



Capture and Submission of Appendix 4 Data for a Satellite Earth Station



Nayani Karunajeewa, Akim Falou-Dine, Nick Sinanis



Two-step Process





Coordination

Submission of Appendix 4 data to the affected ADM's



Notification

Submission of Appendix 4 data to BR



Coordination of Earth Stations



9.6 Administrations shall effect coordination before notifying to the BR or brings into use any frequency assignment

- 9.15 Coordination of a Specific or Typical Earth Station of non-GSO in respect of Terrestrial Stations (associated with Footnote 9.11A)
- 9.17 Coordination of any Specific Earth Station or Typical Mobile Earth Station in frequency bands above 100 MHz, in respect of Terrestrial Stations, with the exception of the coordination under 9.15
- 9.17A Coordination of any Specific Earth Station in respect of other Earth Stations operating in the opposite direction of transmission (ODT), or any Typical Mobile Earth Station in respect of Specific Earth Station (ODT)
- 9.21 Specific Earth Station of a service required to seek agreement of other administrations (under Footnotes)



Coordination of Earth Stations



- No. 9.29: Requests for coordination under 9.15 to 9.19 shall be sent by the requesting administration to the identified administrations, together with the appropriate information listed in Appendix 4 to the RR
- SpaceCap software can be used for the capture of information required for coordination requests with the affected Administrations and the resulting file can be sent to these affected Administrations
- When coordination is completed, the same file can be converted to a notification notice to be submitted to the Bureau including obtained coordination agreements



Notification of an Earth station



- Any frequency assignment to a transmitting station and to its associated receiving stations shall be notified to the Bureau if (No. 11.2)
 - Assignment is capable of causing harmful interference; or
 - Assignment is used for international radiocommunication; or
 - Assignment is subject to a world or regional frequency allotment or assignment plan which does not have its own notification procedure; or
 - if that assignment is subject to the coordination procedure of Article
 9; or
 - It is desired to obtain international recognition; or
 - Non-conforming assignment seeking to be recorded for information purposes only
- Similar requirements for receiving earth station (No. 11.9)





Exercise: Capture an E/S Coordination Request



Overview



- We will be creating a new notice with sufficient data to be used for
 - Capture and analyze the coordination filing and
 - Effect the coordination process
- Capturing of:
 - Notice level data
 - Station level data
 - Beam level data
 - Group level data

```
-116500999[A] S FIN/ HELSINKI TEHTAANKATU

-Associated satellite network: EXPRESS-3

Beam id: ZER

Group id: 1

-Special Sections

-Frequency Assignments

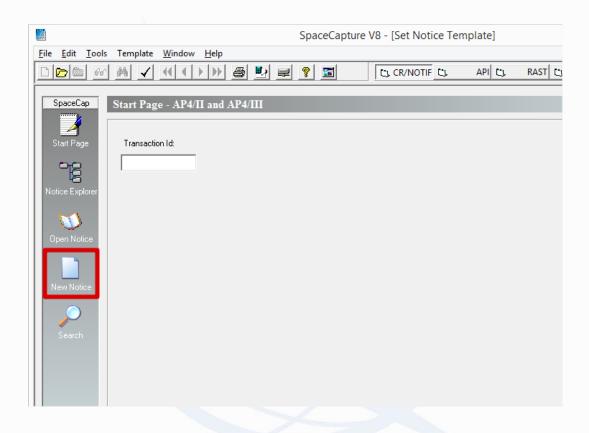
-Emissions

-Coordination
```



