## ITU-BR Space Applications v9.0 Release Notes

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SpaceCap

An electronic tool for capture and submission of Appendix 4 notices in the SNS version 9 database format

9.0.25.1

January 26, 2020

Resolved issues

- Replace radio buttons in grid column by drop-down list
SpacePub

An interactive tool to print the details of satellite networks and earth stations

9.0.0.7

December 2020

- Use of the new LinkMDB
SpaceCom

An electronic tool for management of the comments on CR/C, API/A, AP30/E, AP30A/E and AP30-30A/E Part A and AP30-30A/F/C Special Sections

9.0.0.8

February 2021

- Bug fix in Merge Plan module (ITU internal)
BrSis

BR Space Information System Package

This application contains the following modules:

- BR-SIS Validation
- BR-SIS SpaceQry
- BR-SIS SRS Convert

9.0.0.23
February 2021

BrSis

BR Space Information System

9.0.0.23
February 2021

- New version of Validation module v9.0.0.13

BR-SIS SpaceQry

Query SNS formatted databases

9.0.0.1
October 2020

- Bug fixed in export notices

BR-SIS SRSConvert

Convert an SNS formatted database from v7/v8 to v9

9.0.0.2
December 2020

- Use of new common dll

BR-SIS Validation

Validation Module

9.0.0.13
February 2021

- Bug fixes in cross validation with GIMS for NGSO submissions.
Gims

An electronic tool to allow the capture and modification of graphical data relating to the electronic submission of satellite networks in the space radiocommunication services and that can be used to view the data stored in the graphical reference database.

13.0.1.3

January 2021

Fixed

- 13.0.1.2 contained wrong file versions that caused an error while saving NGSO diagrams
SAM

Space Applications Manager

9.0.1.30

December 2020

- fixed splash screen bug
**Gibc**

Space Technical Examinations Software Package

**9.0.0.10**

January 2021

**Gibc**

Space Technical Examinations Software

**9.0.0.8**

December 2020

**Bug fix**

- Correction for browse dialog
- EPFDPrepare fix

**AP3030A**

Examination of Appendix30/30A submissions in Regions 1 and 3:

- with respect to the downlink PFD limit of the 1st paragraph of §1 of Annex 1 to Appendix 30
- with respect to the feeder-link PFD limit of the 1st paragraph of §4 of Annex 1 to Appendix 30A and compliance with the off-axis EIRP envelop of Figure A of Annex 3 to Appendix 30A

**9.0.0.0**

September 2020

**New**

- Update of IDWM data files
- Update of antenna pattern library (APL_Std.dll v2.2.0.24)

**AP30B**

Appendix 30B technical examination

**9.0.0.11**

November 2020

**New**

- Store downlink SE Ref.Sit. values (999.99) in output database even if test points are not visible from interferer satellite

**Bug fix**

- AP30BReport: Fix affected networks summary

**AP7**

Space Technical examinations software
9.0.0.2

September 2020

**New**

- Implemented WRC-19 decisions
- Compatible with SNS V9

**AP8**

Appendix 8 software determines the coordination requirements of a given satellite network through Appendix 8 calculation and the application of the coordination arc

9.0.0.1

September 2020

**New**

- Update GIMS 13.0.0.11
- Update IDWM data
- Update APL_Std 2.2.0.24

**PFD GSO**

The PFD software examines GSO satellite networks with respect to terrestrial services

9.0.0.4

November 2020

**Improvement**

- Report file on commitment and compliance checks

**PFD NGSO**

The PFD software examines NGSO satellite networks

9.0.0.4

January 2021

**Bug fix**

- Correction of limit value in PFD.mdb

**PFD Space**

The PFD software examines satellite networks with respect to other space services to determine inter-regional and inter-service sharing coordination requirements between SOF, planned BSS and FSS (articles 4.1.1 c,e), 4.2.3 a,b,e,f) and Article 7 of Appendix 30)

9.0.0.4

September 2020

**New**
IDWM update

PowerControl

Power Control technical examination

9.0.0.1

September 2020

New

- Implementation of WRC-19 decision, agenda item AI1.7
- Improvements of output database
- Update of IDWM data files
- Update of antenna pattern library (APL_Std.dll v2.2.0.24)
- Compatibility with GIMS 13
SPS

Determination of the coordination requirements between the space networks subject to a Plan in Appendices 30 and 30A of the Radio Regulations

9.0.0.8

September 2020

New

- Update of IDWM data files
- Update of antenna pattern library (APL)
Ap7Capture

Ap7Capture is a stand-alone application designed for capturing AP7 input parameters for AP7 Analysis

9.0.0.0

October 2020

New

- SNS V9 compatible