Transitional Considerations

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Flight Planning Process

Typical EUR Flight

Flight Plan submission

Flight Plan reception by ATC systems

= 9 hr. time spread

EOBT -8hrs

EOBT — 2hrs — ETA
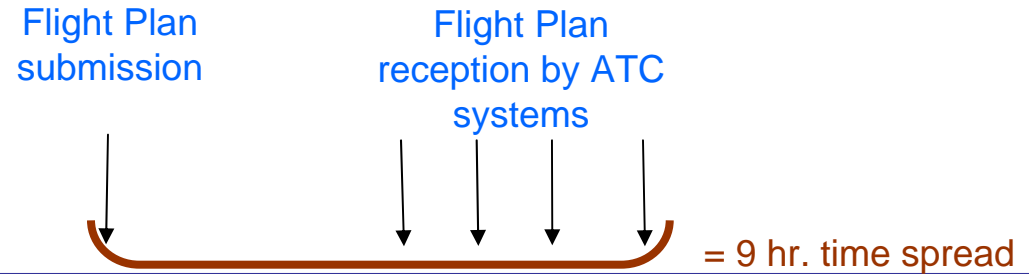
Typical Long-Haul Flight
(VHHH-EGLL)

Flight Plan submission to ARO at ADEP

00:00
15/11/2012

Flight Plan reception by ATC systems

= 17 hr. time spread

EOBT -6hrs

EOBT ———— 12hrs ———— ETA
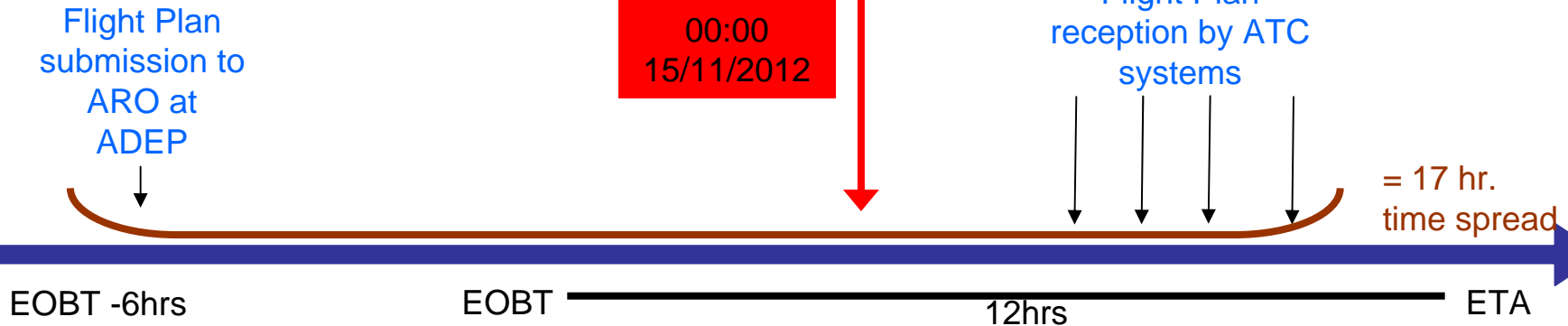
A smooth transition can only be achieved by deploying in the same sequence and, ensuring the end user remains flexible i.e.
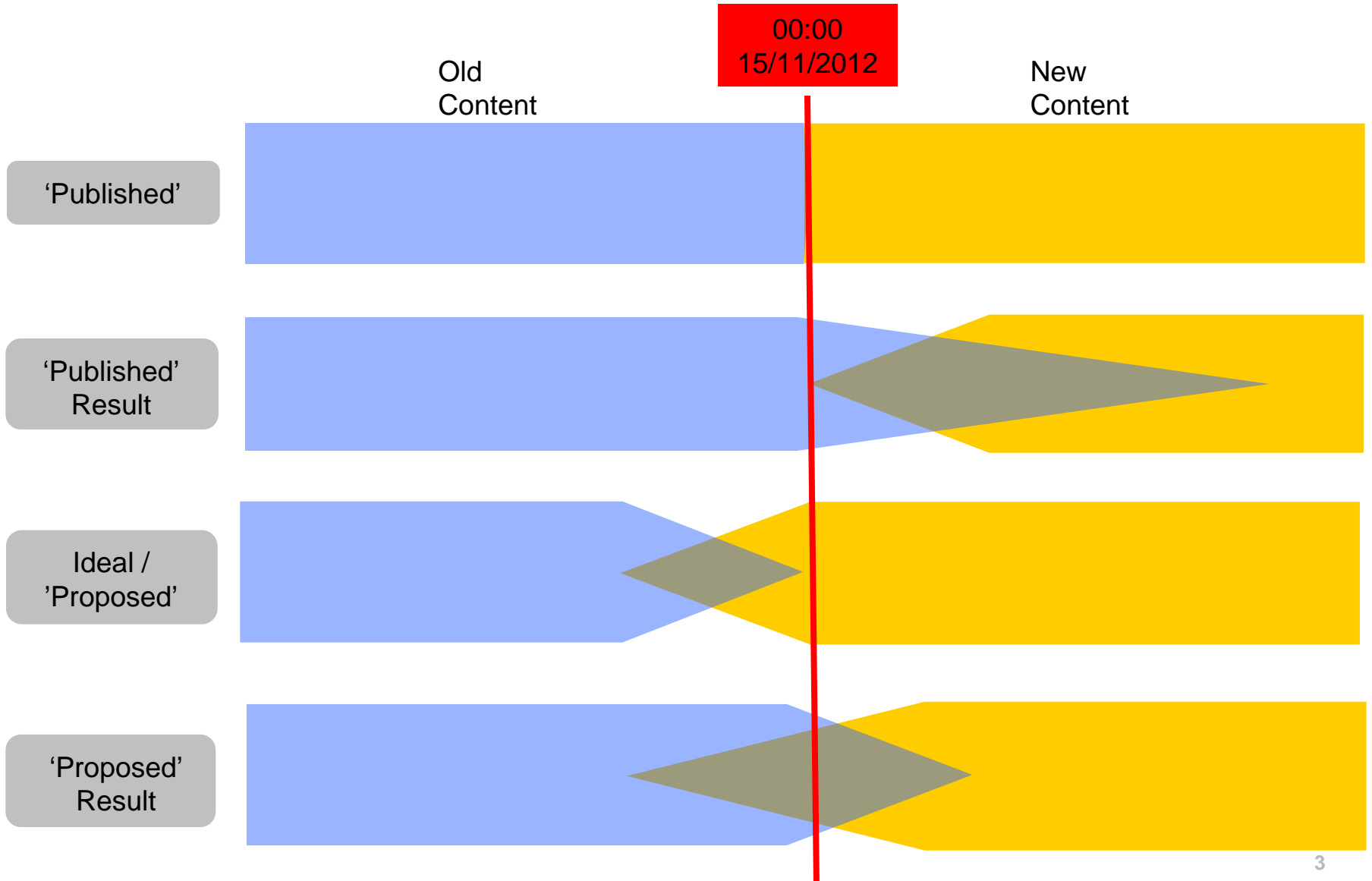
FPL creation systems ➔ FPL handling systems ➔ ATC systems

