SNS Data Structure

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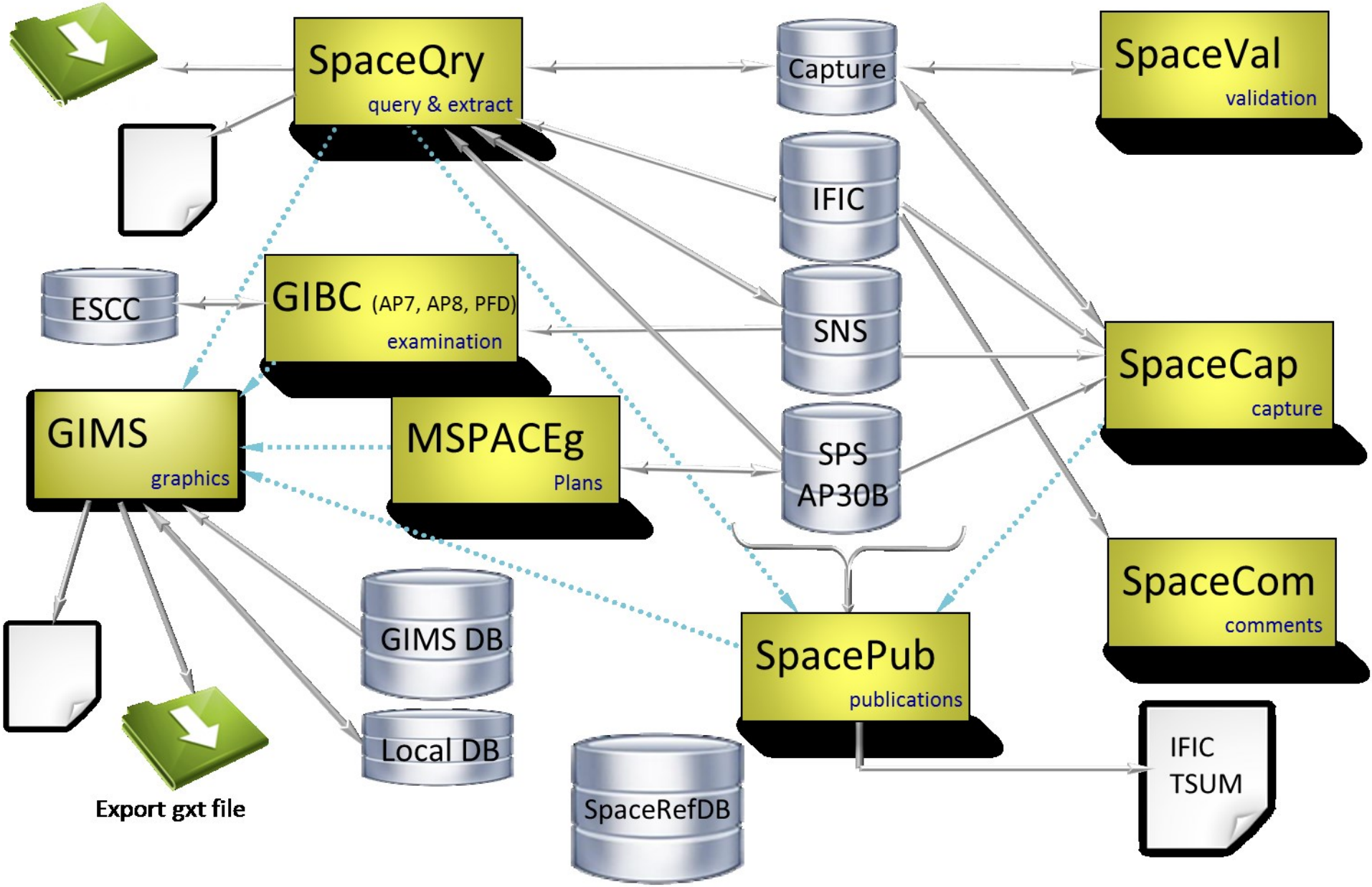
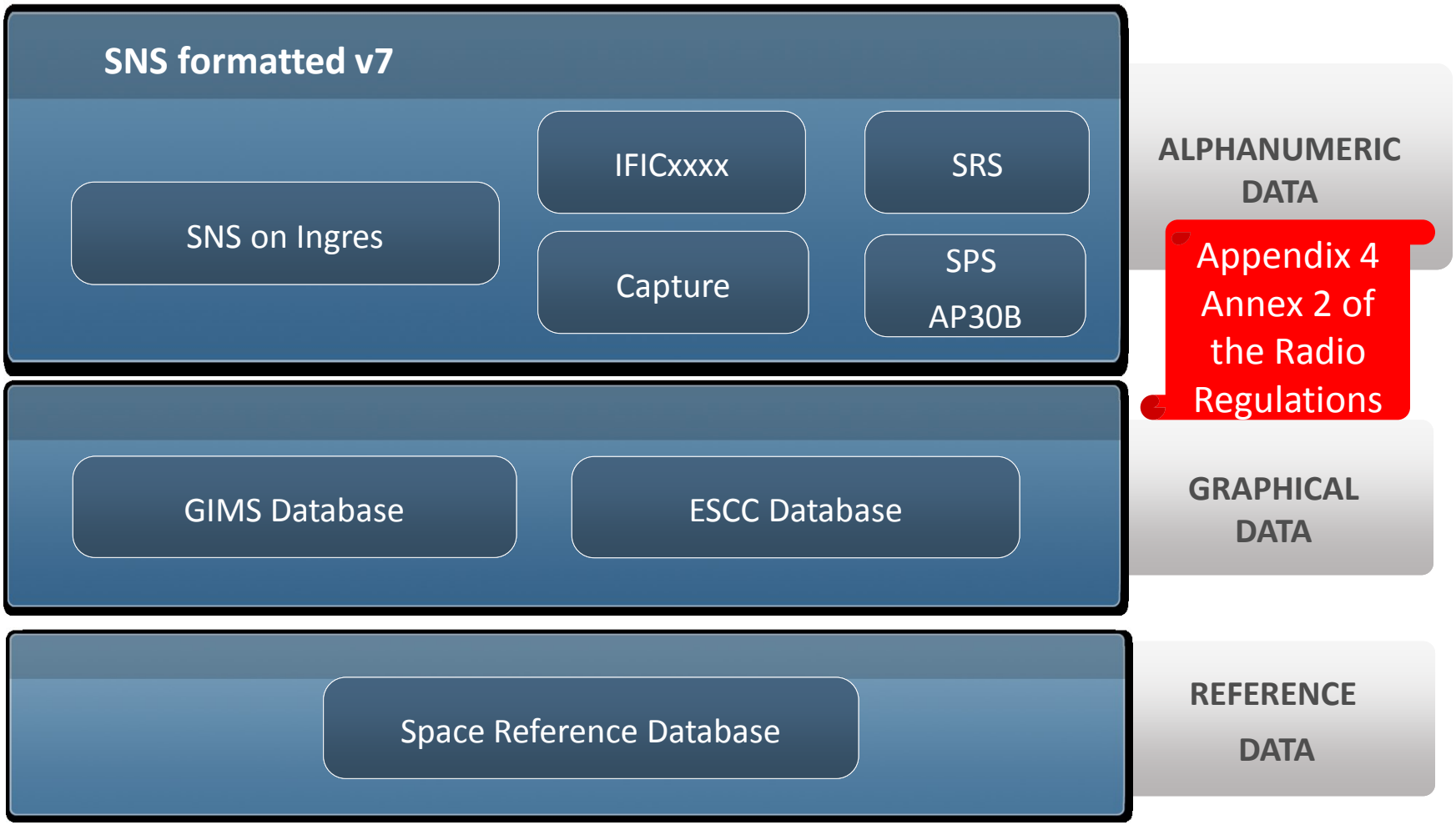
Space Network System



