BEA

Bureau d'Enquêtes et d'Analyses
pour la sécurité de l'aviation civile

ECCAIRS-SRIS
Safety Recommendations
Information System

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Plan

- **Safety recommendations**

    Regulatory Bases

    History

- **Consistency of SRs database**

    Common guidance

- **Relevance of SRs Data**

    ECCAIRS « occurrence » - SRIS

    data link

- **Outlook on ECCAIRS/SRIS further developements**

Safety Recommendations

Regulatory Bases

➢ **Annex 13**

Standards and Recommended Practices

➢ Addressee: must respond within 90 days

➢ **Regulation (EU) N° 996/2010 of 20/10/2010**

Obligations:

✓ Safety Investigations Authorities (SIAs): use of a Safety Recommendations Database (European central repository) SRIS

✓ Procedures and followup actions Setup by Member States (MS) SIAs

✓ For the Addresse: response within **90 days**

✓ For the Originator give an assessment within **60 days**

History 1/4

- **May 2006**
    - ➤ **ECAC workshop** defining the **Key points** of a Safety recommendation (SR) addressing principles to be used, editorial referencing (e.g. FRAN-20XX-00X, etc..)
        - Outcome used by the ICAO-AIG 2008 Divisional meeting and the evolution of Annex 13
- **January 2011**
    - ➤ Set up of ENCASIA by the SIAs of the Safety Recommendations in the SRIS database (taking effect from the recos issued in 2010)

- **January 2013**
  - ➤ **Set up of ENCASIA Working Groups** (WGs) and definition of ToRs (WG6: dedicated to safety recommendations). 2 meetings / year at the European Commission. Evolution of SRIS (guidance, best practices, taxonomy, "standardization" practices, etc.)

- **June 2013**
  - ➤ **Kick off of ENCASIA WGs:** Definition and validation of the ToRs and working axes related to the SRs and the database (architecture, taxonomy, anonymisation, etc.)
  - ➤ **Definition of ToRs (WG6: dedicated to safety recommendations).** 2 meetings / year at the European Commission. Evolution of SRIS (guidance, best practices, taxonomy, "standardization" practices, etc.)

History 3/4

- **June 2015**
  - ➡ Set Taken into account by the JRC (ISPRA) of the work carried out by the WG6 and implementation of an improved ECCAIRS / SRIS version V.6 (simplified taxonomy, architecture adapted to SRIS needs) meeting the expectations of SIAs

- **January 2016**
  - ➡ Set Implementation of the public database of Safety Recommendations on the ENCASIA website
    https://ec.europa.eu/transport/modes/air/encasia/activities_en

History 4/4

- **September 2017**
  - ➥ Opinion of ENCASIA to the Commission recommending the publication of the replies sent by the addressees to the recommendations addressed to them.
  https://ec.europa.eu/transport/sites/transport/files/sris-ancasia-opinion_0.pdf

- **May 2019**
  - ➥ Publication of the responses on the SRIS page (ENCASIA Website)
  - ➥ https://ec.europa.eu/transport/modes/air/encasia_en

Consistency of SRs Database

Common guidances

- **Consistent SRs database at European Union level**
  - ➥ **Common guidances**
    - Drafting a SR
    - Consultation process
    - Follow up and status / responses and SIAs assessment
    - Closing action
    - Quality process (data cross-check)
    - SRGC/SRUR
- **February 2019**
  - ➥ ENCASIA SRs Policy