Transition – General

00:00
15/11/2012

Old
Content

New
Content

'Published'

'Published'
Result

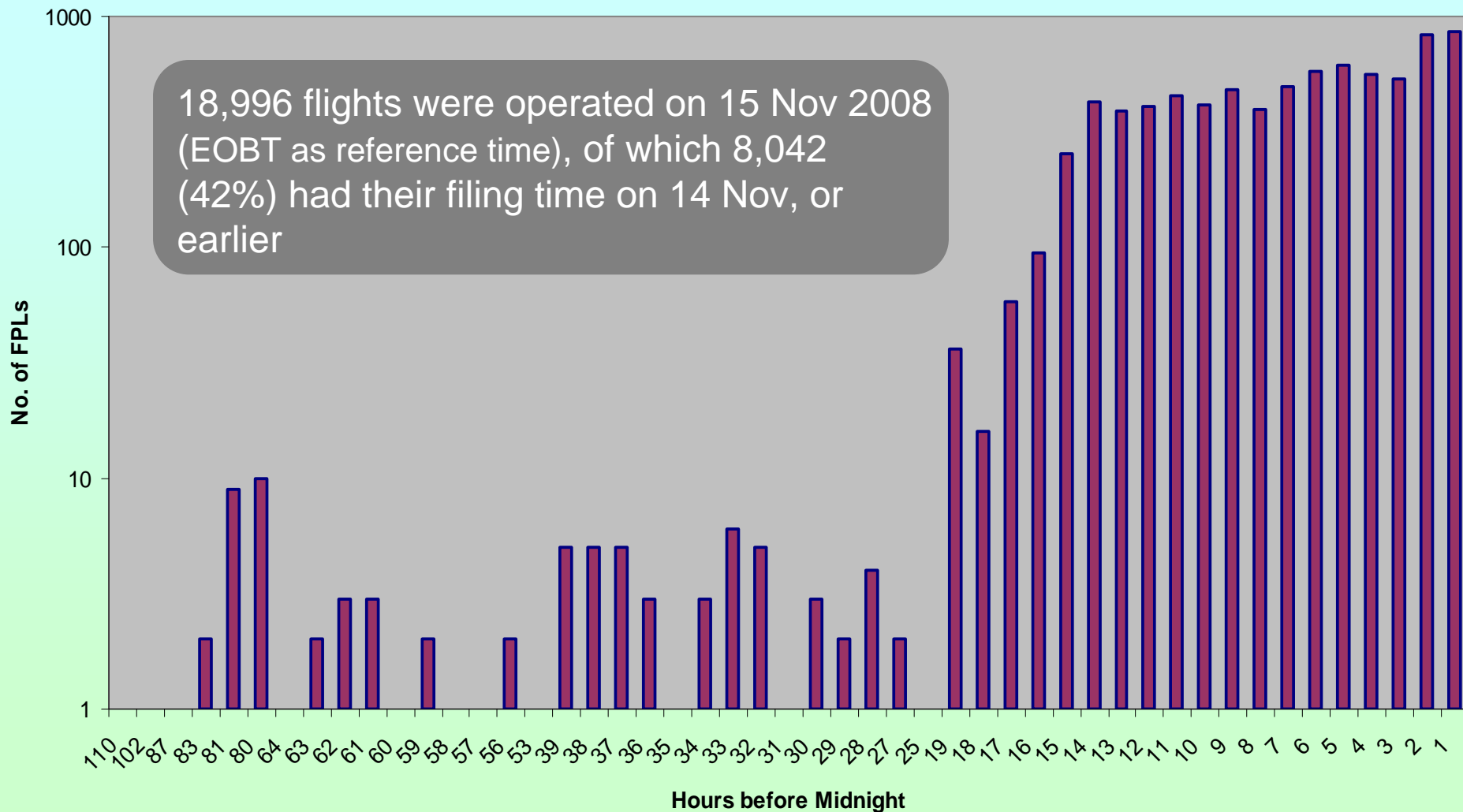Ideal /
'Proposed'