BR Space Databases



BR Space Databases

SNS format databases

SNS on Ingres: **MASTER** database used in-house for production in BR and externally via SNS-online

SRS on MS Access: Snapshot of the Master International Frequency Register taken at the time the BR IFICxxxx DVD-ROM is produced

IFICxxxx on MS Access: Contains Part-IS, Part-IIS, Part-IIIS and Special Sections API/A, CR/C and RES49 present in the BR IFICxxxx DVD-ROM.

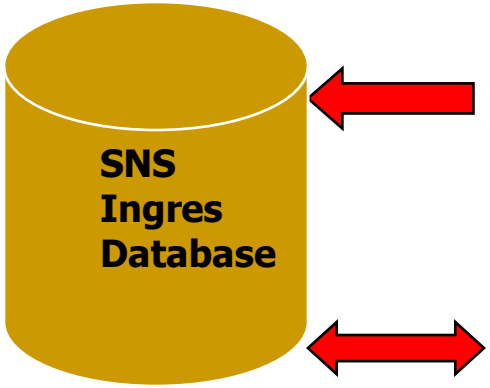
SPS and AP30B on MS Access: Contain data concerning the technical characteristics and reference situation for networks of the planned space services

SNS Databases

SNS Master Database On Ingres

in the Master Register

- ❑ Coordination and Notification
- ❑ Advance Publication
- ❑ Resolution 49

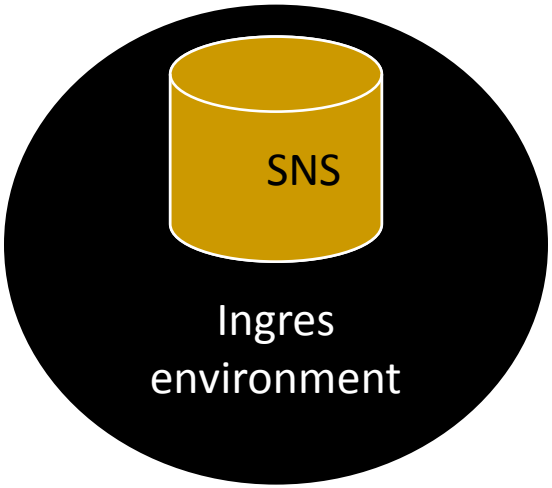


- Electronic Filings received by the BR
  - New assignments
  - Mod of existing
  - Delete existing
- Notifications in technical Examination

