ITUEvents

ITU World Radiocommunication Seminar 2018

3-7 December 2018 Geneva, Switzerland

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CRC

how to prepare a modification pordination notice

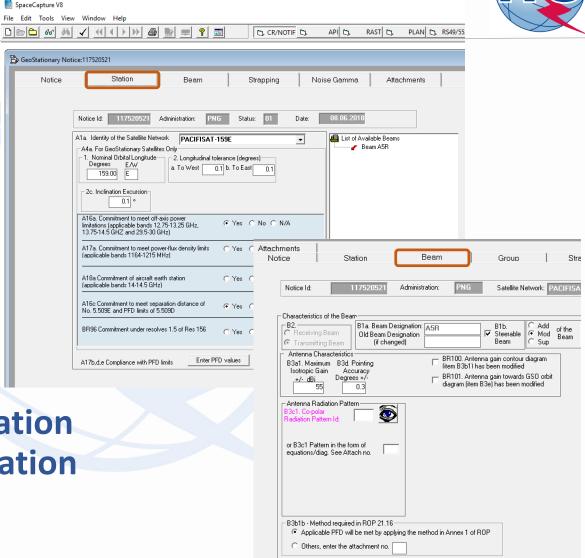
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ITU HQ Geneva,7 December, 2018

Modifications at what level?



- Station
- Beam
- Group
- Lower than group
 - emissions
 - frequencies
 - assoc earth station
 - assoc space station
 - etc.



Regulatory date limits



- Refers to the 7-year limit defined in No.11.44
 - In SNS database structure: Table grp, field d_reg_limit
 - This date is set for frequency bands and is published in an API/C special section
 - For each unique frequency band, the date is set to the date of first receipt of the band for 7 years. The frequency band is computed from the assigned frequency and assigned bandwidth.
 - Any further modifications to frequency assignments contain within this band will not change the regulatory date limit.
 - For modifications, any new frequency bands contain in the modification notice as compared to earlier CR/Cs will be given new regulatory dates

Regulatory date limits



No.11.43A

 Modifications to a coordination request under the procedure of No.11.43A (i.e. modifications of assignments already recorded and past the regulatory date limit) will be given **new** regulatory dates of 7 years from the date of receipt of the modification even if the band has been previously published.

Date of protection



- Date of protection (2D-Date)
 - In SNS database structure: Table grp, field grp.d_prot_eff
 - For a new CRC, this is set to the official date of receipt of the CRC
 - For a modification, this will depend on the result of detailed examination
 - See RoP relating to No.9.27 for details
 on how the date of protection is determined

Station - GSO or NGSO



> GSO

- Any change in **orbital longitude** will result in the notice being treated as if it is a **new notice**, with new date of protection and new regulatory date limit for all groups from the original CR/C.
- Change in inclination?
- Change in longitudinal tolerance?

> NGSO

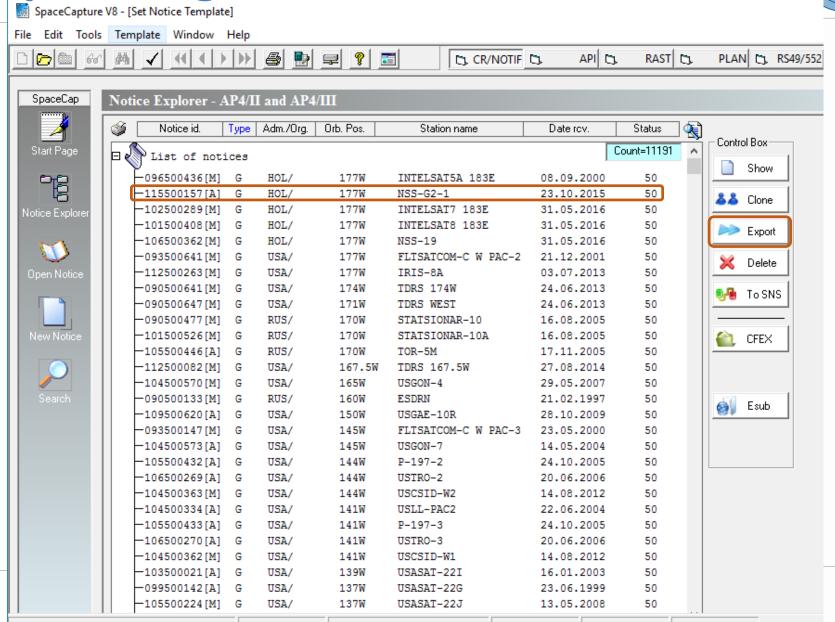
- In general, any change in the **orbital parameters** with any new orbits will render all original groups to be given new date of protection, **unless justification is given** (see Rop relating to No.9.27)
- If there is change of orbits
 - Currently no action code for orbits, please describe in detail: whether they are new orbits, no change in orbits, or modification of existing orbits
 - Indicate mapping of beams to orbits (B.4.a.1 and B.4.a.2 of AP4) in the s_beam/orbit_lnk/sat_lnk table
 - Provide justifications that the current mod will not impact original date of protection, if that is so requested