'Proposed'
Result

3

EUR Region Transition Policy

Objective: All FPLs in New format from 15/11

- AOs and CFSPs should begin to submit FPLs in New format from 00:00UTC on 12 Nov 2012 onwards
    - AROs, IFPS, ATC systems should accept New from 12/11

- FPLs should NOT be submitted in Old format after 00:00UTC on 15 Nov 2012

➔ IFPS will not accept FPLs with EOBT more than 24hrs in advance during the period 12-15 Nov 2012

➔ FPLs with EOBT on 15 Nov should be filed in New format. If necessary the AO should wait until after midnight to submit the FPL

➔ RPLs for Winter '12-'13 should be submitted in New format

Filing Time Spread

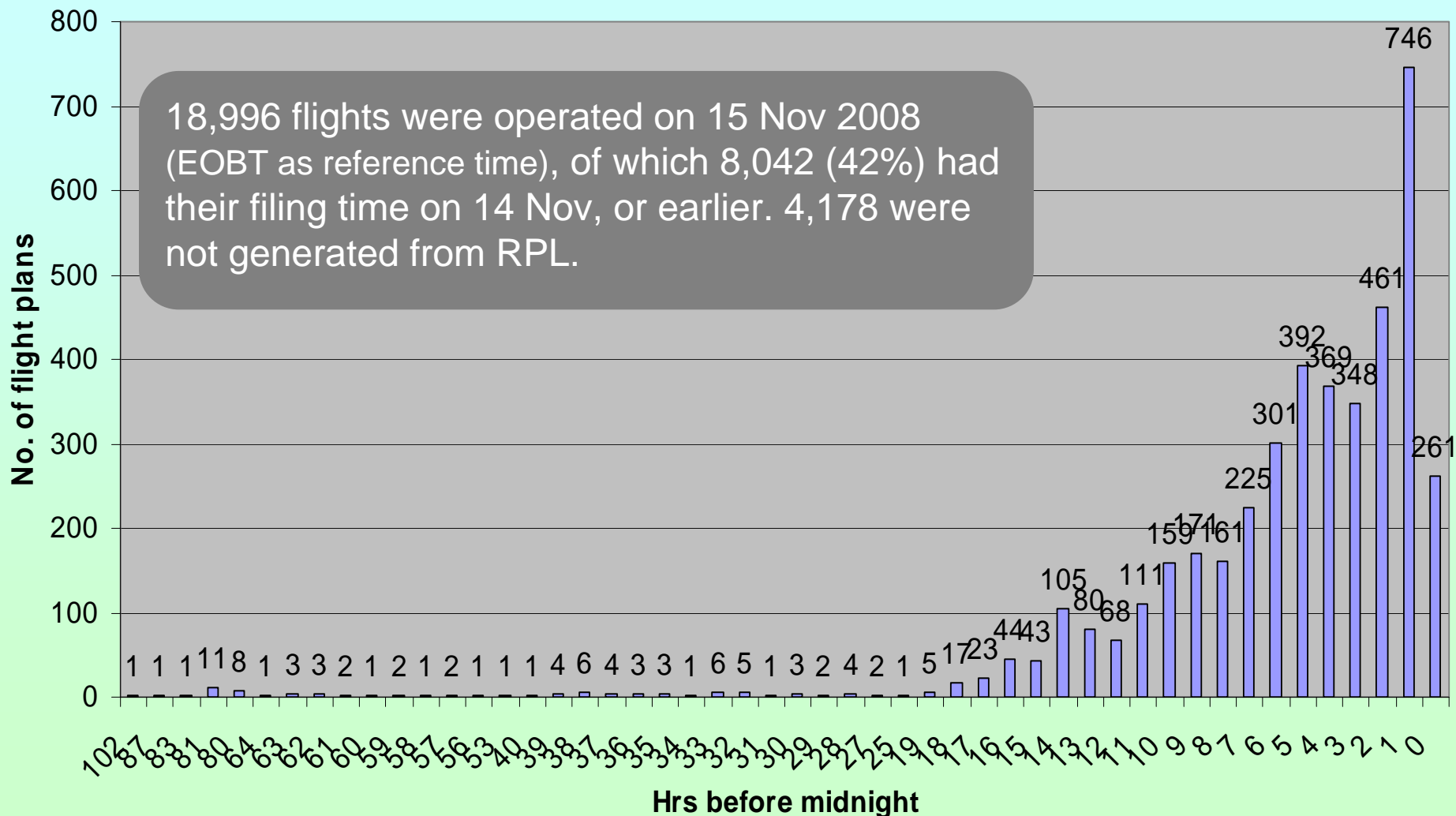**Filing Time spread for FPLs with EOBT on 15/11/08 but received before 15/11/08**

