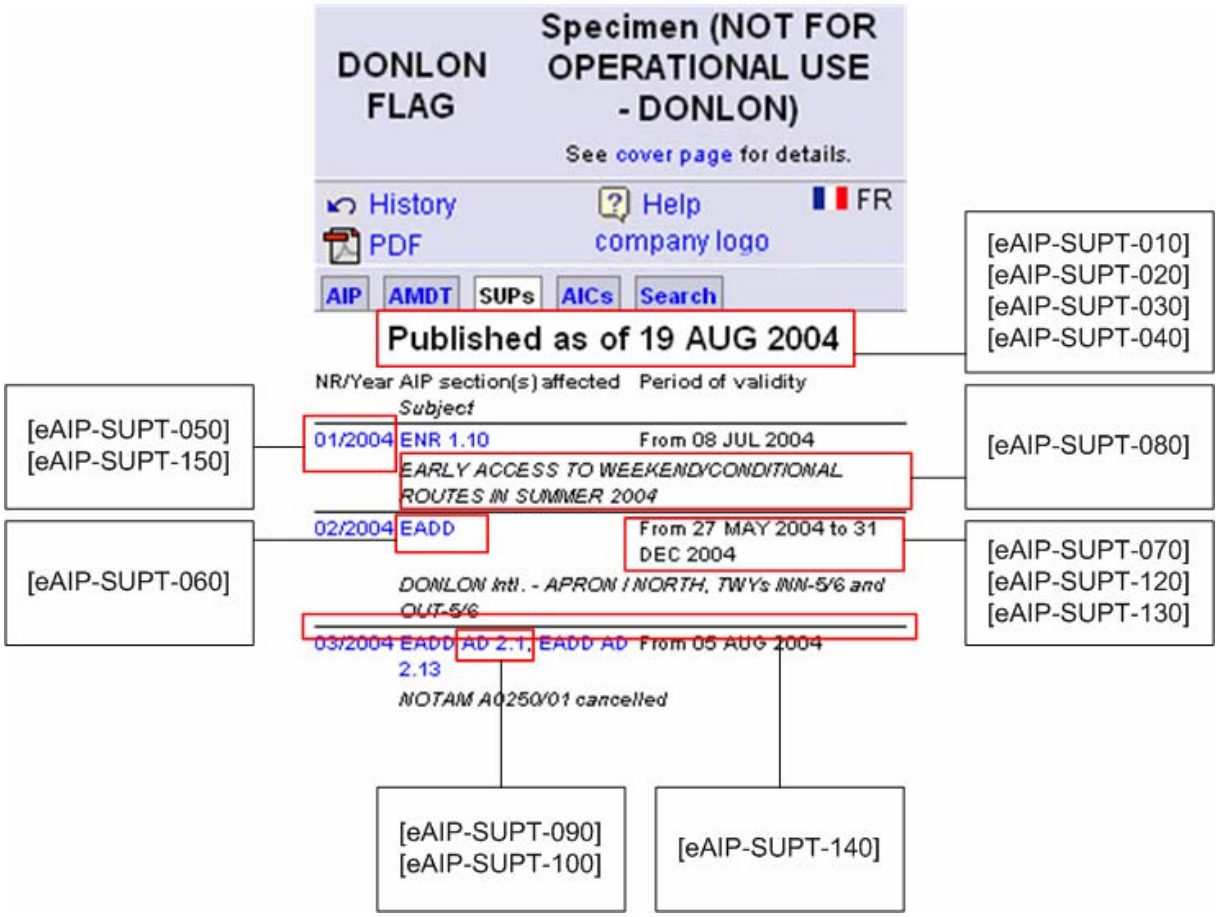


Figure 13 – SUPs Table of Contents

[eAIP-SUPT-010]	In the Navigation pane of the eAIP window, the SUPs table of contents shall indicate the date the SUPs table of contents page was published.	M
[eAIP-SUPT-020]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the date the SUPs table of contents page was published shall be in black (RGB Hexadecimal Value: 000000) text.	M

[eAIP-SUPT-030]	In the Navigation pane of the eAIP window, the publication date of the SUPs table of contents page shall be in bold type.	M
[eAIP-SUPT-040]	In the Navigation pane of the eAIP window, the font size of the publication date of the SUPs table of contents page shall be 150% of the default font size.	M
[eAIP-SUPT-050]	In the Navigation pane of the eAIP window, in the SUPs table of contents, for each SUP, the Number/Year of the SUP shall be listed.	M
[eAIP-SUPT-060]	In the Navigation pane of the eAIP window, in the SUPs table of contents, for each SUP, the AIP section affected by the SUP shall be listed.	M
[eAIP-SUPT-070]	In the Navigation pane of the eAIP window, in the SUPs table of contents, for each SUP, the period of validity of the SUP shall be listed.	M
[eAIP-SUPT-080]	In the Navigation pane of the eAIP window, in the SUPs table of contents, for each SUP, the subject of the SUP shall be listed.	M
[eAIP-SUPT-090]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the AIP section affected shall be indicated by the part plus the section.	M
[eAIP-SUPT-100]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the AIP section affected shall be a link to the actual section in the eAIP.	M
[eAIP-SUPT-110]	In the Navigation pane of the eAIP window, when the AIP section affected link is clicked in the SUPs table of contents, the eAIP section shall open in the Content pane of the active window.	M
[eAIP-SUPT-120]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the period of validity shall indicate from which date the SUP is valid.	M
[eAIP-SUPT-130]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the period of validity may indicate a date for the end of the validity period.	O
[eAIP-SUPT-140]	In the Navigation pane of the eAIP window, in the SUPs table of contents, SUPs should be clearly separated in the list.	O
[eAIP-SUPT-150]	In the Navigation pane of the eAIP window, in the SUPs table of contents, the Number/Year of the AIP SUP shall be a link.	M
[eAIP-SUPT-160]	In the Navigation pane of the eAIP window, when the SUP link is clicked in the SUPs table of contents, the SUP shall open in the Content pane of the active window.	M

[eAIP-SUPT-170]	In the Navigation pane of the eAIP window, in the SUPs table of contents, there may be a link from the list of SUPs to relevant sections of the eAIP.	O
[eAIP-SUPT-180]	The links between the list of SUPs and AIP sections affected should be controlled and updated so that a SUP published in the past always links to the latest published (or effective) eAIP issue. *Parent requirement: [eAIP-SUPT-170]*	C
[eAIP-SUPT-190]	Where the links between the list of SUPs and AIP sections affected are not controlled and updated so that a SUP published in the past always links to the latest published (or effective) eAIP issue, the user should be warned that the link may lead to an expired eAIP issue. *Parent requirement: [eAIP-SUPT-170]*	C

A.3.9 AICs Table of Contents

Figure 14 below reflects the requirements associated with the display of the AICs Table of Contents.

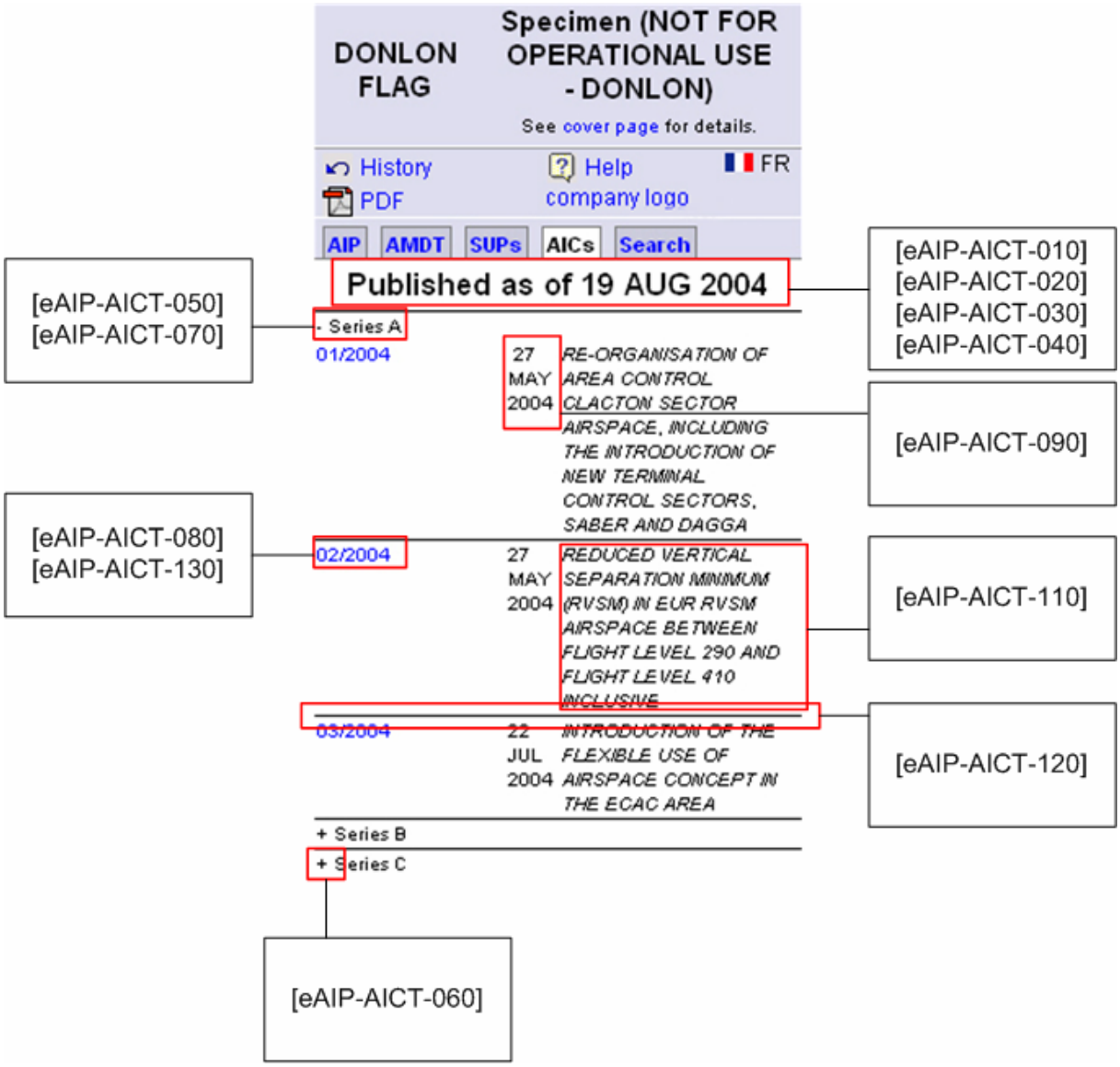


Figure 14 – AICs Table of Contents

[eAIP-AICT-010]	In the Navigation pane of the eAIP window, the AICs table of contents shall indicate the date the AICs table of contents page was published.	M
[eAIP-AICT-020]	In the Navigation pane of the eAIP window, in the AICs table of contents, the date the AICs table of contents page was published shall be in black (RGB Hexadecimal Value: 000000) text.	M

[eAIP-AICT-030]	In the Navigation pane of the eAIP window, the publication date of the AICs table of contents page shall be in bold type.	M
[eAIP-AICT-040]	In the Navigation pane of the eAIP window, the font size of the publication date of the AICs table of contents page shall be 150% of the default font size.	M
[eAIP-AICT-050]	In the Navigation pane of the eAIP window, the AICs may be grouped by series.	O
[eAIP-AICT-060]	In the Navigation pane of the eAIP window, the AICs grouped by series may be expanded to show all the AICs in a series. *Parent requirement: [eAIP-AICT-050]*	C
[eAIP-AICT-070]	In the Navigation pane of the eAIP window, the AICs grouped by series may be collapsed to hide all the AICs in a series. *Parent requirement: [eAIP-AICT-050]*	C
[eAIP-AICT-080]	In the Navigation pane of the eAIP window, in the AICs table of contents, for each AIC, the Number/Year of the AIC shall be listed.	M
[eAIP-AICT-090]	In the Navigation pane of the eAIP window, in the AICs table of contents, for each AIC, the date of publication of the AIC shall be listed.	M
[eAIP-AICT-100]	In the Navigation pane of the eAIP window, in the AICs table of contents, for each AIC that is not grouped by series, the series shall be listed.	M
[eAIP-AICT-110]	In the Navigation pane of the eAIP window, in the AICs table of contents, for each AIC, the subject shall be listed.	M
[eAIP-AICT-120]	In the Navigation pane of the eAIP window, in the AICs table of contents, each AIC should be clearly separated in the list.	O
[eAIP-AICT-130]	In the Navigation pane of the eAIP window, in the AICs table of contents, the number/year of the AIC shall be a link.	M
[eAIP-AICT-140]	In the Navigation pane of the eAIP window, in the AICs table of contents, when the number/year of the AIC is clicked, the AIC shall open in the Content pane of the active window.	M

A.3.10 Help Page

[eAIP-HELP-010]	The Help page shall contain information about the eAIP being published by the State.	M
[eAIP-HELP-020]	The Help page shall contain information regarding the systems requirements of the eAIP.	M

[eAIP-HELP-030]	The Help page shall contain information regarding the use of the menu.	M
[eAIP-HELP-040]	The Help page shall contain information regarding the use of the AIP tab.	M
[eAIP-HELP-050]	The Help page shall contain information regarding the use of the AMDT tab.	M
[eAIP-HELP-060]	The Help page shall contain information regarding the use of the SUPs tab.	M
[eAIP-HELP-070]	The Help page shall contain information regarding the use of the AICs tab.	M
[eAIP-HELP-080]	The Help page shall contain information regarding the viewing of Amendments.	M
[eAIP-HELP-090]	The Hep page shall contain information regarding the use of the Search facility. *When [eAIP-MENU-230] is implemented.*	C
[eAIP-HELP-100]	The Help page shall contain information regarding the use of the formats actually used for charts and graphics, and tools that can be used to visualise each of these formats.	M
[eAIP-HELP-110]	The Help page shall contain information regarding the use of other features of the eAIP.	M
[eAIP-HELP-120]	The Help page may contain a frequently asked questions section.	O
[eAIP-HELP-130]	The Help page may contain additional information regarded as useful for the consultation and use of the eAIP.	O

A.3.11 AIP Content

Figure 15 below reflects the requirements associated with the display of the eAIP content.

