



**AERONAUTICAL SERVICES  
ADVISORY MEMORANDUM  
(ASAM)  
Focal Point: Gen**

ASAM.  
No: 009  
Issue 3  
Date:01.12.14  
Page 1 of 5

**Title: Guidance Material on Aeronautical Information Regulation and Control (AIRAC)'s**

## **1. INTRODUCTION**

- 1.1. Aeronautical information is constantly changing: airspace structures and routes are revised, navigation aids change, SIDs and STARs are amended, runway and taxiway information changes. It is essential, for both efficiency and safety, that Pilots, Air Traffic Controllers, Air Traffic Flow Managers, Flight Management Systems and Aviation Charts all have the same data set. This can only be achieved by following the AIRAC
- 1.2. AIRAC stands for Aeronautical Information Regulation and Control and steps from the "ICAO Annex" 15 - Aeronautical Information Services (AIS) document. This defines a series of common dates and an associated standard aeronautical information publication procedure for States.
- 1.3. The AIS provider must publish aeronautical information and data according to the AIRAC effective dates.
- 1.4. Aeronautical data originators need to be aware of the AIS provider's sign-off dates to meet each of the AIRAC effective dates. A table of associated dates are incorporated in this Memorandum.
- 1.5. The provision of Aeronautical Information Services in Ireland is subject to initial National Supervisory Authority (NSA) certification and ongoing oversight in accordance with EU Single European Sky Legislation.
- 1.6. Readers should forward advice of errors, inconsistencies, requests for further information or suggestions for improvement to this regulatory requirement to the [ansdinfo@iaa.ie](mailto:ansdinfo@iaa.ie)

## **2. REFERENCES**

- 2.1. The operation and maintenance of Aeronautical Information Services in Ireland is subject to a number of ICAO, EU and Irish Regulations, Standards and Recommended practices. Relevant legislation includes:
  - 2.1.1. "ICAO Annex" 15 to the convention on International Civil Aviation, (Aeronautical Information Services).
  - 2.1.2. "ICAO Doc" 8126-AIS Manual
  - 2.1.3. Commission Implementing Regulation (EU) No 1035/2011 of 17 October 2011 laying down common requirements for the provision of air navigation services and specific requirements for the provision of an aeronautical information service
- 2.2. ASAM No.006-Guidance Material on Aeronautical Information Publication (AIP) Change Request

## **3. DETAIL**

### **3.1. The need for control**



**AERONAUTICAL SERVICES  
ADVISORY MEMORANDUM  
(ASAM)  
Focal Point: Gen**

ASAM.  
No: 009  
Issue 3  
Date:01.12.14  
Page 2 of 5

**Title: Guidance Material on Aeronautical Information Regulation and Control (AIRAC)'s**

3.1.1.The AIS provider shall publish under the AIRAC system the establishment, withdrawal of, and premeditated significant changes (including operational trials) to aeronautical information stipulated under "ICAO Annex" 15.

3.1.2.The information under the AIRAC system shall be published in paper copy form and shall be distributed at least 42 days in advance of the effective date with the objective of reaching recipients at least 28 days in advance of the effective date. The information published shall not be changed further for at least another 28 days after the effective date, unless the circumstance notified is of a temporary nature.

3.1.3.The AIS provider shall ensure that when updating contents covered by the AIRAC system on its aeronautical database, the effective date of data coincide with the established AIRAC effective date used for the publication of information in paper copy form.

**3.2. Regulated system**

3.2.1.An AIS provider must publish AIP Amendments, AIP Supplements and aeronautical charts in accordance with the international schedule of AIRAC effective dates. The aeronautical information and data to be notified by AIRAC is as set out in "ICAO Annex" 15.

3.2.2.Aeronautical information and data changes requiring AIRAC notification must be distributed so that recipients receive the AIP Amendments, AIP Supplements and aeronautical charts at least 28 days before the AIRAC effective date.

3.2.3.Aeronautical information and data changes which constitute a major change, as set out in "ICAO Annex" 15, must be distributed so that recipients receive the AIP Amendments, AIP Supplements and aeronautical charts at least 56 days before the AIRAC effective date.

3.2.4.Aeronautical information and data published under the AIRAC system must be identified by the acronym "AIRAC".

3.2.5.AIS must provide sign-off dates to aeronautical data originators of an AIP Amendment, AIP Supplement and aeronautical chart to ensure data changes reach AIS in sufficient time for each applicable AIRAC effective date.

**3.3. Significant dates**

3.3.1.There are two significant dates associated with the AIRAC system:

3.3.1.1. Sign-off date and

3.3.1.2. The effective date

3.3.2.Sign-off dates

3.3.2.1. The date after which AIS will not accept any further changes to data. (Aircraft Flight Management Systems need the data often 20 days before the effective date to allow for the information re-coding, information uploading and distribution.)