18,996 flights were operated on 15 Nov 2008 (EOBT as reference time), of which 8,042 (42%) had their filing time on 14 Nov, or earlier
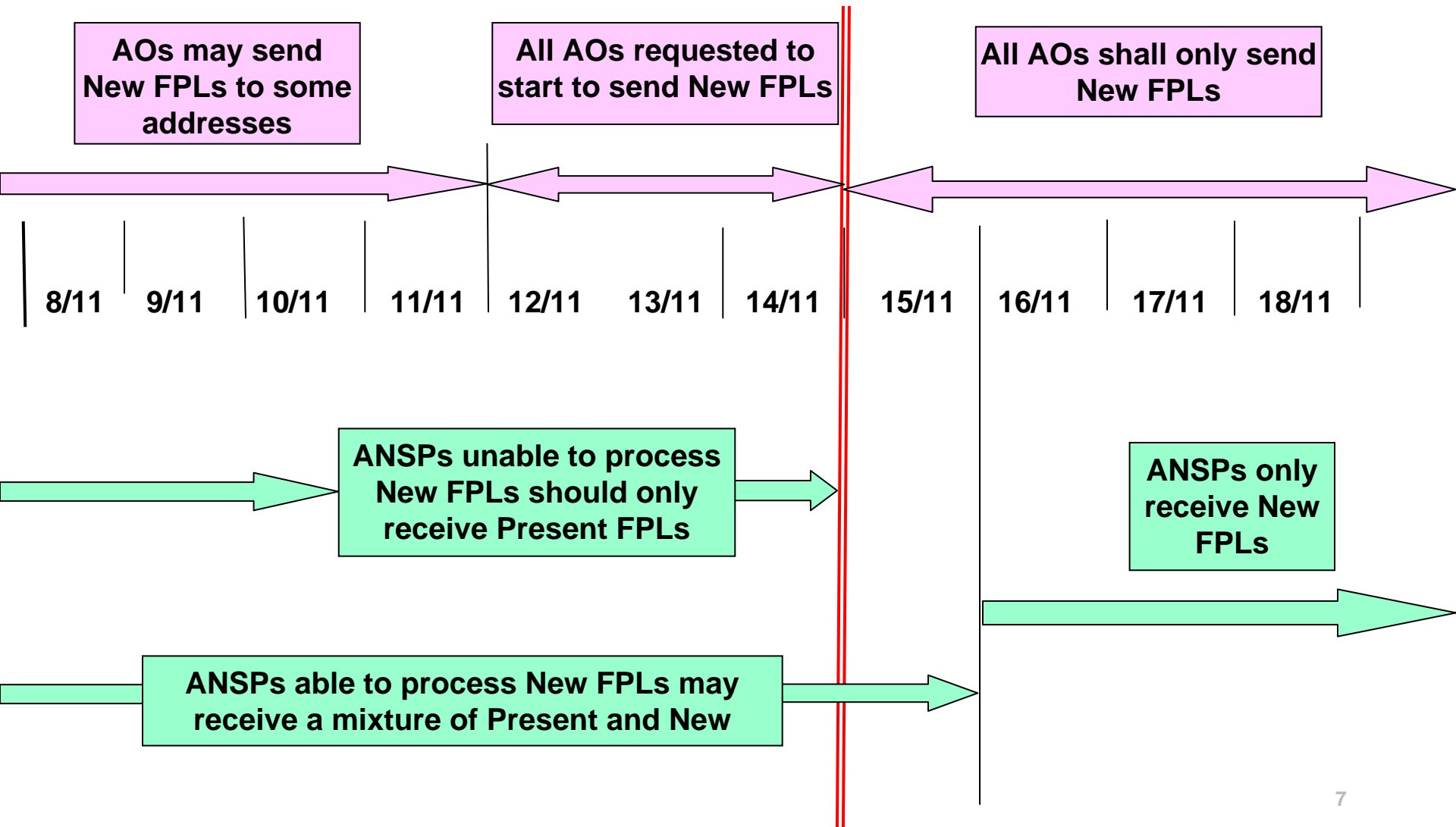
No. of FPLs