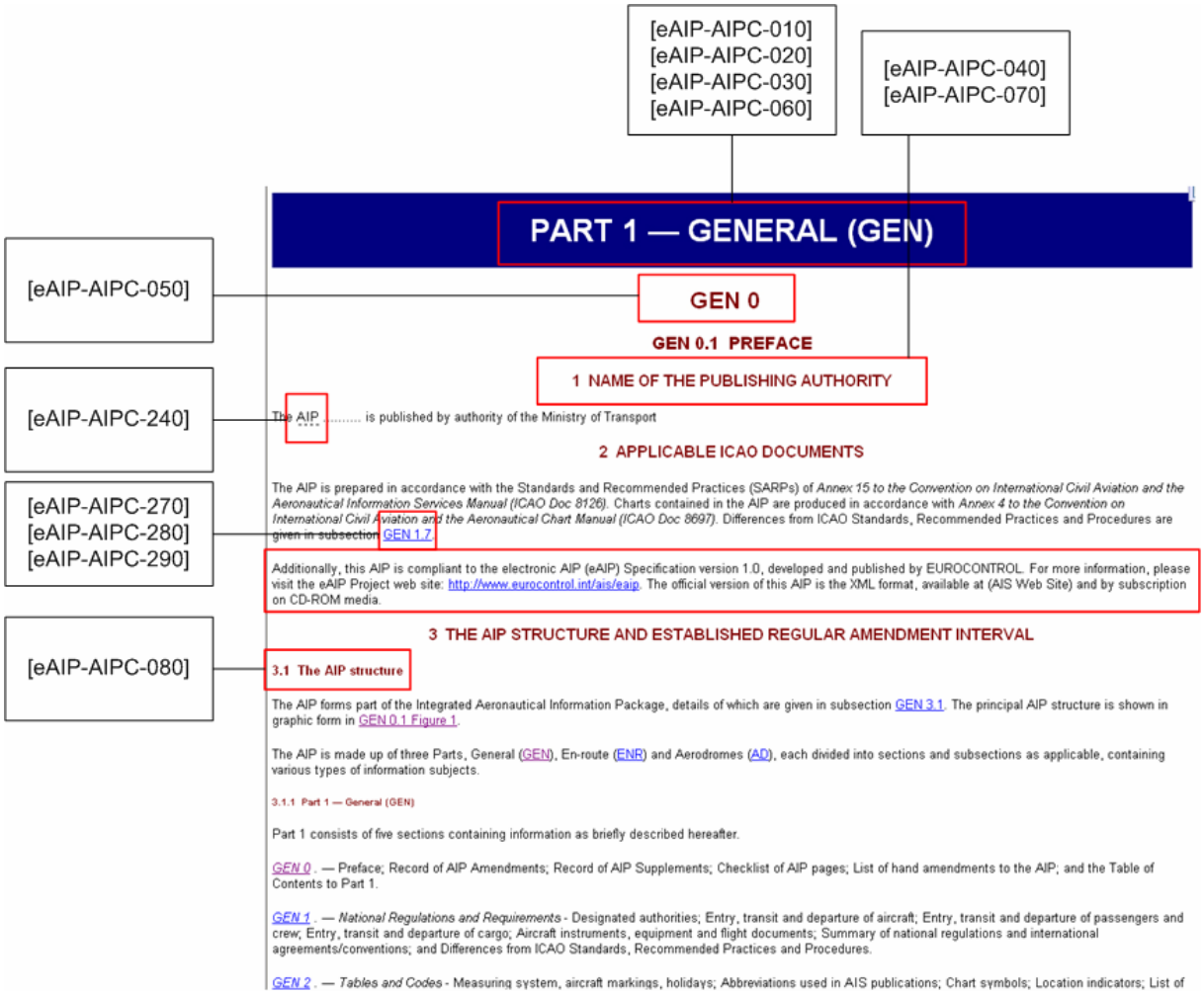


Figure 15 – eAIP Content

[eAIP-AIPC-010]	When an AIP is displayed, the title of the AIP part or section selected shall be displayed at the top of the Content pane of the eAIP window.	M
[eAIP-AIPC-020]	When an AIP is displayed, the AIP part title should be displayed in a dark blue (RGB Hexadecimal Value: 00008b) header.	O
[eAIP-AIPC-030]	When an AIP is displayed, the text of the AIP part title shall be white (RGB Hexadecimal Value: ffffff).	M
[eAIP-AIPC-040]	When an AIP is displayed, all other titles in the AIP should be brown (RGB Hexadecimal Value: 800000).	O

[eAIP-AIPC-050]	When an AIP is displayed, the titles of AIP parts and sections shall be in upper case text.	M
[eAIP-AIPC-060]	When an AIP is displayed, the font size of AIP part titles shall be larger than that for AIP section titles.	M
[eAIP-AIPC-070]	When an AIP is displayed, level 1 AIP sub-sections shall have titles in upper case text.	M
[eAIP-AIPC-080]	When an AIP is displayed, level 2 AIP sub-sections shall have titles in mixed case text.	M
[eAIP-AIPC-090]	When an AIP is displayed, all other AIP titles shall be in mixed case text.	M

A.3.11.1 GEN 0.2 – Record of AIP Amendments

[eAIP-AIPC-100]	In the AIP, the GEN 0.2 Record of AIP Amendments page shall include two tables for both the AIRAC amendments and non-AIRAC amendments.	M
[eAIP-AIPC-110]	In GEN 0.2 Record of AIP Amendments of the AIP, for both AIRAC amendments and non-AIRAC amendments, the Number/Year shall be provided.	M
[eAIP-AIPC-120]	In GEN 0.2 Record of AIP Amendments of the AIP, for both AIRAC amendments and non-AIRAC amendments, the Publication Date shall be provided.	M
[eAIP-AIPC-130]	In GEN 0.2 Record of AIP Amendments of the AIP, for both AIRAC amendments and non-AIRAC amendments, the Effective Date shall be provided.	M
[eAIP-AIPC-140]	In the PDF file for GEN 0.2 Record of AIP Amendments, the page shall include a column for the signature of the person that inserted the AIP Amendment, for both AIRAC amendments and non-AIRAC amendments.	M

A.3.11.2 GEN 1.7 – Differences from ICAO Standards, Recommended Practices and Procedures

[eAIP-AIPC-150]	Data published in the eAIP that does not meet the data quality requirements of ICAO Annex 15 [2] should be listed in GEN 1.7 “Differences from ICAO Standards, Recommended Practices and Procedures”.	O
[eAIP-AIPC-160]	For States that have to comply with the ADQ IR [1] or States that have adopted SES legislation, data published in the eAIP that does not meet the data quality requirements of the ADQ IR [1] shall be indicated in GEN 1.7 “Differences from ICAO Standards, Recommended Practices and Procedures”.	M

A.3.11.3 GEN 2.2 – Abbreviations used in AIS Publications

[eAIP-AIPC-170]	Abbreviations used in AIS publications should be listed in ascending alphabetical order.	O
[eAIP-AIPC-180]	A fast access bar may be used to access the abbreviations.	O
[eAIP-AIPC-190]	In AIS publications, abbreviations should adhere to ICAO Doc 8400, ICAO Abbreviations and Codes [8].	O

A.3.11.4 AD 2.24

[eAIP-AIPC-200]	In AD 2.24 of the AIP, the titles of the charts related to an aerodrome should be listed in a table.	O

A.3.11.5 Structure of the AIP

[eAIP-AIPC-210]	In the AIP, sections may be added to chapters of the AIP to reflect any new publication requirements of the State.	O
[eAIP-AIPC-220]	In the AIP, sections of the AIP may be renamed and the content changed to reflect changing data publication requirements.	O
[eAIP-AIPC-230]	Where the structure of the tables in the AIP Template provided in Appendix 1 of ICAO Annex 15 [2] may not be implemented electronically to allow the presentation of information to the user in a clear and user-friendly manner, the information may be presented in the AIP in a different structure that follows the ICAO structure as closely as possible.	O

A.3.11.6 AIP Content Abbreviations

[eAIP-AIPC-240]	Abbreviations may be underlined in the text of the AIP by a dashed line.	O
[eAIP-AIPC-250]	When the cursor is placed over an underlined abbreviation in the AIP, a hint shall be displayed providing the full definition of the abbreviation.	M
[eAIP-AIPC-260]	When the cursor is placed over an underlined abbreviation in the AIP, a question mark may appear on the cursor.	O

A.3.11.7 AIP Content Links

[eAIP-AIPC-270]	In the main body of the AIP, displayed in the Content pane, where other sections of the AIP are referred to, a link should be provided to that section.	O

[eAIP-AIPC-280]	In the main body of the AIP, displayed in the Content pane, the links to other sections of the AIP shall be highlighted in light blue text (RGB Hexadecimal Value: 0000ff). *Parent requirement: [eAIP-AIPC-270]*	C
[eAIP-AIPC-290]	In the main body of the AIP, displayed in the Content pane, the links to other sections of the AIP shall be underlined. *Parent requirement: [eAIP-AIPC-270]*	C
[eAIP-AIPC-300]	In the main body of the AIP, displayed in the Content pane, when a link to another section of the AIP is clicked, the appropriate section of the AIP shall open in the Content pane of the eAIP window. *Parent requirement: [eAIP-AIPC-270]*	C

A.3.11.8 AIP Content Amendments

Figure 16 below reflects the requirements associated with the display of the AIP content amendments.