Create a New Notice



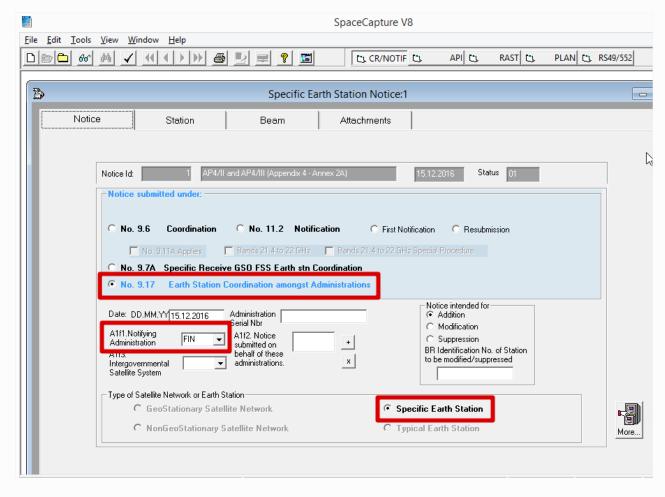


Launch SpaceCap and click on New Notice



Specify Notice Type



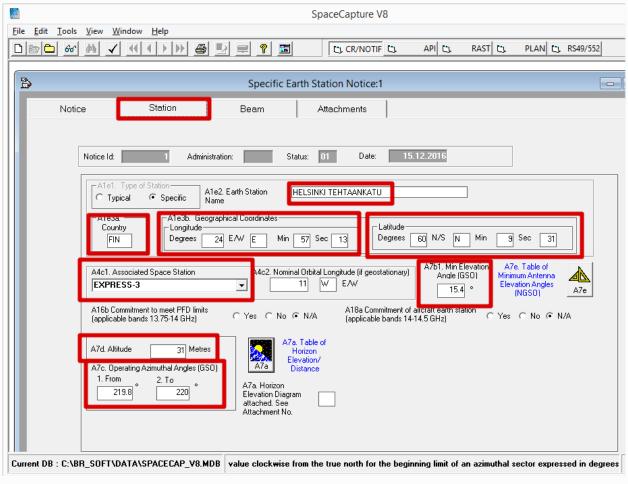


Select No. 9.17 and Specific Earth Station



Enter Station-level Data



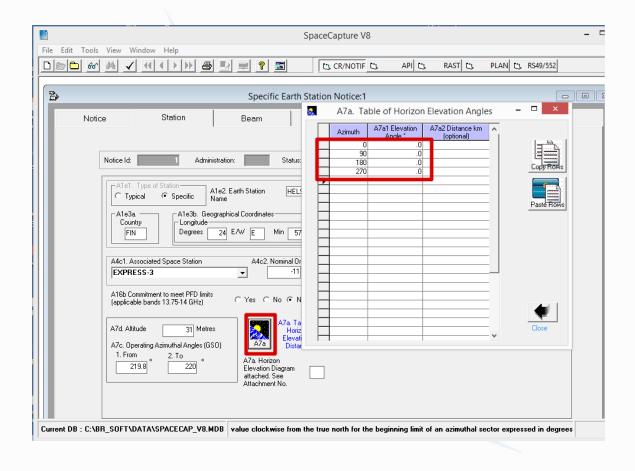


Fill in indicated fields



A7a - Horizon Elevation Data



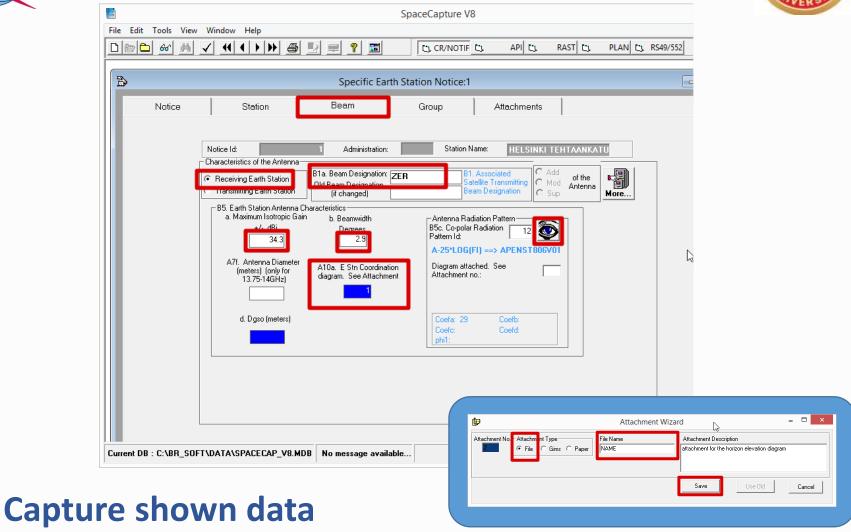


Click on A7a button to fill in data in the table



Beam-level Data

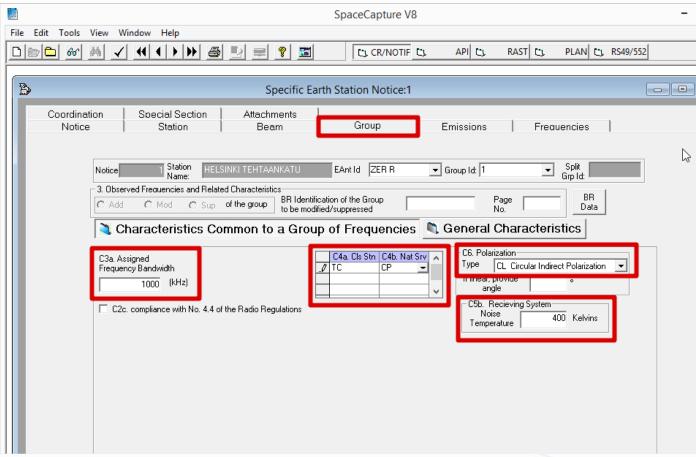






Group-level Data



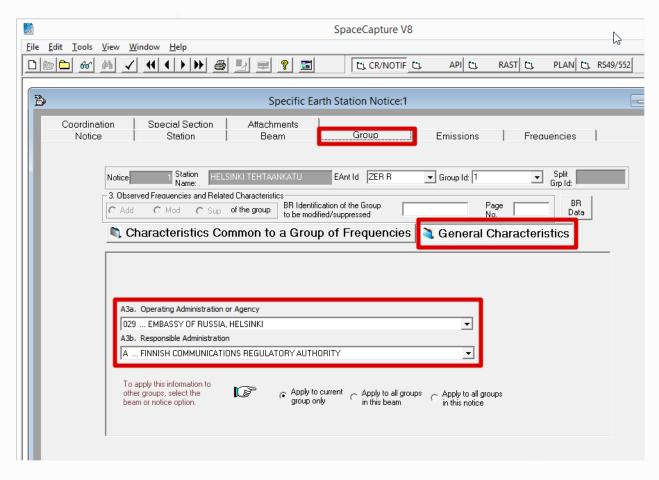