Hours before Midnight

Filing Time Spread - Non-RPL

Filing Time spread for Non-RPL Flights with EOBT on 15/11/08 but received on 14/11/08 or earlier

18,996 flights were operated on 15 Nov 2008 (EOBT as reference time), of which 8,042 (42%) had their filing time on 14 Nov, or earlier. 4,178 were not generated from RPL.

No. of flight plans (y-axis, 0 to 800)

Bar values (left to right): 1, 1, 1, 11, 8, 1, 3, 3, 2, 1, 2, 1, 2, 1, 1, 1, 4, 6, 4, 3, 3, 1, 6, 5, 1, 3, 2, 4, 2, 1, 5, 17, 23, 44, 43, 105, 80, 68, 111, 159, 171, 161, 225, 301, 392, 369, 348, 461, 746, 261

Hrs before midnight (x-axis)

108, 83, 80, 64, 63, 62, 60, 59, 58, 56, 53, 49, 43, 38, 37, 36, 35, 34, 32, 31, 30, 29, 28, 27, 25, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0

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| AOs may send New FPLs to some addresses | All AOs requested to start to send New FPLs | All AOs shall only send New FPLs |

8/11 9/11 10/11 11/11 12/11 13/11 14/11 15/11 16/11 17/11 18/11

ANSPs unable to process New FPLs should only receive Present FPLs

ANSPs only receive New FPLs

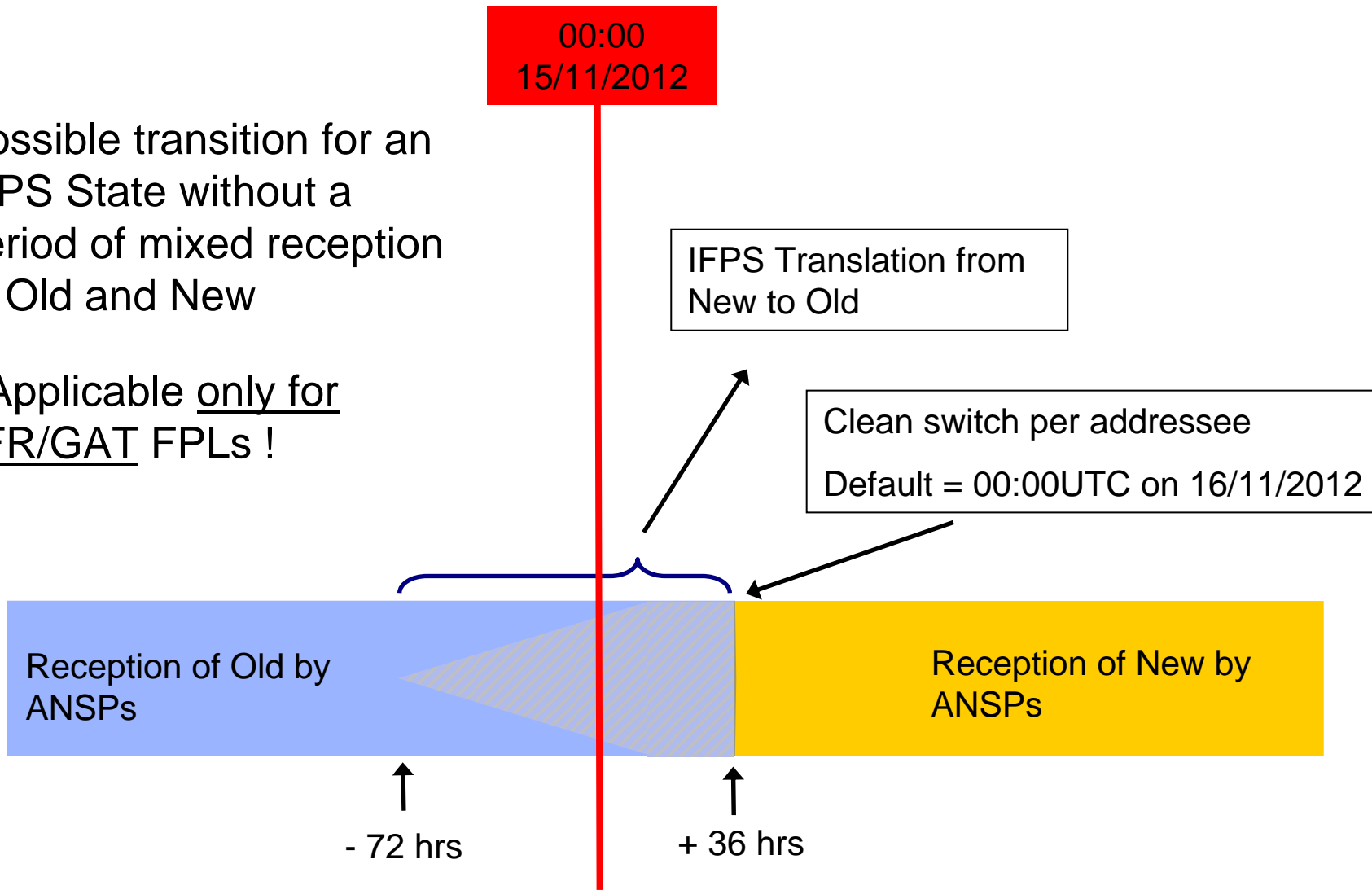**ANSPs able to process New FPLs may receive a mixture of Present and New**