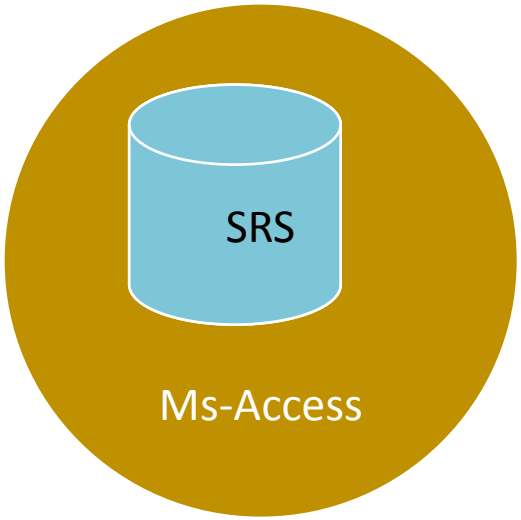
SNS Databases

SRS_all.mdb on the BR SPACE IFIC DVD

- **Published every IFIC DVD**
- **Snap-shot of the SNS** Master **Database**



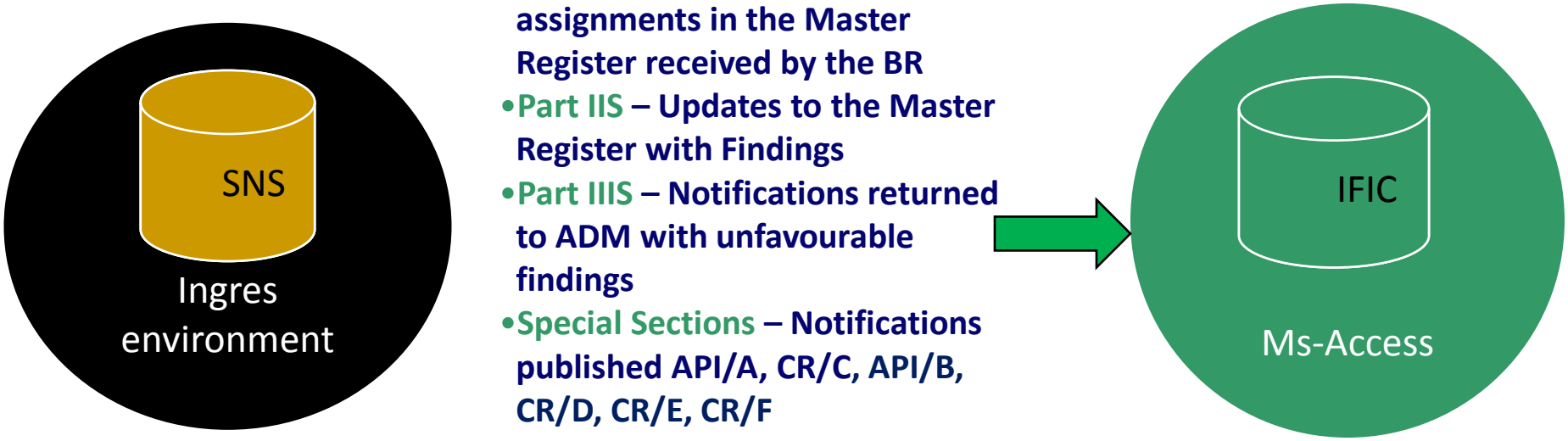
- Coordinations and Notifications in the **Master Register**
- **in Technical Examination**
- **for Advance Publication**
- **for Resolution 49**



SNS Databases

IFICnnnn.mdb on the BR IFIC DVD

- **Published every 2 weeks**



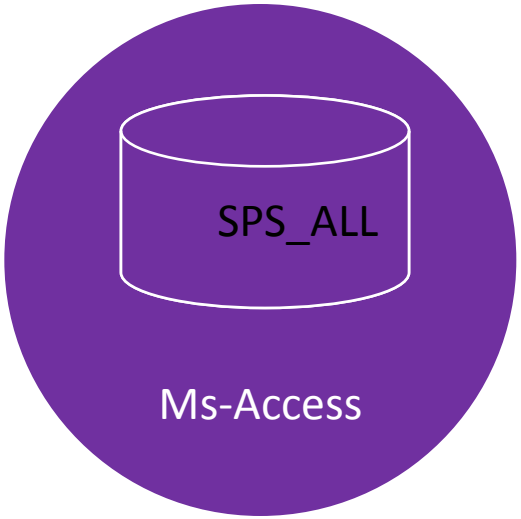
- **Part IS – new frequencies or modifications, cancellations of assignments in the Master Register received by the BR**
- **Part IIS – Updates to the Master Register with Findings**
- **Part IIIS – Notifications returned to ADM with unfavourable findings**
- **Special Sections – Notifications published API/A, CR/C, API/B, CR/D, CR/E, CR/F**

SNS Databases

SPS_ALL.mdb on the BR IFIC DVD

Published on the IFIC

- Appendices 30/30A
  - Region 1 and 3 Plan, List and Pending Article 4 networks
  - Article 2a of Appendices 30 and 30A
- RARC SAT-R2 Region 2 Plan
- Article 5 of Appendices 30 and 30A
- Resolution 49