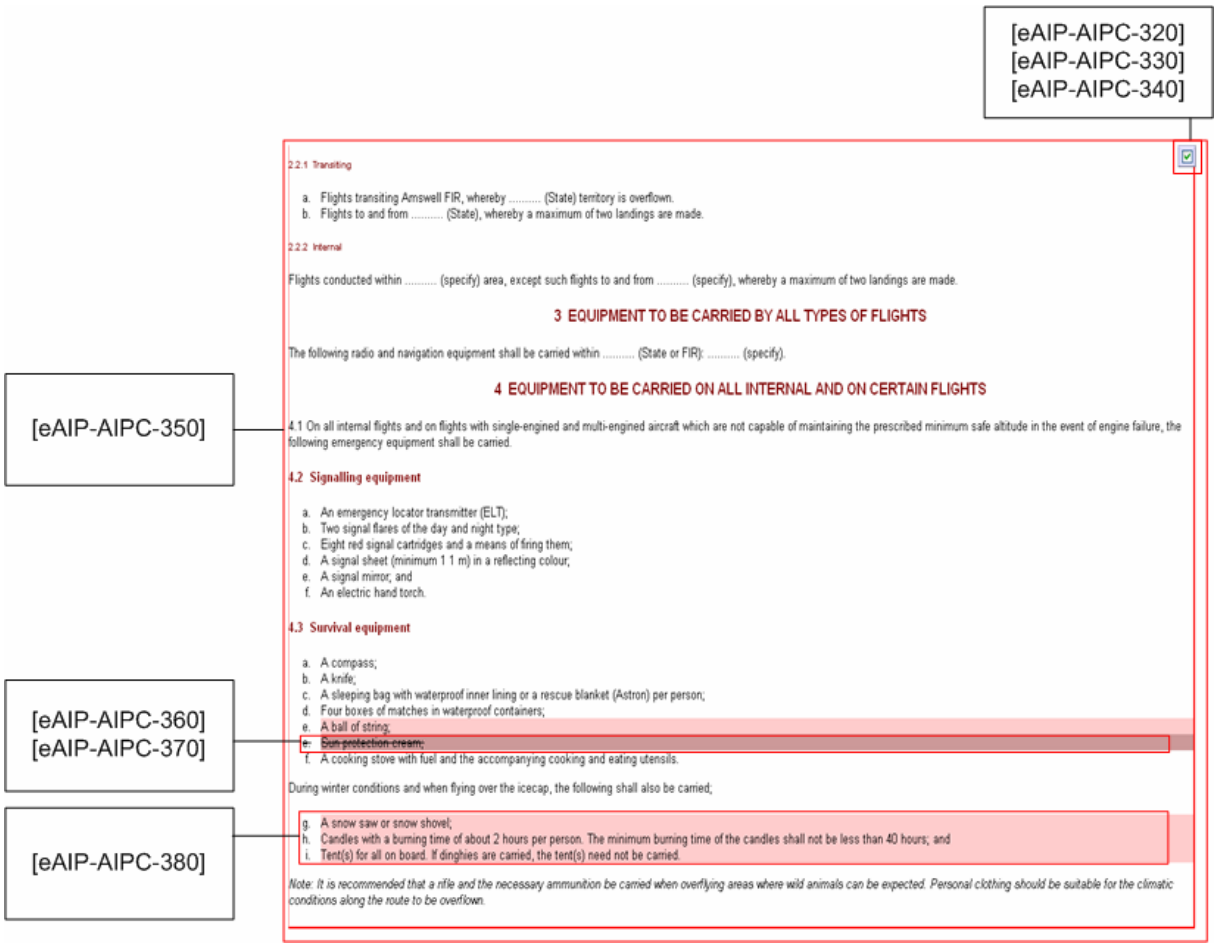


Figure 16 – AIP Content Amendments

[eAIP-AIPC-310]	The user shall be able to show amendments within the body of the AIP text.	M
[eAIP-AIPC-320]	When an AIP is selected, there shall be a checkbox in the top right-hand side of the Content pane of the eAIP window to allow the user to choose whether to show amendments within the body of the AIP text.	M
[eAIP-AIPC-330]	When an AIP is selected, the checkbox in the top right-hand side of the Content pane of the eAIP window, which allows the user to choose whether to show amendments within the body of the AIP text, shall be titled 'Show Amendments'.	M
[eAIP-AIPC-340]	When an AIP is selected, a tick shall be displayed in the checkbox in the top right-hand side of the Content pane of the eAIP window, which allows the user to choose whether to show amendments within the body of the AIP text, when 'Show Amendments' is turned on.	M
[eAIP-AIPC-350]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, all deleted and added text shall be displayed.	M
[eAIP-AIPC-360]	When an AIP is selected, deleted AIP text shall be displayed as struck through when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked.	M
[eAIP-AIPC-370]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, if the amendment to the AIP was notified by an AIRAC AMDT, deleted text shall be highlighted with a dark pink (RGB Hexadecimal Value: cc9999) background.	M
[eAIP-AIPC-380]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, if the amendment to the AIP was notified by an AIRAC AMDT, added text shall be highlighted with a light pink (RGB Hexadecimal Value: ffcccc) background.	M
[eAIP-AIPC-390]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, if the amendment to the AIP was notified by a non-AIRAC AMDT, deleted text shall be highlighted with a dark blue (RGB Hexadecimal Value: 9999cc) background.	M
[eAIP-AIPC-400]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, if the amendment to the AIP was notified by a non-AIRAC AMDT, added text shall be highlighted with a light blue (RGB Hexadecimal Value: ccccff) background.	M

[eAIP-AIPC-410]	When an AIP is selected, when the 'Show Amendments' checkbox in the top right-hand side of the Content pane of the eAIP window is checked, changes to numbering in the AIP should be displayed.	O

A.3.12 AMDT Content

Figure 17 below reflects the requirements associated with the display of the AMDT content.

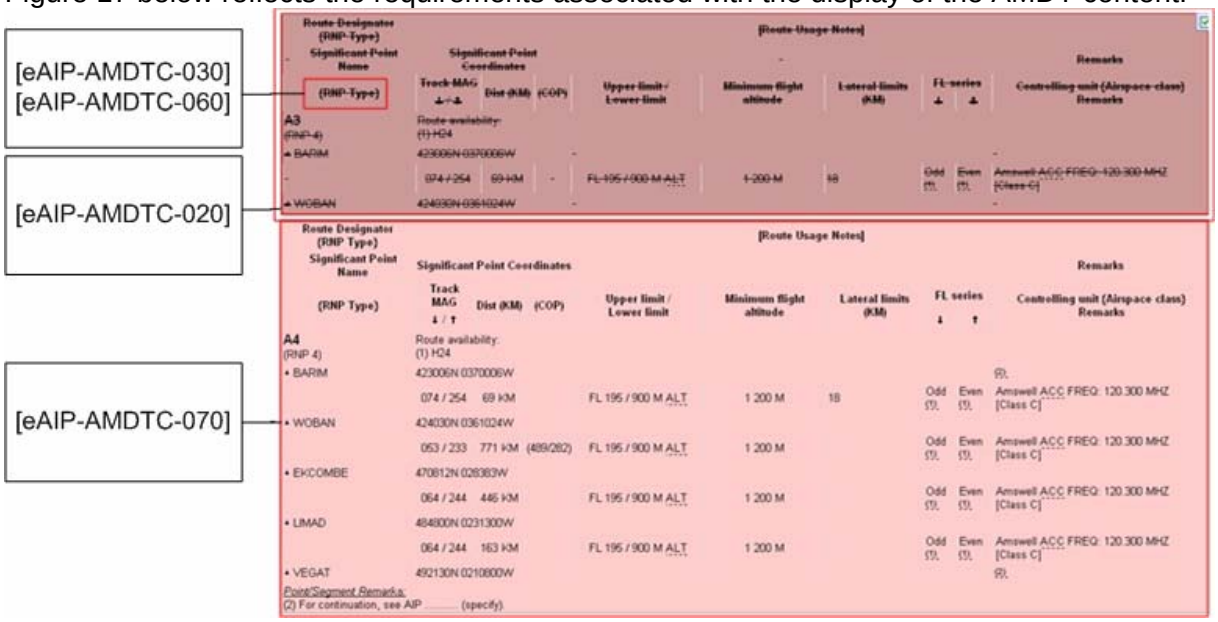


Figure 17 – AMDT Content

[eAIP-AMDTC-010]	When a change in an AMDT has been selected in the AMDT table of contents, the content displayed in the Content pane of the eAIP window shall be the AIP page where the change has been made.	M
[eAIP-AMDTC-020]	When a change in an AMDT has been selected in the AMDT table of contents, the specific change selected shall be highlighted by a red (RGB Hexadecimal Value: ff0000) border in the Content pane of the eAIP window.	M
[eAIP-AMDTC-030]	When a textual change in an AMDT has been selected in the AMDT table of contents, deleted text shall be struck through in the Content pane of the eAIP window.	M
[eAIP-AMDTC-040]	When a change to an image/graphic in an AMDT has been selected in the AMDT table of contents, then the change should be identified directly in the graphic/image by way of a textual description along the side of the graphic/image.	O
[eAIP-AMDTC-050]	When a change to an image/graphic file in an AMDT has been selected in the AMDT table of contents, then the whole image or graphic should be marked as deleted and the new image/graphic should be marked as inserted.	O

[eAIP-AMDTC-060]	When a change in an AMDT has been selected in the AMDT table of contents, if the AMDT is an AIRAC AMDT, deleted text shall have a dark pink (RGB Hexadecimal Value: cc9999) background, in the Content pane of the eAIP window.	M
[eAIP-AMDTC-070]	When a change in an AMDT has been selected in the AMDT table of contents, if the AMDT is an AIRAC AMDT, added text shall have a light pink (RGB Hexadecimal Value: ffcccc) background, in the Content pane of the eAIP window.	M
[eAIP-AMDTC-080]	When a change in an AMDT has been selected in the AMDT table of contents, if the AMDT is a non-AIRAC AMDT, deleted text shall have a dark blue (RGB Hexadecimal Value: 9999cc) background, in the Content pane of the eAIP window.	M
[eAIP-AMDTC-090]	When a change in an AMDT has been selected in the AMDT table of contents, if the AMDT is a non-AIRAC AMDT, added text shall have a light blue (RGB Hexadecimal Value: ccccff) background, in the Content pane of the eAIP window.	M
[eAIP-AMDTC-100]	When a change in an AMDT has been selected in the AMDT table of contents, the amended text shall be displayed as high as possible in the content pane.	M

A.3.13 SUP Content

Figure 18 below reflects the requirements associated with the display of the SUP content.

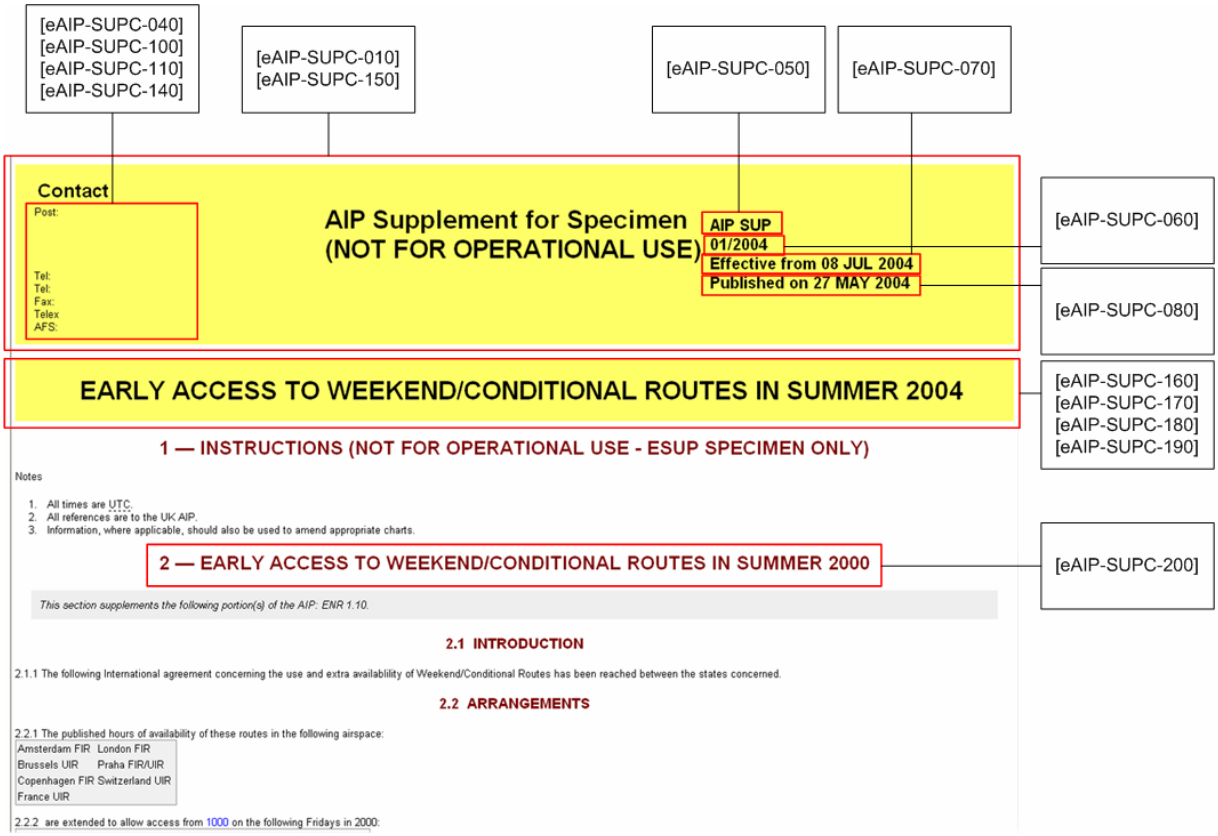


Figure 18 – AIP SUP Content

[eAIP-SUPC-010]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window should have a yellow (RGB Hexadecimal Value: ffff99) header.	O
[eAIP-SUPC-020]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the name of the issuing State, in the header.	M
[eAIP-SUPC-030]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the name of the publishing organisation, in the header.	M
[eAIP-SUPC-040]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the postal address of the publishing organisation, in the header.	M

[eAIP-SUPC-050]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have an indication that the document is a SUP, in the header.	M
[eAIP-SUPC-060]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the Number/Year of the SUP, in the header.	M
[eAIP-SUPC-070]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the effective date of the SUP, in the header.	M
[eAIP-SUPC-080]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have the publication date of the SUP, in the header.	M
[eAIP-SUPC-090]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the logo of the State, in the header.	O
[eAIP-SUPC-100]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the telephone number of the publishing organisation, in the header.	O
[eAIP-SUPC-110]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the fax number of the publishing organisation, in the header.	O
[eAIP-SUPC-120]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the email address of the publishing organisation, in the header.	O
[eAIP-SUPC-130]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the website address of the publishing organisation, in the header.	O
[eAIP-SUPC-140]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window may have the address of the Aeronautical Fixed Service (AFS) of the publishing organisation, in the header.	O
[eAIP-SUPC-150]	When a SUP has been selected in the SUP table of contents, the text in the header of the SUP page displayed in the Content pane of the eAIP window shall be black (RGB Hexadecimal Value: 000000).	M

[eAIP-SUPC-160]	When a SUP has been selected in the SUP table of contents, the SUP page displayed in the Content pane of the eAIP window shall have a header containing the subject of the SUP.	M
[eAIP-SUPC-170]	When a SUP has been selected in the SUP table of contents, the subject header of the SUP page displayed in the Content pane of the eAIP window should be yellow (RGB Hexadecimal Value: ffff99).	O
[eAIP-SUPC-180]	When a SUP has been selected in the SUP table of contents, the text of the subject header of the SUP page displayed in the Content pane of the eAIP window shall be black (RGB Hexadecimal Value: 000000).	M
[eAIP-SUPC-190]	When a SUP has been selected in the SUP table of contents, the text of the subject header of the SUP page displayed in the Content pane of the eAIP window shall be upper case.	M
[eAIP-SUPC-200]	When a SUP has been selected in the SUP table of contents, the text of the sub-headings on the SUP page displayed in the Content of the eAIP window, should be brown (RGB Hexadecimal Value: 800000).	O
[eAIP-SUPC-210]	Where a SUP is replacing a previously issued SUP, deleted SUP text may be displayed as struck through.	O
[eAIP-SUPC-220]	Where a SUP is replacing a previously issued SUP, and the SUP is an AIRAC SUP, deleted text may be highlighted with a dark pink (RGB Hexadecimal Value: cc9999) background.	O
[eAIP-SUPC-230]	Where a SUP is replacing a previously issued SUP, and the SUP is an AIRAC SUP, added text may be highlighted with a light pink (RGB Hexadecimal Value: ffcccc) background.	O
[eAIP-SUPC-240]	Where a SUP is replacing a previously issued SUP, and the SUP is a non-AIRAC SUP, deleted text may be highlighted with a dark blue (RGB Hexadecimal Value: 9999cc) background.	O
[eAIP-SUPC-250]	Where a SUP is replacing a previously issued SUP, and the SUP is a non-AIRAC SUP, added text may be highlighted with a light blue (RGB Hexadecimal Value: ccccff) background.	O

A.3.14 AIC Content

Figure 19 below reflects the requirements associated with the display of the AIC content.