Transition for IFPS States - Translation

- IFPS will implement the ability to translate from New to Old

  - Ahead of 15/11 to assist in achieving a smooth transition and to assist AO migration

  - After 15/11 to provide a mitigation against ANSP switchover difficulties, a contingency measure

- IFPS will implement modifications to enable an addressee to achieve a clean switch from Old to New after 15/11 i.e. no period of mixed Old and New
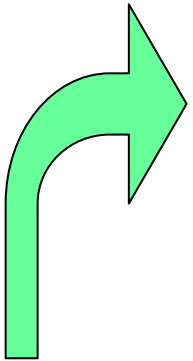
Transition – IFPS ANSPs

00:00 15/11/2012

Possible transition for an IFPS State without a period of mixed reception of Old and New

*Applicable only for IFR/GAT FPLs !

IFPS Translation from New to Old
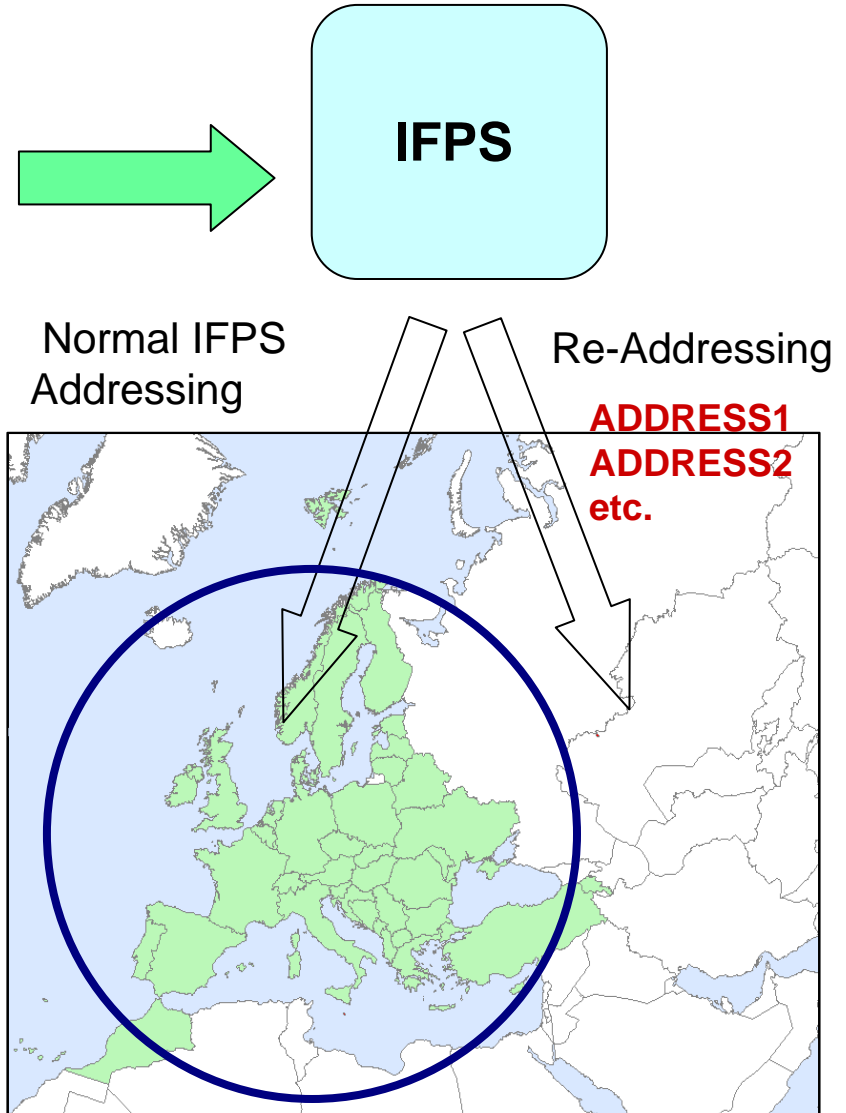
Clean switch per addressee