Steps in SpaceCap



- > Locate the target notice in SRS2884.mdb
- Export target notice from SRS2884.mdb to a new local mdb, ensuring that group ids are kept
- Open the <u>new local mdb</u>
- > Select clone function to make a clone of the target notice, with selections of MOD, and Coordination
- Check the new notice that has been created, ensure that target id and action code are correct

Export target notice from SRS



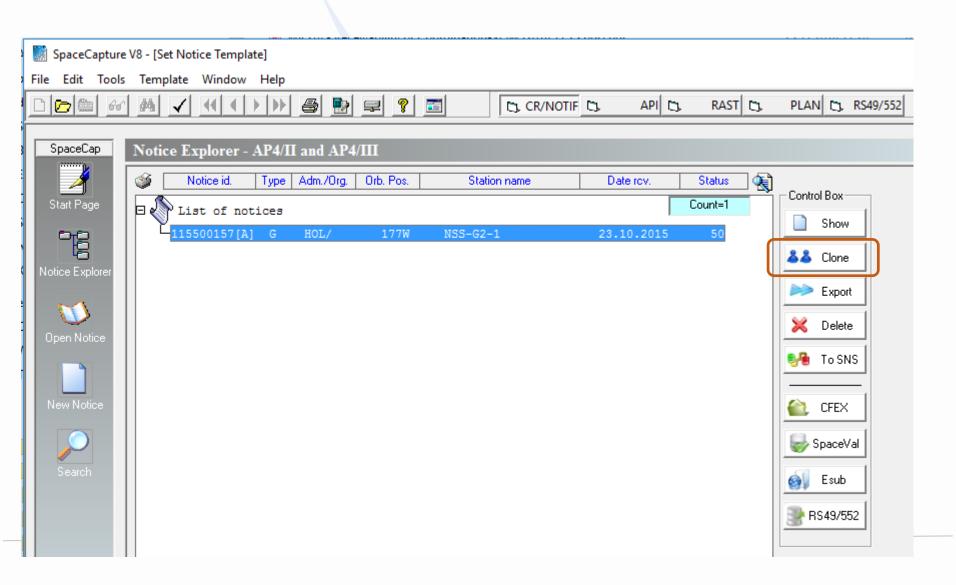
Export target notice from SRS



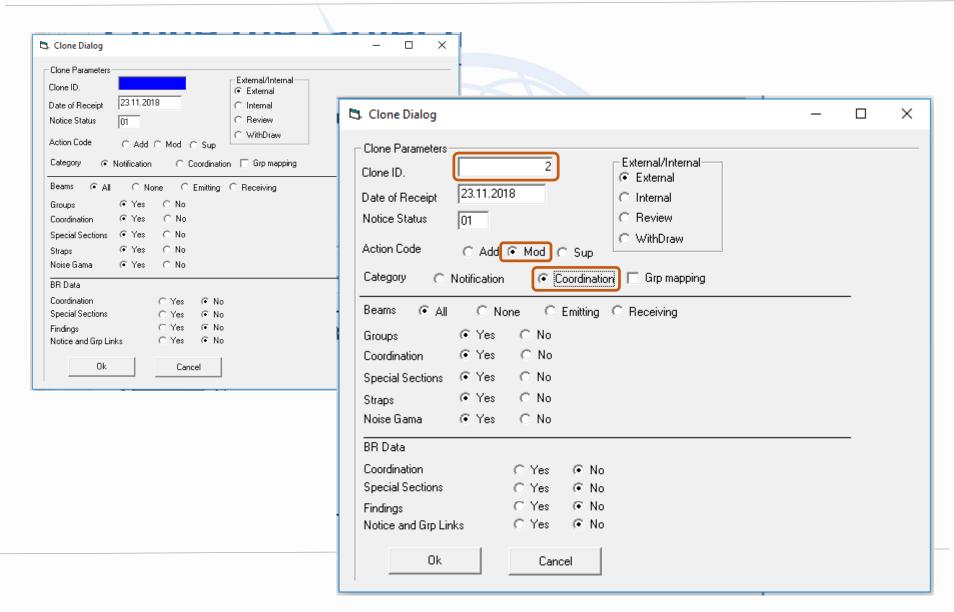
Target Database			
			Set Target Db
▼ Keep History		Г	Flag for Coordination Agreement Wizard
Group Ids Renumber Group Ids Keep Group Id	ds of the source		
Notice Already in Target database Give a new Notice Id C Replace Notice	ce in Target C	Do not export	
Export Run Export now Schedule Exp	ort to run later		
ок	Cancel	1	

