07 - SW-NPA

CANSO-EUROCONTROL Workshop – JAN-2019

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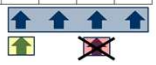
#7 – Latest on current NPA on SWAL

- SWAL Allocation

- Interface ATSP / Non-ATSP
- "Service AL" (?)
- Applicable for MET-SP

Effect Severity / Likelihood of generating such an effect	1	2	3	4
Very Possible	1	2	3	4
Possible	2	3	3	4
Very Unlikely	3	3	4	4
Extremely Unlikely	4	4	4	4



- Harmful effect only
- All effects
- ~~WCE only~~

What lies in the future of 2017/373 ?

The one that is on everybody's lips

European Aviation Safety Agency

Notice of Proposed Amendment 2017-10

Software assurance level requirements for safety assessment of changes to air traffic management/air navigation services functional systems

RMT.0469

What is in the NPA 2017-10 ?

- GENERAL REQUIREMENTS (ATM/ANS.OR.A)
  - GM on CA-SP coordination
  - GM on SP to facilitate oversight
- Non-ATSP and ATSP
  - AMC on "SW Safety Assessment System"
  - GM on reference to Standard Documents: ED109A, ED153…

What is in the NPA 2017-10 ?

NB: GM only

- Non-ATSP
  - SWAL (allocation ?) expected as part of the Specifications
- ATSP
  - SWAL allocation as part of the S.A. - ?Severity Classification Scheme?
  - SWAL as an input to the Specifications (when applicable)

Open issues – SWAL allocation

- Which Severity Classification Scheme?

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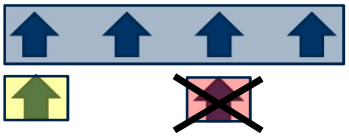

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Open issues – SWAL Allocation

- Allocation : other approaches discussed
  - Use of other Allocation Tables (occurrence ?)
  - Notion of "Service Assurance Level"

What is clear:

- ATSP and Non-ATSP will have to have SWALs
- This will apply to MET-SP

Open issues – SA/SSA

- Coordination between ATSP and NON-ATSP
  - Specifications / Behaviour requirements
  - Demonstration of SWAL
    - Building the assurance documentation
    - Owning the responsibility

Expect the NPA to be published

- HWAL parked
- Almost as-is
- Ok, but when?

Not before
Q1 2019

- Will apply from 2020-01-02!

Questions?