Default = 00:00UTC on 16/11/2012

Reception of Old by ANSPs

Reception of New by ANSPs

- 72 hrs

+ 36 hrs

FF EUCHZMFP EUCBZMFP
250920 EGLLZPZX
AD ADDRESS1 ADDRESS2
(FPL-ABC123-I/S
-B763/H-SYWE1J1M1V/SD1
-EGLL1200
-N0475F380 ...
-WSSS
-PBN/B2S2 DOF/110224)

IFPS

Aircraft
Operator

Normal IFPS
Addressing

Re-Addressing

ADDRESS1
ADDRESS2
etc.
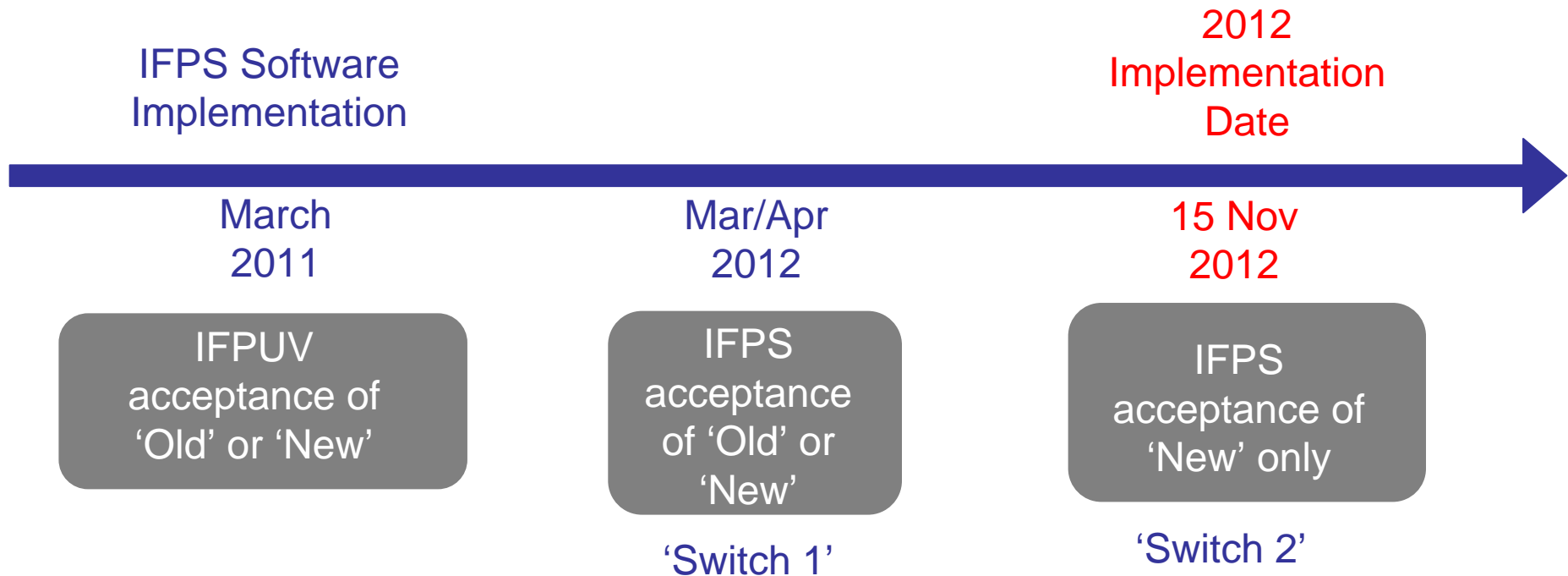
Message Addressing via IFPS

- ANSPs receiving an IFPS service may define the time at which they wish to transition to 'New' (default will be 12:00UTC on 16 Nov.)

- 'AD line' addresses unknown to IFPS will receive 'Old' format prior to 15 Nov

- 'AD line' addresses known to IFPS may define the time at which they wish to transition to 'New' (default will be 12:00UTC on 16 Nov.)