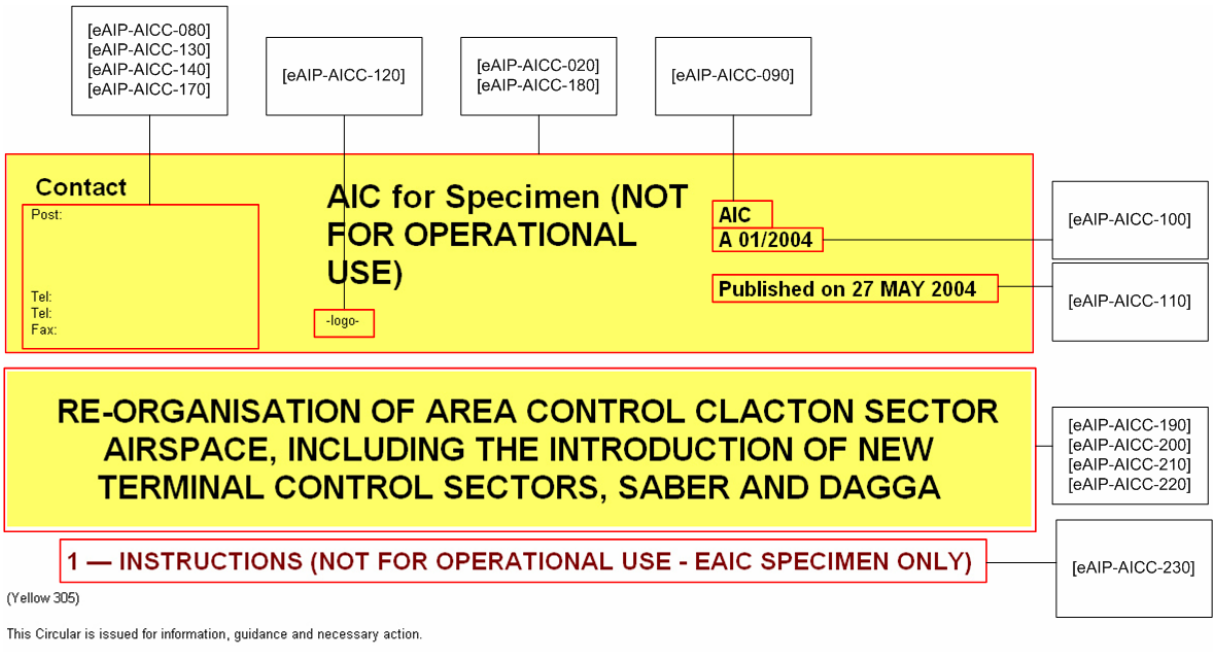


Figure 19 – AIC Content

[eAIP-AICC-010]	When an AIC with an administrative-related subject has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window should not have a coloured header.	O
[eAIP-AICC-020]	When an AIC with an Air Traffic Control-related subject has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window should have a yellow (RGB Hexadecimal Value: ffff99) header.	O
[eAIP-AICC-030]	When an AIC with a safety-related subject has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window should have a pink (RGB Hexadecimal Value: ffcccc) header.	O
[eAIP-AICC-040]	When an AIC containing a Danger Area Map has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window should have a mauve (RGB Hexadecimal Value: ccaaff) header.	O
[eAIP-AICC-050]	When an AIC containing maps/charts has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window should have a green (RGB Hexadecimal Value: 99cc99) header.	O

[eAIP-AICC-060]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have the name of the issuing State of the AIC, in the header.	M
[eAIP-AICC-070]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have the name of the publishing organisation of the AIC, in the header.	M
[eAIP-AICC-080]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have the postal address of the publishing organisation of the AIC, in the header.	M
[eAIP-AICC-090]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have an indication that this document is an AIC, in the header.	M
[eAIP-AICC-100]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have the Number/Year of the AIC, in the header.	M
[eAIP-AICC-110]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have the publication date of the AIC, in the header.	M
[eAIP-AICC-120]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the logo of the State, in the header.	O
[eAIP-AICC-130]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the telephone number of the publishing organisation, in the header.	O
[eAIP-AICC-140]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the fax number of the publishing organisation, in the header.	O
[eAIP-AICC-150]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the email address of the publishing organisation, in the header.	O
[eAIP-AICC-160]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the website address of the publishing organisation, in the header.	O

[eAIP-AICC-170]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window may have the address of the AFS, in the header.	O
[eAIP-AICC-180]	When an AIC has been selected in the AIC table of contents, the text displayed in the AIC header in the Content pane of the eAIP window shall be black (RGB Hexadecimal Value: 000000).	M
[eAIP-AICC-190]	When an AIC has been selected in the AIC table of contents, the AIC page displayed in the Content pane of the eAIP window shall have a header containing the subject of the AIC.	M
[eAIP-AICC-200]	When an AIC has been selected in the AIC table of contents, the subject header of the AIC page displayed in the Content pane of the eAIP window should match that of the main AIC header. *Parent requirements: [eAIP-AICC-010] - [eAIP-AICC-050]*	C
[eAIP-AICC-210]	When an AIC has been selected in the AIC table of contents, the text of the subject header of the AIC page displayed in Content pane of the eAIP window shall be black (RGB Hexadecimal Value: 000000).	M
[eAIP-AICC-220]	When an AIC has been selected in the AIC table of contents, the text of the subject header of the AIC page displayed in the Content pane of the eAIP window shall be upper case.	M
[eAIP-AICC-230]	When an AIC has been selected in the AIC table of contents, the text of sub-headings on the AIC page displayed in the Content pane of the eAIP window, should be brown (RGB Hexadecimal Value: 800000).	O
[eAIP-AICC-240]	Where an AIC is replacing a previously issued AIC, deleted text may be displayed as struck through.	O
[eAIP-AICC-250]	Where an AIC is replacing a previously issued AIC, deleted text may be highlighted with a dark blue (RGB Hexadecimal Value: 9999cc) background.	O
[eAIP-AICC-260]	Where an AIC is replacing a previously issued AIC, added text may be highlighted with a light blue (RGB Hexadecimal Value: ccccff) background.	O

A.3.15 Distribution on External Media

[eAIP-DIST-010]	When distributing non-AIRAC AMDTs, these should be issued with an effective date of an AIRAC cycle date.	O
[eAIP-DIST-020]	When distributing AIP SUPs, these should be published in accordance with the AIRAC cycle, if they contain operationally significant temporary changes (AIRAC AIP SUP).	O

[eAIP-DIST-030]	When distributing an eAIP, the external media shall be labelled with a unique identifier.	M
[eAIP-DIST-040]	When distributing an eAIP, the unique identifier on the external media shall consist of the serial number / publication / effective date, for example, AIP AMDT n/yy, AIP SUP n/yy, AIC [Serial Number] n/yy[10].	M
[eAIP-DIST-050]	When distributing an eAIP, the external media shall be labelled with the publication date of the eAIP.	M
[eAIP-DIST-060]	When distributing an eAIP, the external media shall be labelled with the State which has issued the eAIP.	M
[eAIP-DIST-070]	When distributing an eAIP, the external media shall be labelled with the organisation that has published the eAIP.	M
[eAIP-DIST-080]	When distributing an eAIP, the external media shall be labelled with the contact details of the publishing organisation.	M

A.3.16 Minimum eAIP HTML Technology Requirements

[eAIP-CONF-010]	The version(s) of the HTML used by the eAIP shall be documented.	M
[eAIP-CONF-020]	If a scripting language is used for the eAIP, the language shall be documented.	M
[eAIP-CONF-030]	If a scripting language is used for the eAIP, the version shall be documented.	M
[eAIP-CONF-040]	The validator used for eAIP validation should be documented. Note: Unicorn W3C Unified Validator or W3C Markup Validator are recommended.	O
[eAIP-CONF-050]	The browser(s) tested with the eAIP should be documented.	O
[eAIP-CONF-060]	The version(s) of the browser(s) tested with the eAIP should be documented.	O

A.3.17 Minimum eAIP PDF Technology Requirements

[eAIP-CONF-070]	The version of PDF used by the eAIP shall be documented.	M
[eAIP-CONF-080]	The PDF reader(s) tested with the eAIP should be documented.	O

[10] For special situations, for example, double AIRAC amendments, whereby a replacement needed to be issued before the amendment became effective, States may need to address this issue on a case-by-case basis, after investigation of the issue.

[eAIP-CONF-090]	The version(s) of the PDF reader(s) tested with the eAIP should be documented.	O

ANNEX B CONFORMITY MATERIAL

This section specifies the conformity assessment material available for the MoC specified in this EUROCONTROL eAIP Specification, in Annex A.
Applicants claiming conformance to this EUROCONTROL eAIP Specification shall complete the Conformance Statement below.

Note: In the following table, compliance is indicated in the "Req" column as "M" (Mandatory), "O" (Optional) or "C" (Conditional).

Identifier	**Feature**	**Req**	**Dependency**
[eAIP-GEN-010]	Colour of eAIP text.	M	
[eAIP-GEN-020]	Colour of unlinked text.	M	
[eAIP-GEN-030]	Display of links.	M	
[eAIP-GEN-040]	Date format.	M	
[eAIP-GEN-050]	Window structure.	M	
[eAIP-GEN-060]	Content of Commands pane.	M	
[eAIP-GEN-070]	Content of Navigation pane.	M	
[eAIP-GEN-080]	Content of Content pane when eAIP first opened.	M	
[eAIP-GEN-090]	Content of Content pane when selection made in Navigation pane.	M	
[eAIP-GEN-100]	Sizing of left- and right-hand window panes.	M	
[eAIP-GEN-110]	Availability of scrollbars	M	
[eAIP-GEN-120]	Consistency of eAIP and paper AIP.	M	
[eAIP-GEN-130]	Most current update cycles made publicly available via the eAIP.	M	
[eAIP-SRCH-010]	Platform-independent Search facility.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-020]	Search facility to be independent of distribution means.	C	When [eAIP-MENU-230] is implemented.

[eAIP-SRCH-030]	Access to search in Navigation pane.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-040]	Inclusion of “Search for” edit box.	C	When [eAIP-MENU-230]is implemented.
[eAIP-SRCH-050]	Presence of start button.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-060]	Presence of Clear button.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-070]	Search results displayed in Navigation pane.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-080]	Entry for each instance found during search.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-090]	Each entry in the Navigation pane is a link.	C	When [eAIP-MENU-230] is implemented.
[eAIP-SRCH-100]	Display of instances found in Content pane.	C	When [eAIP-MENU-230] is implemented.
[eAIP-HIST-010]	Availability of History page	O	
[eAIP-HIST-020]	Title of History page.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-030]	Inclusion of State name.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-040]	Inclusion of publishing organisation logo.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-050]	NOTAM advisory message.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-060]	Name of the responsible publishing organisation.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-070]	Inclusion of currently effective eAIP section.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-080]	Inclusion of Next Issues section.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-090]	Inclusion of Expired Issues (Archives) section.	C	When [eAIP-HIST-010] is implemented.
[eAIP-HIST-100]	Inclusion of effective date for currently effective eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.

[eAIP-HIST-110]	Inclusion of publication date for currently effective eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.
[eAIP-HIST-120]	Inclusion of short description for currently effective eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.
[eAIP-HIST-130]	Date as a link – currently effective.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.
[eAIP-HIST-140]	Link to eAIP with the effective date – currently effective.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.
[eAIP-HIST-150]	eAIP opens in active window – currently effective.	C	When [eAIP-HIST-010] and [eAIP-HIST-070] are implemented.
[eAIP-HIST-160]	Inclusion of effective date for next issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-170]	Inclusion of publication date for next issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-180]	Inclusion of short description for next issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-190]	Date as a link - next issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-200]	Link to eAIP with the effective date - next issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-210]	eAIP opens in active window - next issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-080] are implemented.
[eAIP-HIST-220]	Inclusion of effective date for expired issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-230]	Inclusion of publication date for expired issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.