3.3.3.The Effective Date



**AERONAUTICAL SERVICES  
ADVISORY MEMORANDUM  
(ASAM)  
Focal Point: Gen**

ASAM.  
No: 009  
Issue 3  
Date:01.12.14  
Page 3 of 5

**Title: Guidance Material on Aeronautical Information Regulation and Control (AIRAC)'s**

3.3.3.1. The date on which changes become operationally effective.

**3.4. EAD System**

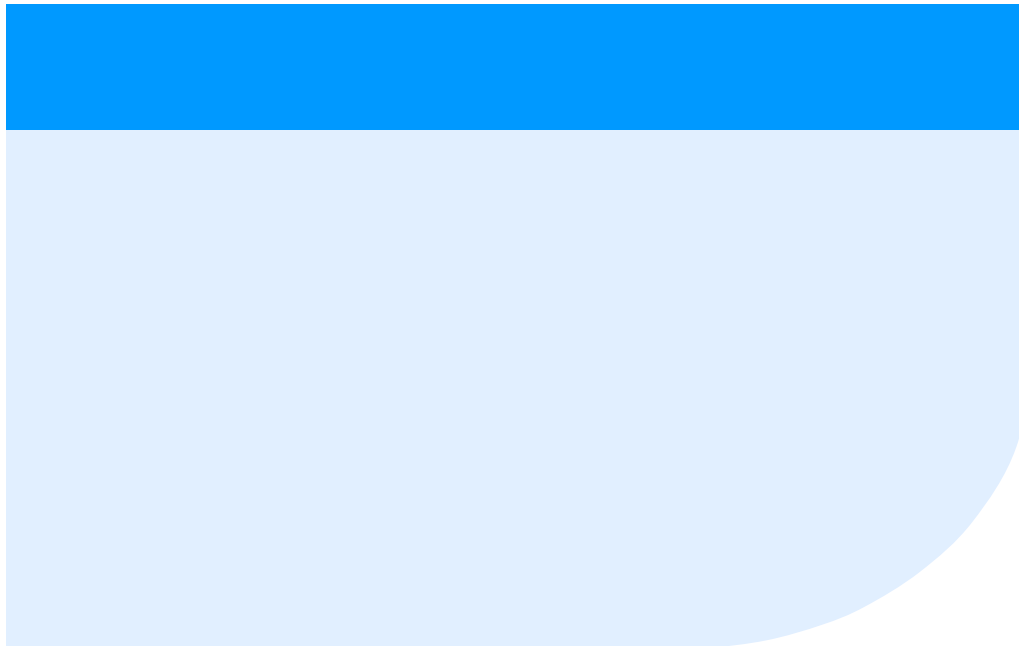
3.4.1.. The sequence for EAD means of compliance with the AIRAC standards of "ICAO Annex" 15 is –

3.4.1.1. Electronic data in AIXM format is entered in the Database prior to AIRAC minus 70 days.

3.4.1.2. This data is checked and verified by the EAD System during the 7 day period between AIRAC minus 67 to AIRAC minus 60.

3.4.1.3. Paper preparation begins following successful electronic data input at AIRAC minus 60.

3.4.1.4. Bulk printing and posting typically absorbs 7 to 10 days thus allowing approximately 8 days for initial paper preparation at AIRAC minus 60 to AIRAC minus 52.



3.4.2.The Irish State has chosen the EAD method of compliance as the acceptable means of compliance with the AIRAC Standards of "ICAO Annex" 15. Ireland has reported no differences to exist between the standards applicable within the Irish State and those of "ICAO Annex" 15.

**3.5. Use of AIRAC system during holiday periods**

3.5.1."ICAO Annex" 15 – Chapter 6 is clear: "The use of the date in the AIRAC cycle which occurs between 21 December and 17 January inclusive should be avoided as an effective date for the introduction of significant changes under the AIRAC system".

3.5.2.And in "ICAO Doc" 8126 – Chapter 4, because of reduced staffing and increased postal delays, "it is recommended that the AIRAC cycle date occurring in the 28-day period



**AERONAUTICAL SERVICES  
ADVISORY MEMORANDUM  
(ASAM)  
Focal Point: Gen**

ASAM.  
No: 009  
Issue 3  
Date:01.12.14  
Page 4 of 5

**Title: Guidance Material on Aeronautical Information Regulation and Control (AIRAC)'s**

from 21 December to 17 January (both dates included) no longer be used as an AIRAC effective date for the introduction of significant operational changes



**AERONAUTICAL SERVICES  
ADVISORY MEMORANDUM  
(ASAM)  
Focal Point: Gen**

ASAM.  
No: 009  
Issue 3  
Date:01.12.14  
Page 5 of 5

**Title: Guidance Material on Aeronautical Information Regulation and Control (AIRAC)'s**

**3.6. Schedule of AIRAC Significant dates**

<b>Sign off Date</b>	<b>Effective Date</b>
11 December 2014	05 March 2015
08 January 2015	02 April 2015
05 February 2015	30 April 2015
05 March 2015	28 May 2015
02 April 2015	25 June 2015
30 April 2015	23 July 2015
28 May 2015	20 August 2015
25 June 2015	17 September 2015
23 July 2015	15 October 2015
20 August 2015	12 November 2015
17 September 2015	10 December 2015
12 November 2015	04 February 2016
10 December 2015	03 March 2016
07 January 2016	31 March 2016
04 February 2016	28 April 2016
03 March 2016	26 May 2016
31 March 2016	23 June 2016
28 April 2016	21 July 2016
26 May 2016	18 August 2016
23 June 2016	15 September 2016
21 July 2016	13 October 2016
18 August 2016	10 November 2016
15 September 2016	08 December 2016
13 October 2016	Blocked
10 November 2016	02 February 2017
08 December 2016	02 March 2017
05 January 2017	30 March 2017
02 February 2017	27 April 2017
02 March 2017	25 May 2017
30 March 2017	22 June 2017
27 April 2017	20 July 2017
25 May 2017	17 August 2017
22 June 2017	14 September 2017
20 July 2017	12 October 2017
17 August 2017	09 November 2017
14 September 2017	07 December 2017
12 October 2017	Blocked
09 November 2017	01 February 2018
07 December 2017	01 March 2018
04 January 2018	29 March 2018
01 February 2018	26 April 2018
01 March 2018	24 May 2018
29 March 2018	21 June 2018
26 April 2018	19 July 2018
24 May 2018	16 August 2018
21 June 2018	13 September 2018
19 July 2018	11 October 2018
16 August 2018	08 November 2018
13 September 2018	06 December 2018
11 October 2018	Blocked
08 November 2018	31 January 2019