IFPS Deployment

IFPS Software Implementation

2012 Implementation Date

March 2011

Mar/Apr 2012

15 Nov 2012

IFPUV acceptance of 'Old' or 'New'	IFPS acceptance of 'Old' or 'New'	IFPS acceptance of 'New' only
	'Switch 1'	'Switch 2'

'Switch 1' = CFMU Ops acceptance of 'Old' & 'New', output of "Old only' or 'Old + New'

'Switch 2' = CFMU Ops acceptance of 'New' only, output of "Old only' or 'New only'

OLDI – Need for Change Logic

OLDI Transition
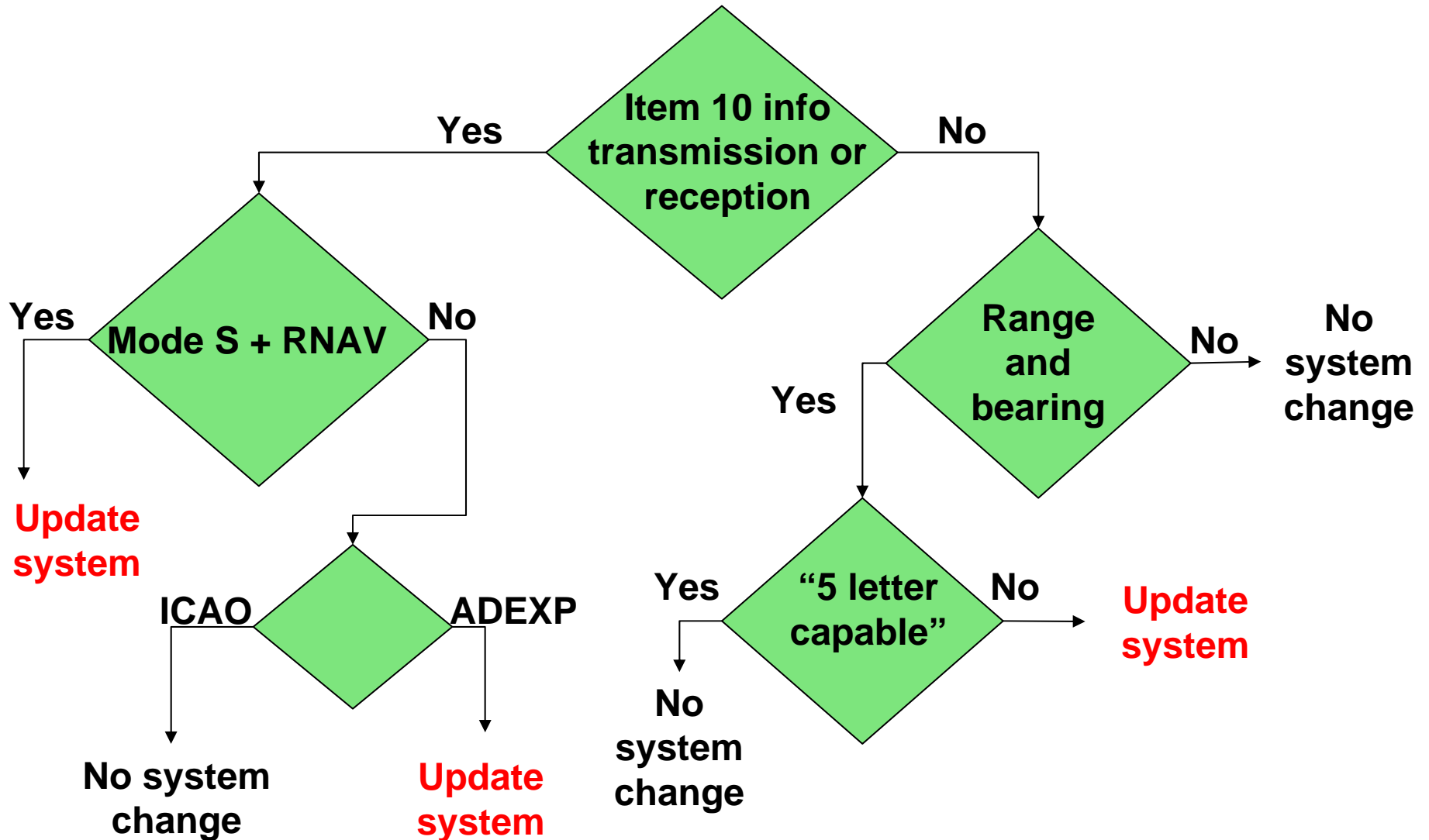
- Careful consideration for any State accepting New in advance of 15/11 or unable to process New after 15/11

- Subject to bi-lateral agreements

Resources have been planned to develop training material

- For Who ?
  - Primarily aimed at flight plan 'creators', Aircraft Operators, ARO staff, flight plan service providers, etc.

- What ?
  - CBT package dedicated to 2012 changes within the IFPS/EUR environment

- When?
  - Work has begun
  - Available externally when procedures fully understood, latest Spring 2012

- Where?
  - CFMU website – 'CFMU Course & Training' (http://www.cfmu.eurocontrol.int/cfmu/public/standard_page/courses_index.html)

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