[eAIP-HIST-240]	Inclusion of short description for expired issues of eAIP.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-250]	Contents of expired issues table.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-260]	Warning that expired issues are for information purposes and are not be used operationally.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-270]	Record for each expired issue listed.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-280]	Date as a link - expired issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-290]	Link to eAIP with the effective date - expired issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-HIST-300]	eAIP opens in active window - expired issues.	C	When [eAIP-HIST-010] and [eAIP-HIST-090] are implemented.
[eAIP-COV-010]	Header on cover page.	M	
[eAIP-COV-020]	Title of header.	M	
[eAIP-COV-030]	Indication of State.	M	
[eAIP-COV-040]	Inclusion of logo of the State publishing organisation.	O	
[eAIP-COV-050]	Inclusion of warning to consult NOTAM.	M	
[eAIP-COV-060]	Inclusion of name of the publishing organisation in header.	M	
[eAIP-COV-070]	Information on the eAIP Package section.	O	
[eAIP-COV-080]	Description section.	O	
[eAIP-COV-090]	Changes in this Amendment section.	O	

[eAIP-COV-100]	NOTAM incorporated in this Amendment section.	O	
[eAIP-COV-110]	Cancelled or replaced AIP SUPs section.	O	
[eAIP-COV-120]	Cancelled or replaced AICs section.	O	
[eAIP-COV-130]	Inclusion of Effective date of the eAIP - Information on this eAIP Package section.	O	
[eAIP-COV-140]	Inclusion of publication date of the eAIP - Information on this eAIP Package.	O	
[eAIP-COV-150]	Inclusion of AIRAC AIP Amendment number – Description section (AIRAC).	O	
[eAIP-COV-160]	Inclusion of AIP Amendment number – Description section (non-AIRAC).	O	
[eAIP-COV-170]	Inclusion of an entry for each active AIP SUP, with its number – Description section.	O	
[eAIP-COV-180]	Inclusion of headline for SUP in Description section.	O	
[eAIP-COV-190]	Inclusion of entry for each active AIC in Description	O	
[eAIP-COV-200]	Inclusion of headline for AIC in Description section.	O	
[eAIP-COV-210]	Listing of all PERM NOTAM incorporated in eAIP package.	O	
[eAIP-COV-220]	Inclusion of headline for PERM NOTAM in Description section.	O	
[eAIP-COV-230]	Listing of numbers of SUPs cancelled/replaced.	O	
[eAIP-COV-240]	Inclusion of headline for SUPs cancelled/replaced.	O	
[eAIP-COV-250]	Listing of numbers of AIC cancelled/replaced.	O	

[eAIP-COV-260]	Inclusion of headline for AIC cancelled/replaced.	O	
[eAIP-MENU-010]	Location of menu.	M	
[eAIP-MENU-020]	Division of Commands pane into panels.	M	
[eAIP-MENU-030]	Background colour of panels.	M	
[eAIP-MENU-040]	Inclusion of State national flag or logo of publishing organisation in top panel.	O	
[eAIP-MENU-050]	Inclusion of name of the State in top panel.	M	
[eAIP-MENU-060]	Colour of text for name of State.	M	
[eAIP-MENU-070]	Link to the eAIP cover page in top panel.	M	
[eAIP-MENU-080]	Link to eAIP history page in bottom panel.	C	When [eAIP-HIST-010] is implemented.
[eAIP-MENU-090]	Drop-down list of available eAIPs.	O	
[eAIP-MENU-100]	Opening of cover page when selecting eAIP.	C	When [eAIP-MENU-090] is implemented.
[eAIP-MENU-110]	Link to a help facility in bottom panel.	M	
[eAIP-MENU-120]	eAIP in at least the English language.	M	
[eAIP-MENU-130]	Availability of eAIP in languages other than English.	O	
[eAIP-MENU-140]	Link for each other language the eAIP is provided in, in bottom panel.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-150]	Link to the current section or document in PDF format in bottom panel.	O	
[eAIP-MENU-160]	Link to the website of the publishing organisation in bottom panel.	O	

[eAIP-MENU-170]	Link to enable the user to submit feedback on the eAIP in bottom panel.	O	
[eAIP-MENU-180]	Ability to provide feedback through direct email contact or through a feedback form.	C	When [eAIP-MENU-170] is implemented.
[eAIP-MENU-190]	Existence of tabbed page AIP - The AIP Table of Contents.	M	
[eAIP-MENU-200]	Existence of tabbed page AMDT - The list of changes.	M	
[eAIP-MENU-210]	Existence of tabbed page SUPs - The list of AIP SUPs.	M	
[eAIP-MENU-220]	Existence of tabbed page AICs - The list of Circulars.	M	
[eAIP-MENU-230]	Existence of Search tabbed page.	O	
[eAIP-MENU-240]	Title of link to the eAIP history.	C	When [eAIP-HIST-010] and [eAIP-MENU-080] are implemented.
[eAIP-MENU-250]	Icon for link to the eAIP history.	C	When [eAIP-HIST-010] and [eAIP-MENU-080] are implemented.
[eAIP-MENU-260]	Open of eAIP History window by clicking link.	C	When [eAIP-HIST-010] and [eAIP-MENU-080] are implemented.
[eAIP-MENU-270]	Open of eAIP History window by clicking icon.	C	When [eAIP-HIST-010] and [eAIP-MENU-080] are implemented.
[eAIP-MENU-280]	Title of link to help.	M	
[eAIP-MENU-290]	Logo or image or icon for help.	M	
[eAIP-MENU-300]	Open of help window by clicking link.	M	
[eAIP-MENU-310]	Open of eAIP History window by clicking logo or image or icon.	M	

[eAIP-MENU-320]	Title as abbreviated ISO language code.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-330]	Colour of language code for the currently selected language.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-340]	Colour of language code for the currently unselected language.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-350]	Display of national flag next to the ISO language code.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-360]	Open of section in currently selected language.	C	When [eAIP-MENU-130] is implemented.
[eAIP-MENU-370]	Title of link to the current section of document in PDF format.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-380]	Display of PDF logo.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-390]	Use of Adobe® PDF icon.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-400]	Open of the page in PDF format – clicking on link.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-410]	Open of the page in PDF format – clicking on icon.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-420]	Title of link to the website of the publishing organisation.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-430]	Display of publishing organisation’s logo.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-440]	Open of the organisation's website – clicking on name.	C	When [eAIP-MENU-150] is implemented.
[eAIP-MENU-450]	Open of the organisation's website – clicking on logo.	C	When [eAIP-MENU-150] and [eAIP-MENU-430] are implemented.
[eAIP-MENU-460]	Title of the AIP tabbed page.	M	
[eAIP-MENU-470]	Title as link to the AIP table of contents.	M	
[eAIP-MENU-480]	Open of the AIP table of contents.	M	

[eAIP-MENU-490]	Colour of AIP tab when it is unselected.	M	
[eAIP-MENU-500]	Colour of AIP tab when it is selected.	M	
[eAIP-MENU-510]	Colour and font of AIP title when the tabbed page is selected.	M	
[eAIP-MENU-520]	Colour and font of AIP title when the tabbed page is unselected and not previously opened.	M	
[eAIP-MENU-530]	Colour and font of AIP title when the tabbed page is unselected and previously opened.	M	
[eAIP-MENU-540]	Appearance of AIP tab when selected.	M	
[eAIP-MENU-550]	Title of AMDT tabbed page.	M	
[eAIP-MENU-560]	Title as link to AMDT table of contents.	M	
[eAIP-MENU-570]	Open of AMDT table of contents.	M	
[eAIP-MENU-580]	Colour of AMDT tab when it is unselected.	M	
[eAIP-MENU-590]	Colour of AMDT tab when it is selected.	M	
[eAIP-MENU-600]	Colour and font of AMDT title when the tabbed page is selected.	M	
[eAIP-MENU-610]	Colour and font of AMDT title when the tabbed page is unselected and not previously opened.	M	
[eAIP-MENU-620]	Colour and font of AIP title when the tabbed page is unselected and previously opened.	M	
[eAIP-MENU-630]	Appearance of AMDT tab when selected.	M	
[eAIP-MENU-640]	Title of SUPs tabbed page.	M	

[eAIP-MENU-650]	Title as link to the SUPs table of contents.	M	
[eAIP-MENU-660]	Open of SUPs table of contents.	M	
[eAIP-MENU-670]	Colour of SUPs tab when it is unselected.	M	
[eAIP-MENU-680]	Colour of SUPs tab when it is selected.	M	
[eAIP-MENU-690]	Colour and font of SUPs title when the tabbed page is selected.	M	
[eAIP-MENU-700]	Colour and font of SUPs title when the tabbed page is unselected and not previously opened.	M	
[eAIP-MENU-710]	Colour and font of SUPs title when the tabbed page is unselected and previously opened.	M	
[eAIP-MENU-720]	Appearance of SUPs tab when selected.	M	
[eAIP-MENU-730]	Title of AICs tabbed page.	M	
[eAIP-MENU-740]	Title as a link to the AICs table of contents.	M	
[eAIP-MENU-750]	Open of AICs table of contents.	M	
[eAIP-MENU-760]	Colour of AICs tab when it is unselected.	M	
[eAIP-MENU-770]	Colour of AICs tab when it is selected.	M	
[eAIP-MENU-780]	Colour and font of AICs title when the tabbed page is selected.	M	
[eAIP-MENU-790]	Colour and font of AICs title when the tabbed page is unselected and not previously opened.	M	

[eAIP-MENU-800]	Colour and font of AICs title when the tabbed page is unselected and previously opened.	M	
[eAIP-MENU-810]	Appearance of AICs tab when selected.	M	
[eAIP-MENU-820]	Title of Search tabbed page.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-830]	Title as a link to Search facility.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-840]	Open of Search facility.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-850]	Colour of Search tab when it is unselected.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-860]	Colour of Search tab when it is selected.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-870]	Colour and font of Search title when the tabbed page is selected.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-880]	Colour and font of Search title when the tabbed page is unselected and not previously opened.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-890]	Colour and font of Search title when the tabbed page is unselected and previously opened.	C	When [eAIP-MENU-230] is implemented.
[eAIP-MENU-900]	Appearance of Search tab when selected.	C	When [eAIP-MENU-230] is implemented.
[eAIP-AIPT-010]	Inclusion of effective date on AIP table of contents	M	
[eAIP-AIPT-020]	Colour of effective date text.	M	
[eAIP-AIPT-030]	Font style for effective date.	M	
[eAIP-AIPT-040]	Font size for effective date.	M	
[eAIP-AIPT-050]	Highlight of three parts of the AIP by a blue header.	M	
[eAIP-AIPT-060]	Colour of title of the AIP part.	M	

[eAIP-AIPT-070]	Part number in title.	M	
[eAIP-AIPT-080]	Inclusion of title of the part, in title.	M	
[eAIP-AIPT-090]	Expansion of part when the table of contents is opened.	M	
[eAIP-AIPT-100]	Expansion of part table of contents tree.	M	
[eAIP-AIPT-110]	Collapse of part table of contents tree.	M	
[eAIP-AIPT-120]	Part title as a link.	M	
[eAIP-AIPT-130]	Open of part by clicking part link.	M	
[eAIP-AIPT-140]	Part table of contents lists each chapter in the part.	M	
[eAIP-AIPT-150]	Title of the chapter preceded by the name of the part.	M	
[eAIP-AIPT-160]	Number of the chapter in the title.	M	
[eAIP-AIPT-170]	Description of its contents in title of chapter.	M	
[eAIP-AIPT-180]	Default collapse of chapters in the table of contents tree.	M	
[eAIP-AIPT-190]	Expansion of chapter table of contents tree.	M	
[eAIP-AIPT-200]	Collapse of chapter table of contents tree.	M	
[eAIP-AIPT-210]	Chapter title as a link.	M	
[eAIP-AIPT-220]	Open of chapter by clicking chapter link.	M	
[eAIP-AIPT-230]	Clicking on collapsed part or chapter.	M	
[eAIP-AIPT-240]	Title of NIL section preceded by '[NIL]'.	M	
[eAIP-AIPT-250]	“NIL” under the section title for NIL sections.	M	

