

# **IDOC 0161-18**

## **Updating IFIS Chart Revisions and Databases**

**IDOC**



**Title: Updating IFIS Chart Revisions and Databases**

**Created: Febraury 28, 2018**

## Overview

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Rockwell Collins has received inquiries about the chart revision periods as displayed on the IFIS database effectivity page.

## Details

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Chart Revision period dates help standardize the worldwide flow of aeronautical information and updates. Charts do not always include an effective date, but they will always have an issue date. When a revision is associated with an effective date, the Jeppesen Friday revision Issue Date ensures you receive any charts before they become effective (typically the following Thursday); in the case of electronic media the day it is released. Charts that do not have an effective date are considered effective (usable) upon receipt. Charts that include an effective date should only be used on or after that date. Issue dates are Jeppesen-specific production schedule references.

There are 3 time periods to consider with the overall Charts database, using examples for Cycle 04-2018.

	2018	
Cycle No	Download Availability	Issue Date
03-2018	6-Feb	9-Feb
04-2018	20-Feb	23-Feb
05-2018	6-Mar	9-Mar

- An “Early Load” period between when the database is available for download but prior to the Issue Date. (.e.g. 20-Feb to 22-Feb).
  - A yellow “NOT CURRENT” indication will appear during this time.
  - This is completely normal. The charts are designed to include a certain degree of overlap.
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  - The “14 days” of the revision period. (e.g. 23-Feb to 8-Mar)
  - A white “CURRENT” indication will appear during this time

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- A 6 day “Transition” period added to the end of the revision period. (e.g. 9-Mar to 14-Mar)
  - A white “CURRENT” indication will appear during this time
  - If you have not loaded the new charts data update by the end of the Transition Period the yellow “not current” caution will again appear, and you should update your charts database as soon as possible.

A Charts database NOT CURRENT to/from CURRENT transition will occur only on system power-up based on 09:01 Universal Time Coordinated (UTC). If the current UTC is earlier than 09:01 of the database BEGIN date, or later than 09:01 of the database END date, the system will indicate NOT CURRENT.

The following images depict the display of NOT CURRENT and CURRENT status on the DATABASE EFFECTIVITY page. Note that the “BEGIN” date to “END” date range is inclusive of the additional “6 day” Transition period.

DATABASE	BEGIN	END	STATUS
FMS 1 NAV	01 FEB 18	28 FEB 18	CURRENT
FMS 2 NAV	01 FEB 18	28 FEB 18	CURRENT
CHARTS	23 FEB 18	14 MAR 18	NOT CURRENT
AIRSPACE	01 FEB 18	28 FEB 18	CURRENT
AIRWAYS	01 FEB 18	28 FEB 18	CURRENT

Within the “Early Load” period, indicates NOT CURRENT, but is still useable

DATABASE	BEGIN	END	STATUS
FMS 1 NAV	01 FEB 18	28 FEB 18	CURRENT
FMS 2 NAV	01 FEB 18	28 FEB 18	CURRENT
CHARTS	23 FEB 18	14 MAR 18	CURRENT
AIRSPACE	01 FEB 18	28 FEB 18	CURRENT
AIRWAYS	01 FEB 18	28 FEB 18	CURRENT

Within the “14 day” revision period, indicates CURRENT (and useable)

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DATABASE	BEGIN	END	STATUS
FMS 1 NAV	01 FEB 18	28 FEB 18	NOT CURRENT
FMS 2 NAV	01 FEB 18	28 FEB 18	NOT CURRENT
CHARTS	23 FEB 18	14 MAR 18	CURRENT
AIRSPACE	01 FEB 18	28 FEB 18	NOT CURRENT
AIRWAYS	01 FEB 18	28 FEB 18	NOT CURRENT

Within the 6 day "Transition" period, indicates CURRENT (and useable)

It is also possible for the database to contain charts for which the individual chart effectivity changes within the database BEGIN/END period. On the Chart menus, a Chart in the list shows in white if the effectivity date (before/after 9:01 UTC) indicates that it is a current chart. An item in the list shows in yellow when its effectivity date indicates that it is not current.

A chart is considered not current for any of the following reasons :

- There is a new chart and its effectivity date has not yet occurred.
- The chart is to be deleted and its effectivity date has passed.
- The chart is the early cycle of amid-cycle revision and the current date/time is the late cycle of the database.
- The chart is the late cycle of amid-cycle revision and the current date/time is the early cycle of the database.

A chart that is being revised mid-cycle is identified as follows :

- A chart name with a minus sign and a date preceding the procedure ID (e.g., -21JUN LOC-Z RWY 33) is effective up to the date (before 9:01 UTC).
- A chart name with a plus symbol and a date preceding the procedure ID (e.g., +21JUN LOC-Z RWY 33) is effective on and after the date (after 9:01 UTC)

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Note: Terminal chart Internet downloads are typically available 48 hours before the issue date

If you have questions regarding this informational document, please contact your local Rockwell Collins Customer Service Engineer or call Rockwell Collins FMS Technical Support at 319.295.5000.