Capture indicated fields



Operating Agency



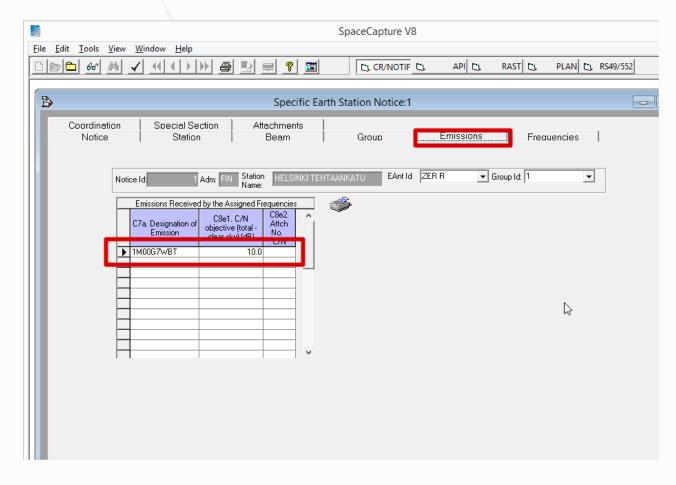


A3a and A3b are Notifying ADM specific entries



Emissions

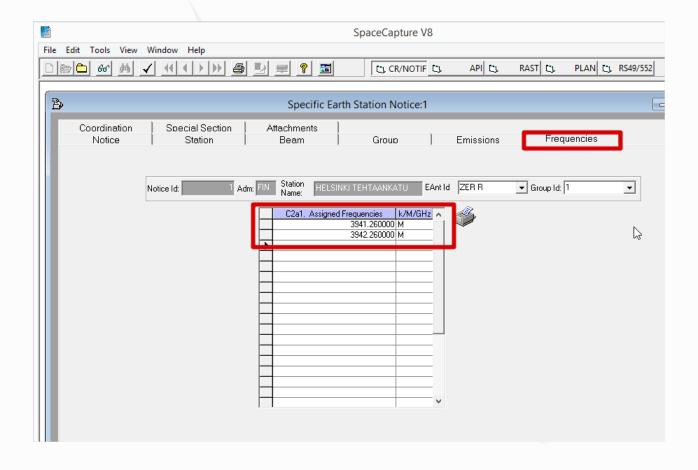






Frequencies

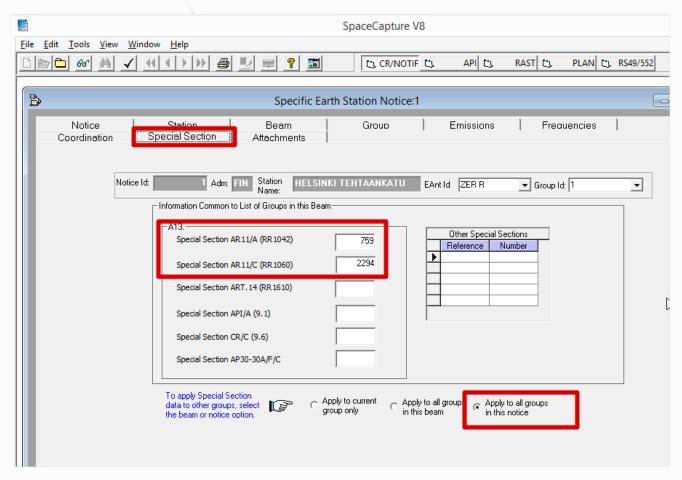






Special Sections



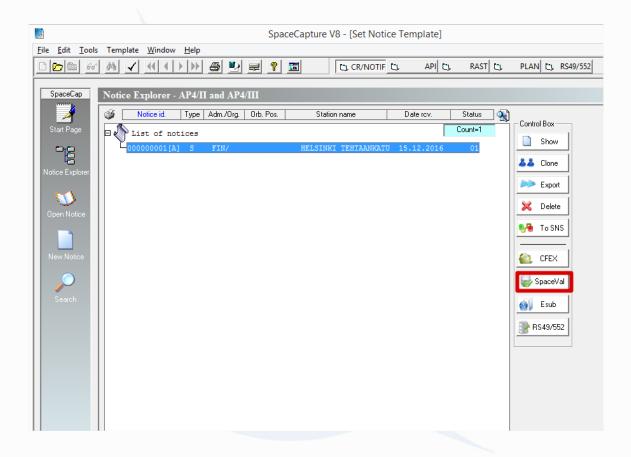


Apply as appropriate to this group/Beam or full notice



Capturing Done





CANNOT Validate 9.17 notice types!



Generate coordination area diagrams with AP7 software



Appendix 30B	PFD (terrestrial serv.) Appendix 30 30A	PFD (space s Power Control		endix 7 Options
Additional GIMS	Databases			
Database	Container Path			
		<u>A</u> dd	Clear List	
SRS Database				
C:\BR_SOFT\d	ata\spacecap_v8.mdb		<u>B</u> rowse	
Additional SRS	DB Path		Add Clear]
			Cicai	

- Start GIBC from SAM
- Make sure that IDWM is installed



GIBC: Switch to Appendix 7



tottront ib.	1 From	Progres	e	Cald	culate	Report
Message	₹ Liloi	▼ 1 Togles	is		Мо	dule
<						>
Calculation						
Aux Conto	urs					
Out DB: C	\BR_TE	X_RESULTS	\APP7\ES	CC.MDB		
RTF Repor						
C:\BR_TEX	_	LTS\APP7\E				
	xillary	Scale (km)				
Version	Appen	div 7				
3.5.0.0	Appen	uix /				