Download from

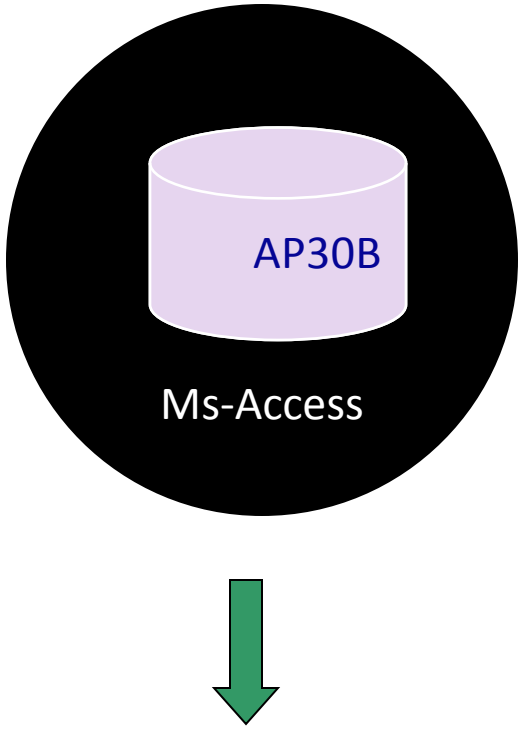
http://www.itu.int/en/ITU-R/space/plans/Pages/default.aspx

SNS Databases

Appendix 30B Database on the BR IFIC DVD

Published on the IFIC

- Appendix 30B
  - Plan, List and Pending Article 6 networks
  - Article 8 of Appendix 30B



Download from

http://www.itu.int/en/ITU-R/space/plans/Pages/default.aspx

Other BR Space Databases

Graphical Reference Database

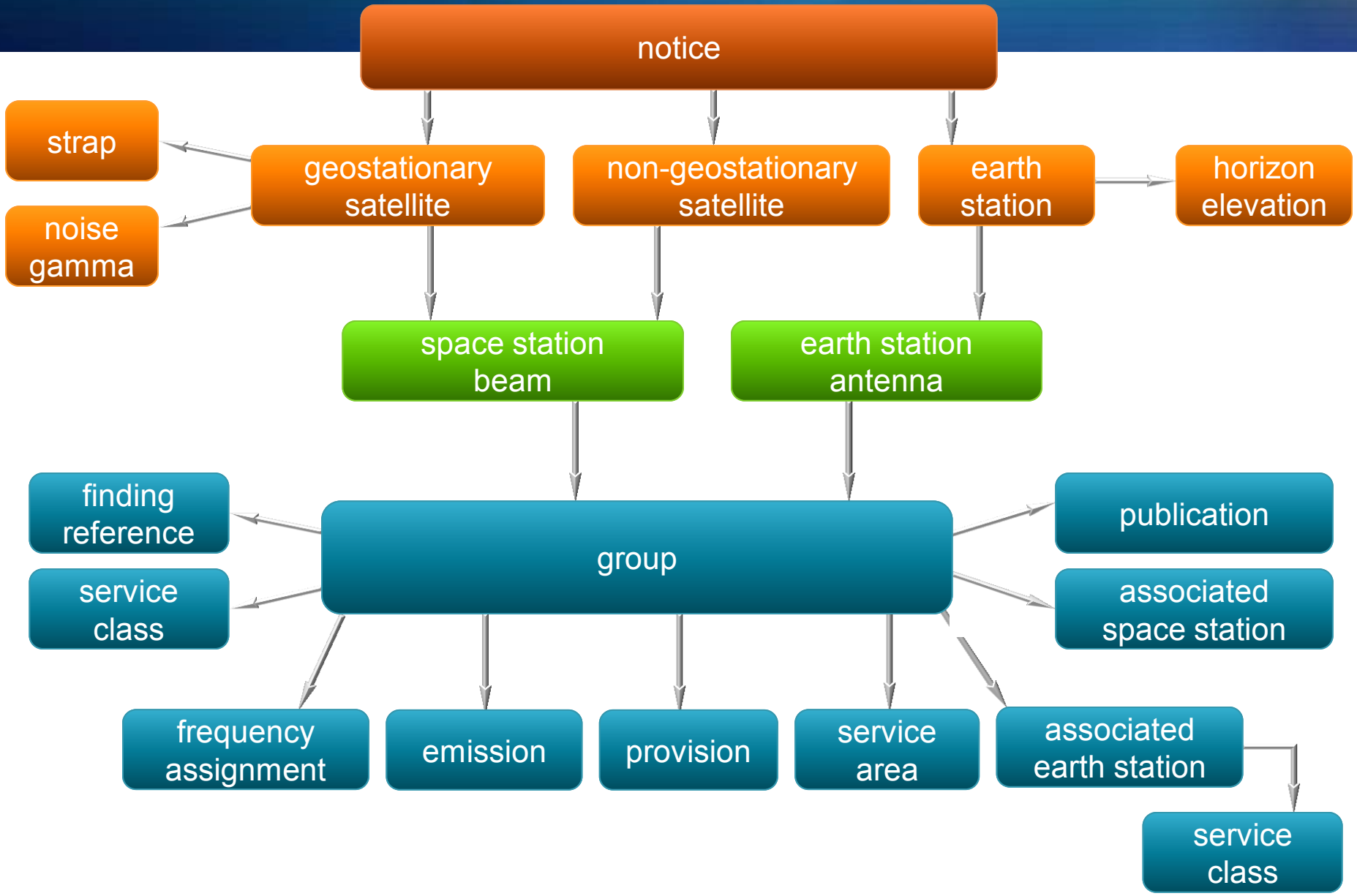
REFDB on MS Access: Contains the GIMS (Graphical Interference Management System) reference database. The Bureau now publishes the complete GIMS reference database on each BR IFIC.