Relevance of SRs Data

Relevance of SRs Data

ECCAIRS Occurrence

SRIS

Data link
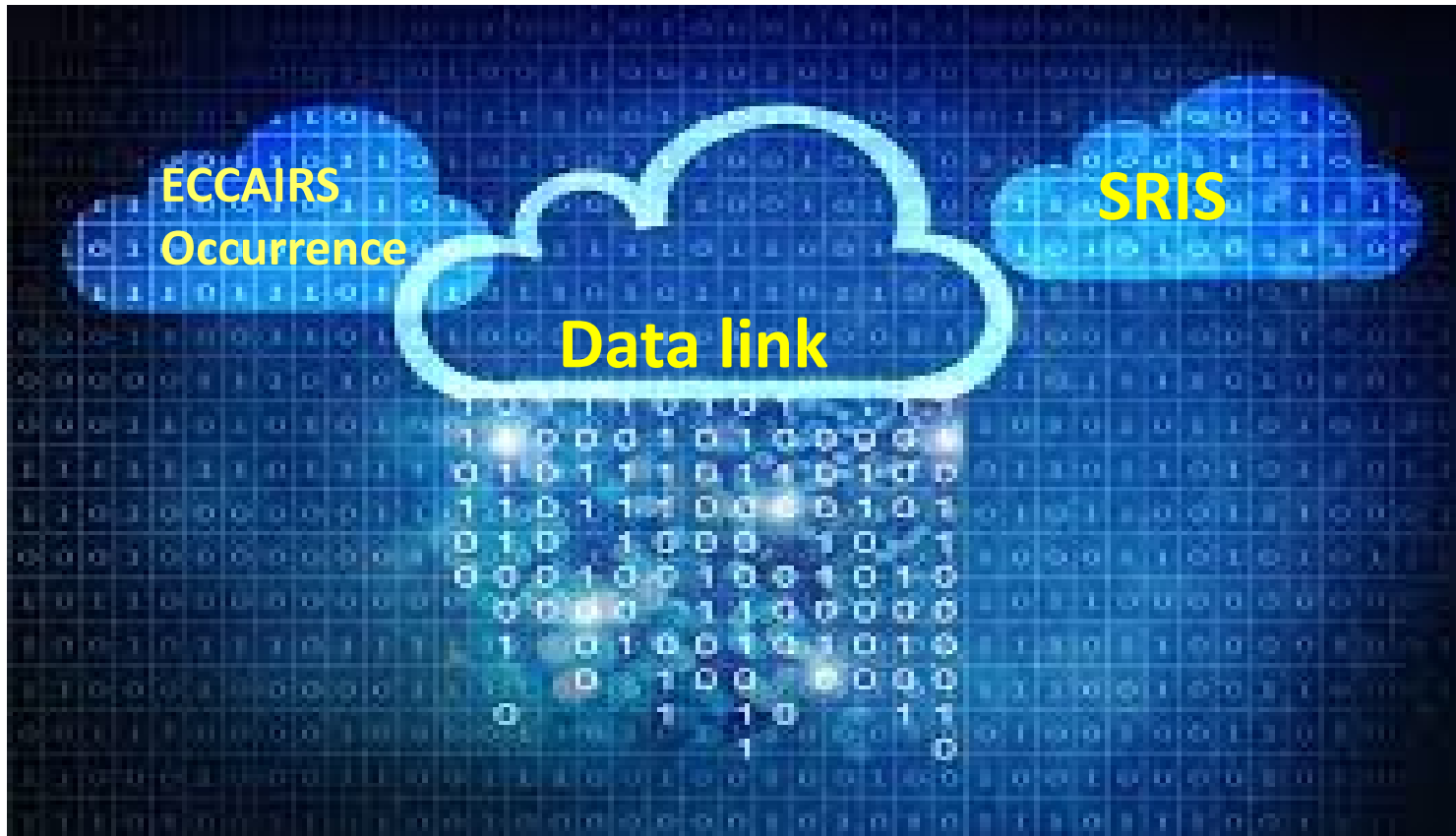
Integration of occurrence data 1/3

ECCAIRS occurrence information

Into SRIS

Integration of occurrence data 2/3

ECCAIRS occurrence information
Into SRIS

BEA

Occurrence file number

Some « In vivo » examples

- https://eccairs-dds.jrc.ec.europa.eu/sris/default.asp

Outlook on ECCAIRS/SRIS further developments

ECCAIRS 2.0 and Key users

- **Wait for ECCAIRS 2.0 model**
  - ➡ Development of the SRIS architecture
  - ➡ Key Users Group
- **2 levels of data queries**
  - ➡ Search engine

  http://eccairs-eval.softeco.it/E5SRISTextSearch/Public/default.aspx

  (Assessment stage by WG6 since January 2017)
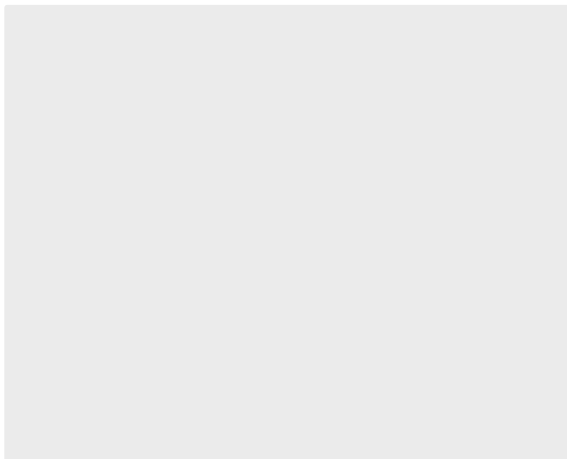 - ➡ Detailed queries in SRIS and data manager (Safety Studies, etc…)
- **Direct Stakeholders**
  - ➡ SIAs, EASA, NAAs,
  - ➡ Manufacturers ?

Thanks for your attention

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