5	spacecap	×
5	Exportation OK!	
3	ОК	

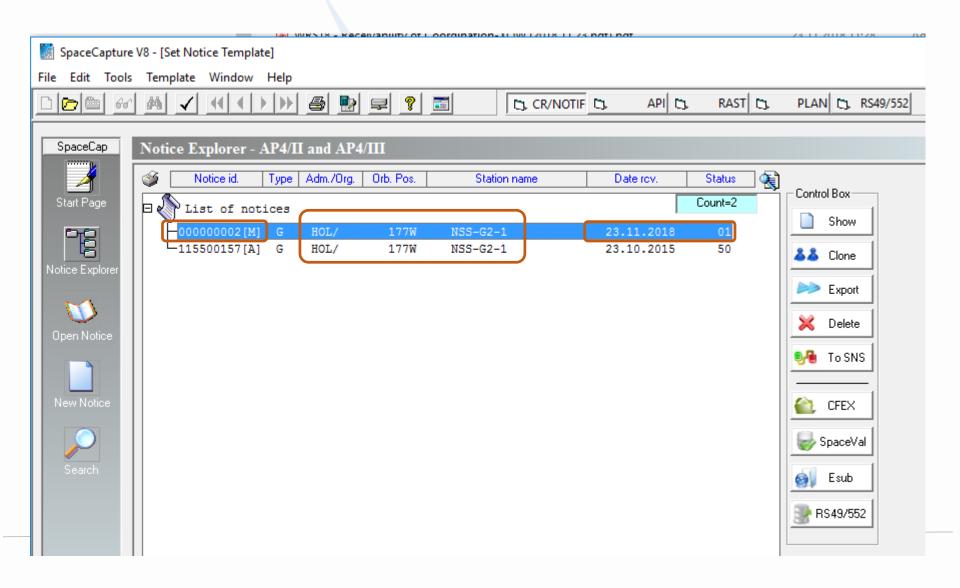




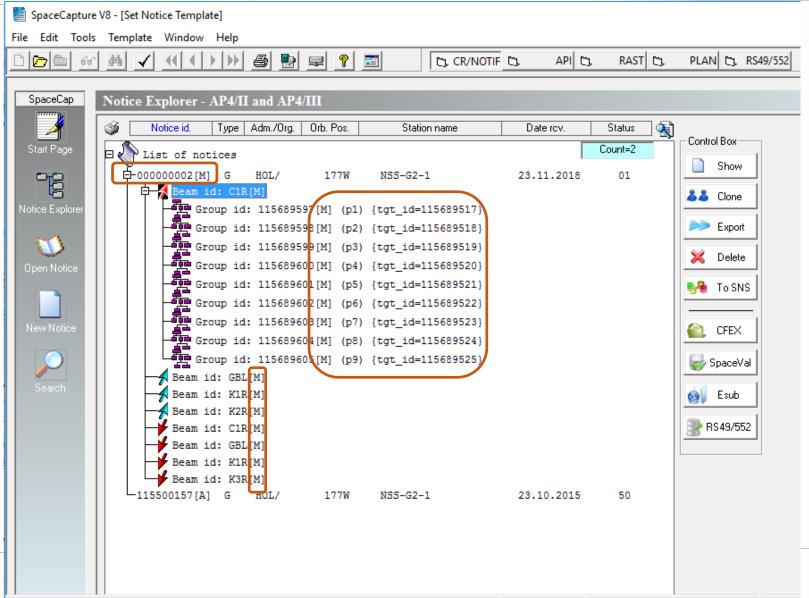












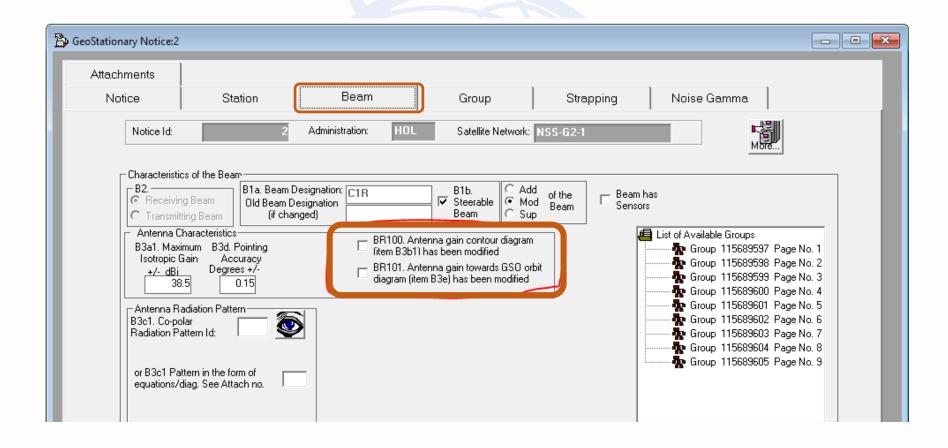
Beam



- Beam new or mod?
- > If new make sure action code "A" and new name
- If mod make sure action code "M" and original name
- Any new antenna gain contours ?
 - If yes, capture in Gims
 - take care of impact on date of protection of original groups
 - If no, click the relevant check boxes in notice mdb
- Any new frequency bands that may require AG/GSO diagram?



Any new antenna gain contours?

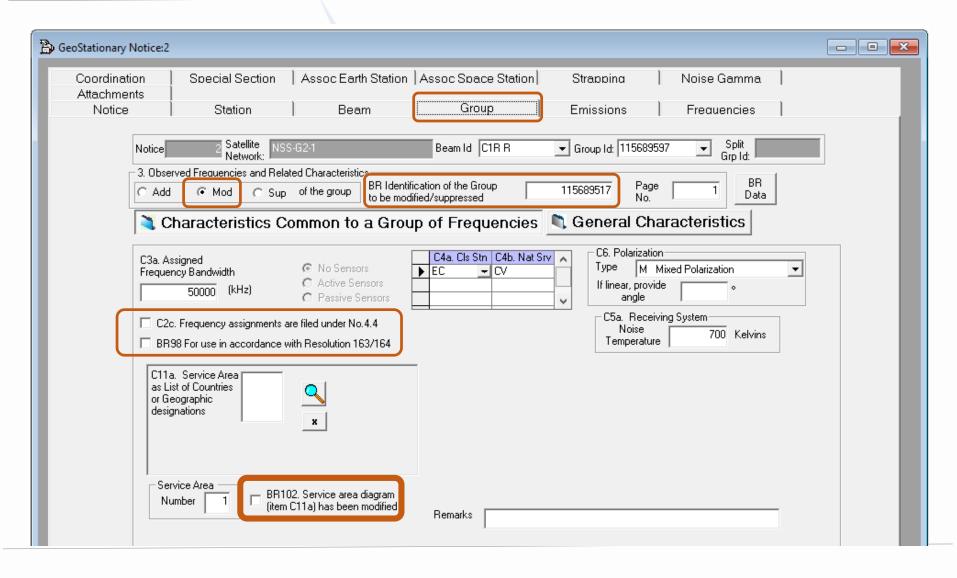


Group



- Group new or mod ?
- If mod make sure show target id
- Any new service area diagrams?
 - Service area is a group level information, however diagrams are captured on a beam level in GIMs
- ➤ If add consider impact on AG/GSO and various notice level commitments e.g. a16a etc.





Lower than group level



- **Emissions**
- Frequencies
- Associated earth stations
 - Indicate action code
 - Take care that parameters should agree with those with the same earth station names in original notice
- Associated space stations
 - In API/CRC ok with new names
 - In Notification: must be already submitted
- Special Sections

Other modifications



- Change of satellite name
 - Request to BR should be done by fax/email

- Change of operating agency
 - Request to BR should be done by fax/email
 - Should indicate:
 - the name
 - the contact info such as address

Other notes



- SpaceVal checks completeness of data under AP4, but will not be able to check the details concerning MODs as detailed above
- Administrations are encouraged to provide description concerning the modifications involved in the notice to help BR in understanding and processing it correctly

Questions?





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