[eAIP-AIPT-260]	Ability to include additional supporting text for NIL sections.	O	
[eAIP-AIPT-270]	Availability of PDF format of NIL section.	M	
[eAIP-AMDTT-010]	Inclusion of effective date of the AIP Amendment.	M	
[eAIP-AMDTT-020]	Colour of effective date text.	M	
[eAIP-AMDTT-030]	Font style for effective date.	M	
[eAIP-AMDTT-040]	Font size for effective date.	M	
[eAIP-AMDTT-050]	Grouping of changes in amendment.	M	
[eAIP-AMDTT-060]	Display of group title for each group.	M	
[eAIP-AMDTT-070]	Colour of group title text.	M	
[eAIP-AMDTT-080]	Background colour of group for AIRAC amendment.	M	
[eAIP-AMDTT-090]	Background colour of group for non-AIRAC amendment.	M	
[eAIP-AMDTT-100]	Inclusion of description for each group.	M	
[eAIP-AMDTT-110]	Inclusion of chapter of the AIP where amendment(s) has been made for each group.	M	
[eAIP-AMDTT-120]	Inclusion of title of the affected chapter for each group.	M	
[eAIP-AMDTT-130]	Expansion of chapter table of contents tree.	M	
[eAIP-AMDTT-140]	Expansion of chapter by clicking on the chapter title.	M	
[eAIP-AMDTT-150]	Collapse of chapter table of contents tree.	M	
[eAIP-AMDTT-160]	Collapse of chapter by clicking on the chapter title.	M	
[eAIP-AMDTT-170]	Listing of sections of the chapter containing amendments.	M	

[eAIP-AMDTT-180]	Inclusion of section number in section listing.	M	
[eAIP-AMDTT-190]	Inclusion of section title in section listing.	M	
[eAIP-AMDTT-200]	Listing of amendments for each section.	M	
[eAIP-AMDTT-210]	Grouping of amendments by the nearest subsection title.	M	
[eAIP-AMDTT-220]	Listing of nearest subsection title.	M	
[eAIP-AMDTT-230]	Provision of name of the route segment or significant point for each group of amendments to a route table.	M	
[eAIP-AMDTT-240]	Indication of individual changes in an amendment group.	M	
[eAIP-AMDTT-250]	Link to each change.	M	
[eAIP-AMDTT-260]	Location of links.	M	
[eAIP-AMDTT-270]	Display of selected change.	M	
[eAIP-SUPT-010]	Indication of date the page was published.	M	
[eAIP-SUPT-020]	Colour of publication date text.	M	
[eAIP-SUPT-030]	Font style for publication date.	M	
[eAIP-SUPT-040]	Font size for publication date.	M	
[eAIP-SUPT-050]	Inclusion of Number/Year for AIP SUP.	M	
[eAIP-SUPT-060]	Inclusion of AIP section affected.	M	
[eAIP-SUPT-070]	Inclusion of period of validity.	M	
[eAIP-SUPT-080]	Inclusion of subject.	M	
[eAIP-SUPT-090]	Indication of AIP section affected.	M	
[eAIP-SUPT-100]	AIP section affected as a link.	M	

[eAIP-SUPT-110]	Open of eAIP section.	M	
[eAIP-SUPT-120]	Indication of from which date the AIP SUP is valid.	M	
[eAIP-SUPT-130]	Indication of a date for the end of the validity period.	O	
[eAIP-SUPT-140]	Separation of AIP SUPs in the list.	O	
[eAIP-SUPT-150]	Number/Year of the AIP SUP as a link.	M	
[eAIP-SUPT-160]	Open of AIP SUP.	M	
[eAIP-SUPT-170]	Link from the list of AIP SUPs to the AIP.	O	
[eAIP-SUPT-180]	Control and update of AIP SUPs and the AIP sections.	C	When [eAIP-SUPT-170] is implemented.
[eAIP-SUPT-190]	User warning that link may lead to an expired AIP issue.	C	When [eAIP-SUPT-170] is implemented.
[eAIP-AICT-010]	Indication of date the page was published.	M	
[eAIP-AICT-020]	Colour of publication date text.	M	
[eAIP-AICT-030]	Font style for publication date.	M	
[eAIP-AICT-040]	Font size for publication date.	M	
[eAIP-AICT-050]	AICs grouped by series.	O	
[eAIP-AICT-060]	Expansion of AIC series.	C	When [eAIP-AICT-050] is implemented.
[eAIP-AICT-070]	Collapse of AIC series.	C	When [eAIP-AICT-050] is implemented.
[eAIP-AICT-080]	Inclusion of number/year.	M	
[eAIP-AICT-090]	Inclusion of date of publication.	M	
[eAIP-AICT-100]	Inclusion of series.	M	
[eAIP-AICT-110]	Inclusion of subject.	M	
[eAIP-AICT-120]	Separation of each AIC in the list.	O	

[eAIP-AICT-130]	Number/year of the AIC as a link.	M	
[eAIP-AICT-140]	Open of AIC.	M	
[eAIP-HELP-010]	Inclusion of help regarding the eAIP.	M	
[eAIP-HELP-020]	Inclusion of help regarding system requirements.	M	
[eAIP-HELP-030]	Inclusion of help regarding menu.	M	
[eAIP-HELP-040]	Inclusion of help regarding AIP tab.	M	
[eAIP-HELP-050]	Inclusion of help regarding AMDT tab.	M	
[eAIP-HELP-060]	Inclusion of help regarding SUPs tab.	M	
[eAIP-HELP-070]	Inclusion of help regarding AICs tab.	M	
[eAIP-HELP-080]	Inclusion of help regarding Amendments.	M	
[eAIP-HELP-090]	Inclusion of help regarding the Search facility.	C	When [eAIP-MENU-230] is implemented.
[eAIP-HELP-100]	Inclusion of help regarding formats and tools for charts and graphics.	M	
[eAIP-HELP-110]	Inclusion of help regarding other features of the eAIP.	M	
[eAIP-HELP-120]	Inclusion of frequently asked questions section.	O	
[eAIP-HELP-130]	Inclusion of additional information.	O	
[eAIP-AIPC-010]	Location of part or section title.	M	
[eAIP-AIPC-020]	Inclusion of part title in header.	O	
[eAIP-AIPC-030]	Colour of part title text.	M	
[eAIP-AIPC-040]	Colour of all other titles.	O	

[eAIP-AIPC-050]	Case of part and section titles.	M	
[eAIP-AIPC-060]	Font size of part titles.	M	
[eAIP-AIPC-070]	Case of level 1 sub-sections.	M	
[eAIP-AIPC-080]	Case of level 2 sub-sections.	M	
[eAIP-AIPC-090]	Case of all other titles.	M	
[eAIP-AIPC-100]	Inclusion of AIRAC amendment and non-AIRAC amendments tables in GEN 0.2.	M	
[eAIP-AIPC-110]	Inclusion of Number/Year for each Amendment.	M	
[eAIP-AIPC-120]	Inclusion of Publication Date for each amendment	M	
[eAIP-AIPC-130]	Inclusion of Effective Date for each amendment.	M	
[eAIP-AIPC-140]	Inclusion of signature column in GEN 0.2.	M	
[eAIP-AIPC-150]	GEN 1.7 - List of data not meeting the data quality requirements of ICAO Annex 15	O	
[eAIP-AIPC-160]	GEN 1.7 - List of data not meeting the data quality requirements of the ADQ Regulation.	M	
[eAIP-AIPC-170]	Order of abbreviations.	O	
[eAIP-AIPC-180]	Access to abbreviations through fast access bar.	O	
[eAIP-AIPC-190]	Adherence of abbreviations to ICAO Doc 8400 [Reference [8]].	O	
[eAIP-AIPC-200]	List of aerodrome charts.	O	
[eAIP-AIPC-210]	Addition of sections to chapters.	O	
[eAIP-AIPC-220]	Change of chapter name and content.	O	
[eAIP-AIPC-230]	Change of table structure.	O	
[eAIP-AIPC-240]	Highlight of abbreviations in text.	O	

[eAIP-AIPC-250]	Display of hint for abbreviation.	M	
[eAIP-AIPC-260]	Inclusion of question mark on the cursor.	O	
[eAIP-AIPC-270]	Linking of sections.	O	
[eAIP-AIPC-280]	Text colour of section links.	C	When [eAIP-AIPC-270] is implemented.
[eAIP-AIPC-290]	Underlining of section links.	C	When [eAIP-AIPC-270] is implemented.
[eAIP-AIPC-300]	Open of linked sections.	C	When [eAIP-AIPC-270] is implemented.
[eAIP-AIPC-310]	Ability to show amendments to eAIP text.	M	
[eAIP-AIPC-320]	Checkbox to turn on and off display of amendments.	M	
[eAIP-AIPC-330]	Title of checkbox.	M	
[eAIP-AIPC-340]	Indication when amendments turned on.	M	
[eAIP-AIPC-350]	Presentation of text when amendment turned on.	M	
[eAIP-AIPC-360]	Display of deleted text.	M	
[eAIP-AIPC-370]	Highlighting of deleted text - AIRAC.	M	
[eAIP-AIPC-380]	Highlighting of added text - AIRAC.	M	
[eAIP-AIPC-390]	Highlighting of deleted text - non-AIRAC.	M	
[eAIP-AIPC-400]	Highlighting of added text - non-AIRAC	M	
[eAIP-AIPC-410]	Display of changes to numbering.	O	
[eAIP-AMDTC-010]	Display of content for a change.	M	
[eAIP-AMDTC-020]	Highlighting of change.	M	
[eAIP-AMDTC-030]	Font for deleted text.	M	

[eAIP-AMDTC-040]	Direct change in graphic/image.	O	
[eAIP-AMDTC-050]	Display of change to graphic/image file.	O	
[eAIP-AMDTC-060]	Background for deleted text - AIRAC.	M	
[eAIP-AMDTC-070]	Background for added text - AIRAC.	M	
[eAIP-AMDTC-080]	Background for deleted text - non-AIRAC.	M	
[eAIP-AMDTC-090]	Background for added text - non-AIRAC.	M	
[eAIP-AMDTC-100]	Location of amended text.	M	
[eAIP-SUPC-010]	Header of AIP SUP.	O	
[eAIP-SUPC-020]	Inclusion of name of the issuing State in SUP header.	M	
[eAIP-SUPC-030]	Inclusion of name of the publishing organisation in SUP header.	M	
[eAIP-SUPC-040]	Inclusion of postal address of the publishing authority in SUP header.	M	
[eAIP-SUPC-050]	Inclusion of indication that the document is an AIP SUP in SUP header.	M	
[eAIP-SUPC-060]	Inclusion of Number/Year of the AIP SUP in SUP header.	M	
[eAIP-SUPC-070]	Inclusion of effective date of the AIP SUP in SUP header.	M	
[eAIP-SUPC-080]	Inclusion of publication date of the AIP SUP in SUP header.	M	
[eAIP-SUPC-090]	Inclusion of logo of the State.	O	
[eAIP-SUPC-100]	Inclusion of telephone number of the publishing organisation in SUP header.	O	

[eAIP-SUPC-110]	Inclusion of fax number of the publishing organisation in SUP header.	O	
[eAIP-SUPC-120]	Inclusion of email address of the publishing organisation in SUP header.	O	
[eAIP-SUPC-130]	Inclusion of website address of the publishing organisation in SUP header.	O	
[eAIP-SUPC-140]	Inclusion of address of the AFS in SUP header.	O	
[eAIP-SUPC-150]	Colour of header text.	M	
[eAIP-SUPC-160]	Header including subject of AIP SUP.	M	
[eAIP-SUPC-170]	Colour of subject header.	O	
[eAIP-SUPC-180]	Colour of subject header text.	M	
[eAIP-SUPC-190]	Case of subject header text.	M	
[eAIP-SUPC-200]	Colour of all sub-headings.	O	
[eAIP-SUPC-210]	Display of deleted SUP text – replacing previous SUP	O	
[eAIP-SUPC-220]	Highlighting of deleted text – AIRAC SUP - replacing previous SUP	O	
[eAIP-SUPC-230]	Highlighting of added text – AIRAC SUP - replacing previous SUP	O	
[eAIP-SUPC-240]	Highlighting of deleted text – non-AIRAC SUP - replacing previous SUP	O	
[eAIP-SUPC-250]	Highlighting of added text – non-AIRAC SUP - replacing previous SUP	O	
[eAIP-AICC-010]	Header of AIC for administrative-related subject.	O	
[eAIP-AICC-020]	Header of AIC for ATC-related subject.	O	

[eAIP-AICC-030]	Header of AIC for safety-related subject.	O	
[eAIP-AICC-040]	Header of AIC containing Danger Area map.	O	
[eAIP-AICC-050]	Header of AIC containing maps/charts.	O	
[eAIP-AICC-060]	Inclusion of name of the issuing State in AIC header.	M	
[eAIP-AICC-070]	The name of the publishing organisation in AIC header.	M	
[eAIP-AICC-080]	Inclusion of postal address of the publishing authority in AIC header.	M	
[eAIP-AICC-090]	Inclusion of indication that this document is an AIC in AIC header.	M	
[eAIP-AICC-100]	Inclusion of Number/Year of the AIC in AIC header.	M	
[eAIP-AICC-110]	Inclusion of publication date of the AIC in AIC header.	M	
[eAIP-AICC-120]	Inclusion of logo of the State in AIC header.	O	
[eAIP-AICC-130]	Inclusion of telephone number of the publishing organisation in AIC header.	O	
[eAIP-AICC-140]	Inclusion of fax number of the publishing organisation in AIC header.	O	
[eAIP-AICC-150]	Inclusion of email address of the publishing organisation in AIC header.	O	
[eAIP-AICC-160]	Inclusion of website address of the publishing organisation in AIC header.	O	
[eAIP-AICC-170]	Inclusion of address of the AFS in AIC header.	O	
[eAIP-AICC-180]	Colour of AIC header text.	M	