ESCC on MS Access: Reference database for Earth Station Coordination Contours.

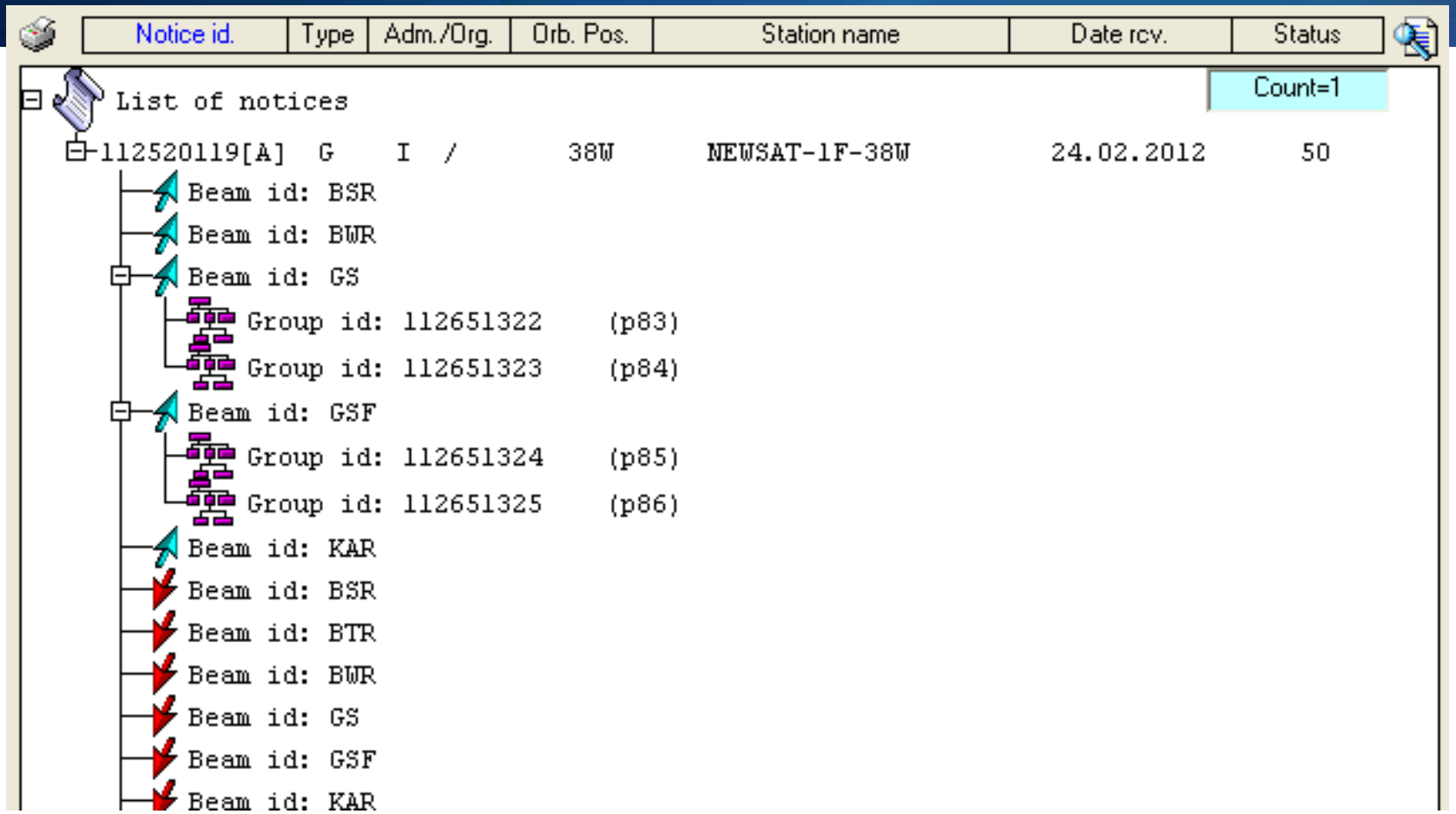
Space Reference Database

SpaceRefDB on MS Access: Contains reference tables used by BR Software.

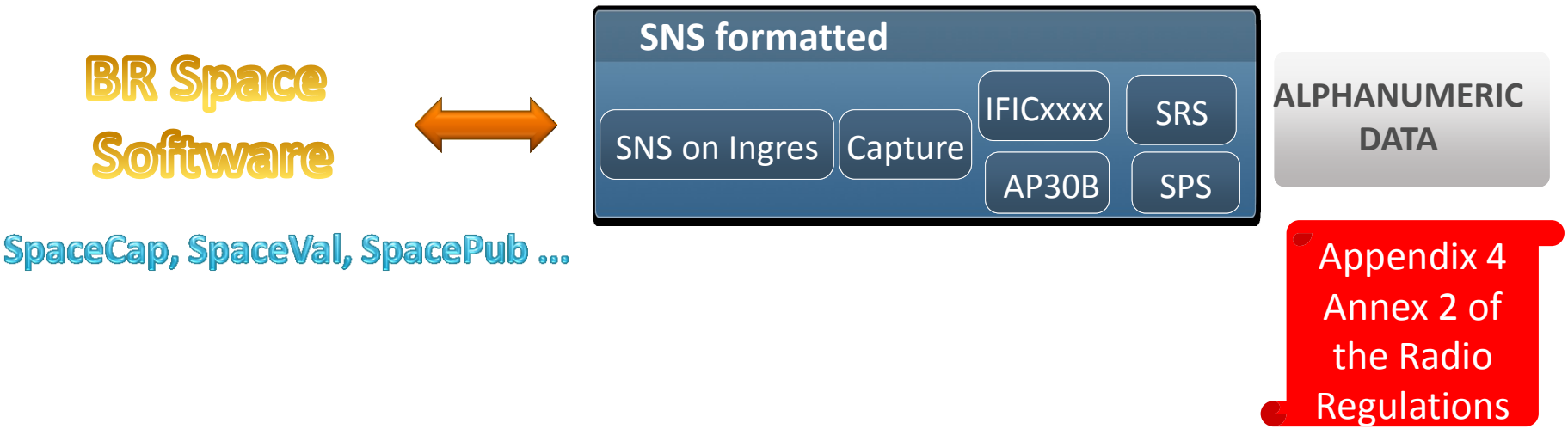
SNS Data Structure - Schema



SNS Data Structure – Tree view



Conclusion



Where to find information on SNS Format?

- Section III of the Space Preface

  Description of the SNS V7 format

  http://www.itu.int/en/ITU-R/space/Preface/preface_e.pdf

Contact us

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