[eAIP-AICC-190]	Subject of AIC.	M	
[eAIP-AICC-200]	Colour of subject header.	C	Dependent on [eAIP-AICC-010] - [eAIP-AICC-050]
[eAIP-AICC-210]	Colour of subject header text.	M	
[eAIP-AICC-220]	Case of subject header text.	M	
[eAIP-AICC-230]	Colour of sub-headings.	O	
[eAIP-AICC-240]	Display of deleted text – replacing previous AIC	O	
[eAIP-AICC-250]	Highlight of deleted text - replacing previous AIC	O	
[eAIP-AICC-260]	Highlight of added text - replacing previous AIC	O	
[eAIP-DIST-010]	Effective date of amendments – non-AIRAC.	O	
[eAIP-DIST-020]	Publication of AIP SUPs in accordance with AIRAC cycle.	O	
[eAIP-DIST-030]	Inclusion of unique identifier on external media labelling.	M	
[eAIP-DIST-040]	Content of unique identifier.	M	
[eAIP-DIST-050]	Inclusion of publication date of the eAIP on external media labelling.	M	
[eAIP-DIST-060]	Inclusion of State which has issued the eAIP on external media labelling.	M	
[eAIP-DIST-070]	Inclusion of organisation that has published the eAIP on external media labelling.	M	
[eAIP-DIST-080]	Inclusion of contact details of the publishing organisation on external media labelling.	M	
[eAIP-CONF-010]	Documentation of version of HTML.	M	
[eAIP-CONF-020]	Documentation of scripting language.	M	

[eAIP-CONF-030]	Documentation of scripting language version.	M	
[eAIP-CONF-040]	Documentation of validator used.	O	
[eAIP-CONF-050]	Documentation of browser(s) tested with eAIP.	O	
[eAIP-CONF-060]	Documentation of browser(s) version(s) tested with eAIP.	O	
[eAIP-CONF-070]	Documentation of PDF version used.	M	
[eAIP-CONF-080]	Documentation of PDF reader(s) tested with eAIP.	O	
[eAIP-CONF-090]	Documentation of version of PDF reader(s) tested with eAIP.	O	

Table 1: Implementation Conformance Statement

ANNEX C TRACEABILITY TO REGULATORY PROVISIONS

C.1 Traceability Between Regulatory Provisions and EUROCONTROL Specification for the Electronic Aeronautical Publication (eAIP)

C.1.1 INTRODUCTION

This Appendix provides traceability from regulatory provisions, in particular, from the Articles and Annexes of the ADQ IR, to the detailed technical provisions of the EUROCONTROL Specification for the Electronic Aeronautical Publication (eAIP). The ADQ IR makes extensive references to ICAO Annex 15 requirements, so traceability is also provided to the relevant Annex 15 requirements.

C.1.2 ARTICLES IN THE ADQ IR

Relevant Articles of the ADQ IR are reproduced in the first two columns of the table below, followed by a cross-reference to the corresponding paragraph in the EUROCONTROL eAIP Specification, together with explanatory notes.

C.1.2.1 Article 5. Data exchange

IR Ref.	IR Text	EUROCONTROL Specification ref.	Notes
Article 5(4).	Aeronautical information service providers shall ensure that all aeronautical data and aeronautical information within the AIPs, AIP amendments and AIP supplements provided by a Member State are made available to the next intended user, as a minimum:		
	a) in accordance with the publication requirements identified in the ICAO standards referred to in points 4 and 8 of Annex III);	Annex A, section A.3	
	(b) in a way that allows the content and format of the documents to be directly readable on a computer screen; and	Annex A, section A.3	
	(c) In accordance with the data exchange format requirements laid down in Annex II.		

C.1.2.2 Article 7. Consistency, timeliness and personnel performance

IR Ref.	IR Text	EUROCONTROL Specification ref.	Notes
Article 7(2).	Aeronautical information service providers shall ensure that aeronautical data and aeronautical information items published in the AIP of their Member State are annotated to indicate those that do not meet the data quality requirements laid down in this Regulation.	[eAIP-GEN-120] [eAIP-AIPC-150]	
Article 7(3).	Aeronautical information service providers shall ensure that the most current update cycles applicable to AIP amendments and AIP supplements are made publicly available.	[[eAIP-GEN-120][eAIP-GEN-130]	

C.1.3 ICAO Annex 15 Requirements

Relevant requirements from ICAO Annex 15 – Aeronautical Information Services, Amendment 36 [2]- are reproduced in the first two columns of the table below, followed by a cross-reference to the corresponding paragraph in the EUROCONTROL Specification for the Electronic Aeronautical Publication (eAIP), together with explanatory notes.

C.1.3.1 CHAPTER 4. Aeronautical Information Publications (AIP)

An15 Ref.	An15 Text	EUROCONTROL Specification ref.	Notes
4.1	Contents		
4.1.1	An Aeronautical Information Publication shall contain, in three parts, sections and subsections uniformly referenced to allow for standardized electronic data storage and retrieval, current information relating to, and arranged under, those subjects enumerated in Appendix 1 that appear in Roman type, except that when the AIP, or volume of the AIP, is designed basically to facilitate operational use in flight, the precise format and arrangement may be left to the discretion of the State provided that an adequate table of contents is included.	[eAIP-GEN-120]	

An15 Ref.	An15 Text	EUROCONTROL Specification ref.	Notes
4.1.2	Aeronautical Information Publications shall include in Part 1 — General (GEN): a) a statement of the competent authority responsible for the air navigation facilities, services or procedures covered by the AIP; b) the general conditions under which the services or facilities are available for international use; c) a list of significant differences between the national regulations and practices of the State and the related ICAO Standards, Recommended Practices and Procedures, given in a form that would enable a user to differentiate readily between the requirements of the State and the related ICAO provisions; d) the choice made by a State in each significant case where an alternative course of action is provided for in ICAO Standards, Recommended Practices and Procedures.	[eAIP-HIST-030] [eAIP-COV-030] [eAIP-GEN-120]	
4.1.3	The aeronautical charts listed alphabetically below shall, when available for designated international aerodromes/ heliports, form part of the AIP, or be distributed separately to recipients of the AIP: a) Aerodrome/Heliport Chart — ICAO; b) Aerodrome Ground Movement Chart — ICAO; c) Aerodrome Obstacle Chart — ICAO Type A; d) Aircraft Parking/Docking Chart — ICAO; e) Area Chart — ICAO; f) Radar Minimum Altitude Chart — ICAO; g) Instrument Approach Chart — ICAO; h) Precision Approach Terrain Chart — ICAO; i) Standard Arrival Chart — Instrument (STAR) — ICAO; j) Standard Departure Chart — Instrument (SID) — ICAO; k) Visual Approach Chart — ICAO	[eAIP-GEN-120]	
4.1.4	Charts, maps or diagrams shall be used, when appropriate, to complement or as a substitute for the tabulations or text of AIPs.	[eAIP-GEN-120]	
4.2	General specifications		
4.2.1	Each AIP shall be self-contained and shall include a table of contents.	A.3.5.10	
4.2.1.1	Each AIP shall not duplicate information within itself or from other sources.	[eAIP-GEN-120]	
4.2.1.2	When two or more States combine to issue a joint AIP, this shall be made clear both on the cover and in the table of contents.	[eAIP-GEN-120]	

An15 Ref.	An15 Text	EUROCONTROL Specification ref.	Notes
4.2.3	Each AIP shall be dated. In the case of AIPs issued in loose-leaf form, each page shall be dated. The date, consisting of the day, month (by name) and year, shall be the publication date or the effective date of the information.	[eAIP-GEN-040] [eAIP-COV-130] [eAIP-COV-140] [eAIP-HIST-100] [eAIP-HIST-110] [eAIP-HIST-160] [eAIP-HIST-170] [eAIP-HIST-220] [eAIP-HIST-230] [eAIP-AIPC-120] [eAIP-AIPC-130] [eAIP-AIPT-010] [eAIP-DIST-050]	
4.2.4	A checklist giving the current date of each page in the Aeronautical Information Publication series shall be reissued frequently to assist the user in maintaining a current publication. The page number/chart title and date of the checklist shall appear on the checklist itself	[eAIP-GEN-120]	
4.2.5	Each Aeronautical Information Publication issued as a bound volume and each page of an Aeronautical Information Publication issued in loose-leaf form shall be so annotated as to indicate clearly: a) the identity of the Aeronautical Information Publication; b) the territory covered and subdivisions when necessary; c) the identification of the issuing State and producing organization (authority); d) page numbers/chart titles; e) the degree of reliability if the information is doubtful.	A.3.3	

An15 Ref.	An15 Text	EUROCONTROL Specification ref.	Notes
4.2.7	All changes to the AIP, or new information on a reprinted page, shall be identified by a distinctive symbol or annotation.	[eAIP-AIPC-350] [eAIP-AIPC-360] [eAIP-AIPC-370] [eAIP-AIPC-380] [eAIP-AIPC-390] [eAIP-AIPC-400] [eAIP-AIPC-410]	
4.2.8	Operationally significant changes to the AIP shall be published in accordance with AIRAC procedures and shall be clearly identified by the acronym — AIRAC	First part of sentence is out of scope. For the second part, [eAIP-HIST-120]	
4.3	Specifications for AIP Amendments	A.3.7, A.3.12	
4.3.1	Permanent changes to the AIP shall be published as AIP Amendments.	[eAIP-GEN-120]	
4.3.2	Each AIP Amendment shall be allocated a serial number, which shall be consecutive.	[eAIP-GEN-120]	
4.3.3	Each AIP Amendment page, including the cover sheet, shall display a publication date.	[eAIP-AMDTT-010]	
4.3.4	Each AIRAC AIP Amendment page, including the cover sheet, shall display an effective date. When an effective time other than 0000 UTC is used, the effective time shall also be displayed on the cover sheet.	[eAIP-AMDTT-010]	
4.3.5	When an AIP Amendment is issued, it shall include references to the serial number of those elements, if any, of the Integrated Aeronautical Information Package which have been incorporated into the amendment.	[eAIP-AMDTT-170] [eAIP-AMDTT-180] [eAIP-AMDTT-190] [eAIP-AMDTT-200] [eAIP-AMDTT-210] [eAIP-AMDTT-220] [eAIP-AMDTT-230]	
4.3.6	A brief indication of the subjects affected by the amendment shall be given on the AIP Amendment cover sheet.	[eAIP-AMDTT-100]	

An15 Ref.	An15 Text	EUROCONTROL Specification ref.	Notes
4.3.7	When an AIP Amendment will not be published at the established interval or publication date, a NIL notification shall be originated and distributed by the monthly printed plain-language list of valid NOTAM required by 5.2.13.3.	[eAIP-GEN-120]	
4.4	Specifications for AIP Supplements	A.3.8, A.3.13	
4.4.1	Temporary changes of long duration (three months or longer) and information of short duration which contains extensive text and/or graphics shall be published as AIP Supplements. Note.— Guidance material on the use of AIP Supplements together with examples of such use is contained in the Aeronautical Information Services Manual (Doc 8126).	[eAIP-GEN-120]	
4.4.2	Each AIP Supplement shall be allocated a serial number which shall be consecutive and based on the calendar year.	[eAIP-SUPT-050]	
4.4.3	AIP Supplement pages shall be kept in the AIP as long as all or some of their contents remain valid.	[eAIP-GEN-120]	
4.4.5	When an AIP Supplement is sent in replacement of a NOTAM, it shall include a reference to the serial number of the NOTAM.	[eAIP-GEN-120]	
4.4.6	A checklist of valid AIP Supplements shall be issued at intervals of not more than one month. This information shall be issued through the medium of the monthly printed plain language list of valid NOTAM required by 5.2.13.3.	[eAIP-GEN-120]	
4.6	Electronic AIP (eAIP)		
4.6.1	**Recommendation**.— *The AIP, AIP Amendment, AIP Supplement and AIC should also be published in a format that allows for displaying on a computer screen and printing on paper.* *Note 1.— This composite electronic document is named "Electronic AIP" (eAIP) and may be based on a format that allows for digital data exchange.* *Note 2.— Guidance material for the production and provision of the eAIP is contained in Doc 8126.*	This eAIP Specification.	
4.6.2	When provided, the information content of the eAIP and the structure of chapters, sections and sub-sections shall follow the content and structure of the paper AIP. The eAIP shall include files that allow for printing a paper AIP.	[eAIP-GEN-120] [eAIP-GEN-130] [eAIP-MENU-150] A.3.5.4	

ANNEX D EXAMPLE PRODUCTION PROCESS

An eAIP is produced using aeronautical information stored in a database. The data is extracted and formatted using dedicated eAIP editing software. Such tools are provided by industry. A 'toolbox' that supports the development of eAIP production has been developed by EUROCONTROL and it is available under an open source licence.

Figure 20 details an example eAIP production process, from production using the XML to rendition in HTML and/or publication of an AIP in a print-ready format such as PDF. Technologies used in this process are shown as well.

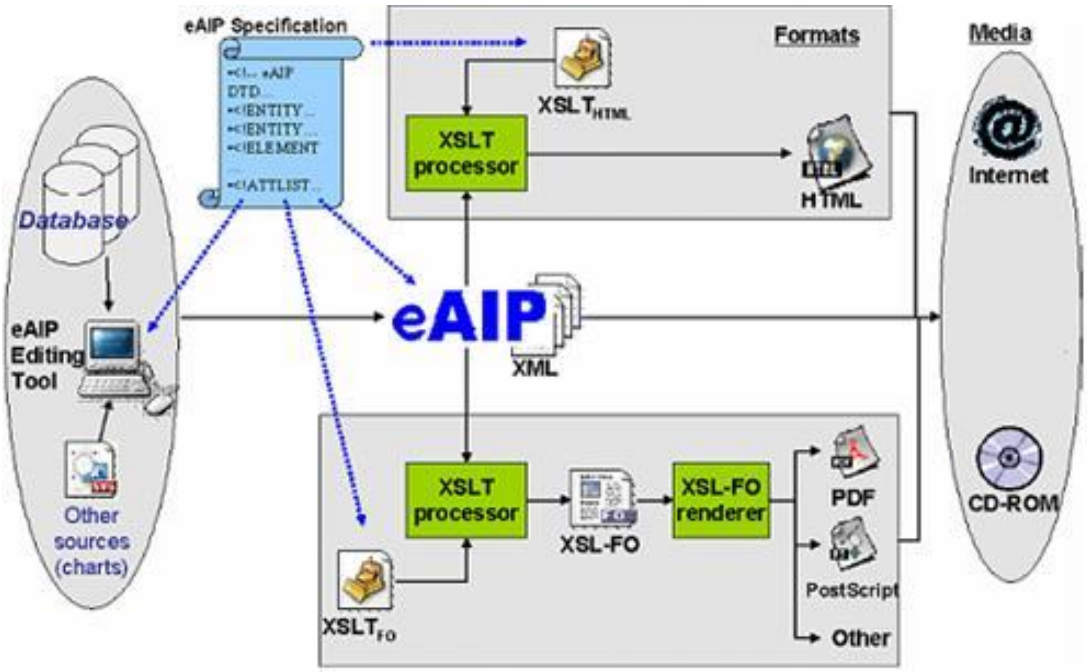


Figure 20 – Default eAIP Production Process

The advantage of this process is that the both the browsing format and the printing format are generated from the same XML files, which can be made available to the user.

Alternatively, it is possible that XML files and the files for printing are produced from different sources (See Figure 21).

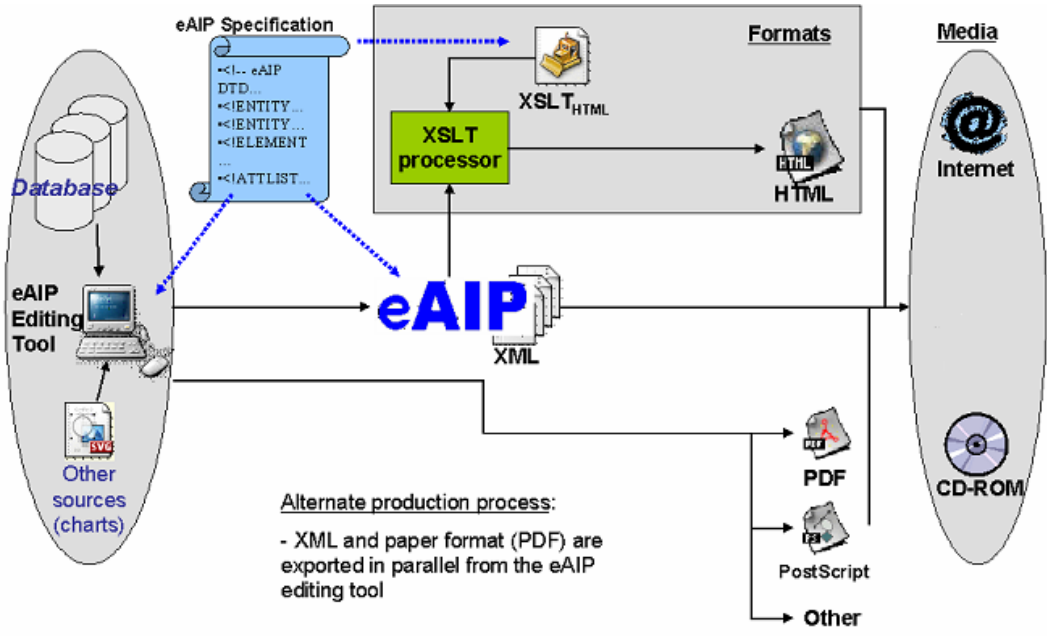


Figure 21 – Alternative eAIP Production Process

The advantage of such an alternate process is that the generation of the PDF files is more straightforward. On the other hand, the XML export process is usually embedded in the software tool and the AIP editors do not have much control over it. A difficulty of this process is to ensure that there are no discrepancies between the XML/HTML content on one side and the PDF content on the other side. The users do not have access to the original source files that were used to produce the XML and PDF format. Rendition for printing using stylesheets, etc., is outside the scope of this document.

ANNEX E SPECIFICATION UPDATE PROCEDURES

It is necessary to periodically check this EUROCONTROL eAIP Specification for consistency with referenced material, notably ICAO international and regional Standards and Recommended Practices (SARPs) and manuals[11]. The Specification is also expected to evolve following real project and field experience, as well as advances in technology.

This document is also subject to continuous review and improvement by all ATM stakeholders, including Industry, through the mechanisms available to EUROCONTROL for communicating with its stakeholders.

The main objectives of the continuous review are:

- to improve the quality of the requirements (e.g. clarity, testability, etc.);
- to verify that the level of detail published is adequate;
- to ensure that design-oriented requirements, imposing unnecessary constraints to technical solutions, have been avoided;
- to ensure that advances in technology are properly reflected;
- to make the supplying industry aware of the developments and directions in ATM systems and allow them to be prepared to cover and supply the appropriate systems.

E.1 ENPRM Process

Updates will follow ENPRM procedures[12] using the process outlined in this section.

The ENPRM Regulatory process is the mechanism by which EUROCONTROL develops rules requiring widespread consultation of Stakeholders. All interested parties (including the public) may comment on draft rules issued by EUROCONTROL before they become binding on EUROCONTROL Contracting Parties.

The ENPRM regulatory process was written to ensure traceability to, and compatibility with, related ICAO provisions. Provisions concerning implementation dates, including exemptions policy, are kept separate from the main technical provisions in order to ensure best possible harmonisation between EUROCONTROL and European Union regulatory provisions. The European Commission clearly expressed its support for the use of the ENPRM Regulatory process to develop regulatory material and encourages the use of the same mechanisms for the development of advisory material.

Certain mechanisms of the ENPRM Regulatory process are used to support the development of draft implementing rules arising from SES mandates given to EUROCONTROL. These include, notably, the Drafting, Consultation and Review of Comments Phases and regulatory impact assessment procedures.

[11] The mechanisms and working arrangements necessary to perform these checks are in the process of being considered.
[12] ENPRM procedures are defined in www.eurocontrol.int/enprm.

E.2 Update Process

The update process for this EUROCONTROL eAIP Specification may be summarised as follows:

1. All change proposals and issued changes to referenced documents will be checked in detail by an Impact Assessment Group. An Impact Assessment Report will be generated for consideration by the Specification Drafting Group (SDG).
2. The SDG will compose a new Internal Draft to propose changes, covering the impact assessment, for internal discussion.
3. The new Internal Draft will be assessed for conformance against the regulations, any relevant ICAO policies, and safety considerations.
4. If necessary, further Internal Drafts will be produced.
5. After the SDG has finalised the updates, a new Intermediate Draft will be issued for review by stakeholders in accordance with ENPRM mechanisms. Workshops may need to be conducted depending on the extent of the changes.
6. Following the reception of comments, further Intermediate Drafts will be produced, as necessary, and distributed for confirmation of correct update (optional).
7. Following a suitable period for further response, assuming that no objections have been raised, the resulting draft will be upgraded to the new Baseline Version. Approval and document change record sections will be updated accordingly. A date will be negotiated with stakeholders and set for applicability of the revised facilities. The new baseline document will be considered to be in force from that date onwards.
8. Where appropriate, a recommendation will be made to the European Commission to update the reference in the Official Journal of the European Union to recognise this new version as an EU Specification acceptable as a MoC with the EU Regulations.

ANNEX F ABBREVIATIONS

The following abbreviations are used throughout the Main Body and Annex of this EUROCONTROL eAIP Specification:

ADQ IR	Interoperability implementing rule on the quality of aeronautical data and information for the SES
AFS	Aeronautical Fixed Service
AIC	Aeronautical Information Circular
AICC	The AIC Content
AICT	The AIC Table of Contents
AIM	Aeronautical Information Management
AIP	Aeronautical Information Publication
AIPC	The AIP content
AIPT	The AIP Table of Contents
AIRAC	Aeronautical Information Regulation and Control
AIS	Aeronautical Information Services
AMDT	AIP Amendment
AMDTC	The AMDT content
AMDTT	The AMDT Table of Contents
ATM	Air Traffic Management
CND	Cooperative Network Design
CONF	Client Configuration Settings
COV	The Cover page of the eAIP
DIST	The distribution of the eAIP
DTD	Document Type Definition
eAIP	electronic AIP
EATMN	European Air Traffic Management Network
ENPRM	EUROCONTROL Notice of Proposed Rule Making
ERAF	EUROCONTROL Regulatory and Advisory Framework
EU	European Union
GEN	General aspects of the eAIP
HELP	The Help facility

HIST	The History page of the eAIP
HMI	Human-Machine Interface
HTML	Hypertext Markup Language
IAIP	Integrated Aeronautical Information Package
ICAO	International Civil Aviation Organisation
ICS	Implementation Conformance Statement
MENU	The eAIP menu
MoC	Means of Compliance
NOTAM	Notice to Airmen
PDA	Personal Digital Assistant
PDF	Portable Document Format
PIB	Pre-flight Information Bulletin
SARPs	Standards and Recommended Practices
SDG	Specification Drafting Group
SES	Single European Sky
SRCH	The eAIP Search function
SUP	AIP Supplement
SUPC	The SUP content
SUPT	The SUP Table of Contents
VFR	Visual Flight Rules
XML	Extensible Markup Language

Table 2: Abbreviations

ANNEX G DEFINITIONS

This section defines the terms specific to this EUROCONTROL eAIP Specification. Other definitions may be included by reference to other documents.

AIC	A notice containing information that does not qualify for the origination of a NOTAM or for inclusion in the AIP, but which relates to flight safety, air navigation, technical, administrative or legislative matters.
AIP	A publication issued by or with the authority of a State and containing aeronautical information of a lasting character essential to air navigation.
AIRAC	An acronym (aeronautical information regulation and control) signifying a system aimed at advance notification based on common effective dates, of circumstances that necessitate significant changes in operating practices.
AMDT	Permanent changes to the information contained in the AIP
eAIP	A version of the AIP that is published in a structured electronic format, the content of which can be viewed on a computer screen.
EATMN	The collection of systems listed in Annex I to Commission Regulation (EC) No 552/2004 [6] (the interoperability Regulation) enabling air navigation services in the EU to be provided, including the interfaces at boundaries with third countries" *(SES framework Regulation 549/2004 [5]*).
IAIP	A package that comprises the following elements: • AIP, including amendment service; • SUP; • Notice to Airmen (NOTAM) and Pre-flight Information Bulletin (PIB); • AIC; and • checklists and lists of valid NOTAM.
Interoperability	'Interoperability' means a set of functional, technical and operational properties required of the systems and constituents of the EATMN and of the procedures for its operation, in order to enable its safe, seamless and efficient operation. Interoperability is achieved by making the systems and constituents compliant with the essential requirements. *(SES framework Regulation 549/2004 [5]).*
Interoperability Target	An Interoperability Target is a description of specific operational, functional and/or technical elements within the EATMN used to support the identification of regulatory and specification provisions. Used within a EUROCONTROL Specification, it provides a high level operational and services environment description that supports understanding of what is to be achieved.

Linked text	When text is linked, it provides a hyperlink to other related text that will be opened when the linked text is clicked.
MoC element	For the purposes of this EUROCONTROL eAIP Specification, a “MoC element” specifies a means of compliance with one or more elements of the interoperability target. A set of "MoC elements" can provide one or more means of complying with the overall requirements.
Next intended user	The entity that receives the aeronautical information from the aeronautical information service provider.
NOTAM	A notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.
SUP	Temporary changes to the information contained in the AIP, which are published by means of special pages.

Table 3: Definitions

- End -



© **European Organisation for the Safety of Air Navigation (EUROCONTROL)**

This document is published by EUROCONTROL for information purposes. It may be copied in whole or in part, provided that EUROCONTROL is mentioned as the source and it is not used for commercial purposes (i.e. for financial gain). The information in this document may not be modified without prior written permission from EUROCONTROL.

www.eurocontrol.int