Important to use same Network ID as in captured notice



GIBC: Create Report

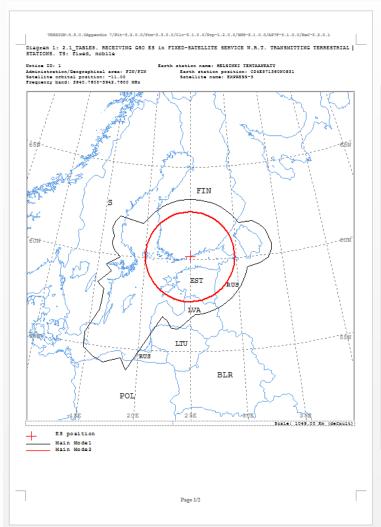


Grapinear interio	ice for Batc	h Programs	_ [
Appendix 30B Appe	ndix 30 30A	Power Control	Tools / (
Appendix 8 PFD (ten	restrial serv.)	PFD (space serv	.) App	endix 7
Network ID: 1	Progress	Calculate	Repor	t
Message			Module	^
Calling batch pilot at 12:43	0-10		GIBC	
Formatting data for calcula			Progress in	
Loading data from SNS for	_	•••	Progress in	
Reading RefDb and defini	_	ntc_id = 1	Progress in	
DIAGRAM 1: 2.1_TABLE			Progress in	ان
<	1 11 1		n .	1
Out DB: C:\BR_TEX_RE	SULTS\APP7\	1_161215_124319.n	ndb	
RTF Report Generation	NDD70.1 101218	124210 41		
C:\BR_TEX_RESULTS\/ ✓ Print Auxiliary Sc	ale (km)	5_124319.mdb	•••	
Version				
3.5.0.0 Appendix 7				



Generated Report



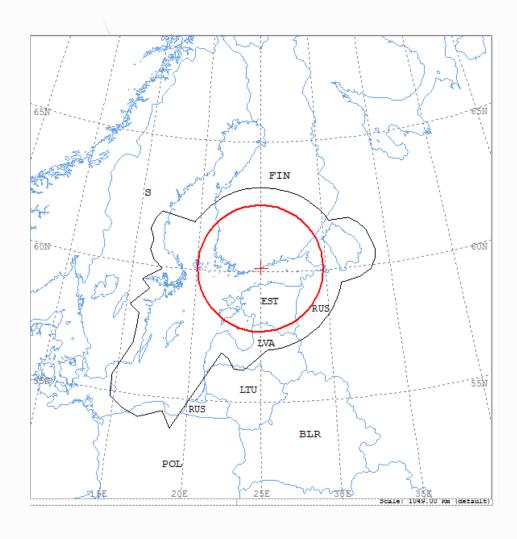


ALYSIS DATE AND THAT: 2018-12-15 12:43:19 MSICN: 3.5.0.ORppendix 7/Pit-3.2.0.0/Epm-3.5.0.0/Clc-3.1.0.0/Ppp-1.2.0.0/SNS-3.1.0.0/APTE-3.1.0.0/Ref-3.2.0.1 Diagram 1: 2.1_TABLES. RECEIVING GSO IS in FIXED-SATELLITE SERVICE W.R.T. TRANSMITTING TERRESTRIAL STATIONS. TS: fixed, mobile HELSINKI TEHTAANKATU EARTH STATION POSITION: 024E571380N0931 ADM/GED AREA: FIN/FIN RAIN CLINATICAL IONE: E SATELLITE NAME: EXP.
ANTENNA ALIMUTH: 219.90 DEG
FREQUENCY BAND: 3940.7800-3942.7800 MHZ SATELLITE GREITAL POSITION: -11.00 DEG ANTENNA ELEVATION: 15.38 DEG ASSIGNED FREQUENCY: 3941.76 MHI PERCENTAGE OF TIME: 0.0017 & NAXINUN ANTENNA GAIN: 34.30 DBI MAXIMUM POWER DENSITY: - DBW/HZ MOISE TEMPERATURE: 400.0 K I.1 TABLES Model: PLM DOCTING 195.9 DB (DGES NOT INCLUDE NOR. CORR. AND ANT. GAIN) 136.9 DB TRANSMISSION LOSS MODE I: 0 5 10 15 20 29 30 35 40 45 50 35 60 65 70 75 80 85 90 95 100 105 110 115 137.7 142.3 146.7 151.0 155.0 155.7 161.6 163.9 164.6 163.6 161.7 156.6 154.9 150.6 146.5 142.1 137.5 132.9 126.2 123.5 116.7 114.0 109.2 104.4 HOR.ELEV. MOR.CORR. -18.8 -18.8 -18.0 -10.0 -10.8 -18.8 -18.8 -10.0 -10.0 -10.8 -18.8 -18.0 -10.0 -10.0 -10.8 -18.8 -18.0 -10.0 -10.0 -10.0 -10.0 COORDINATION DISTANCE (NO.) NODE 1 0.0 DB 343 343 343 348 349 351 351 351 355 355 355 435 462 463 461 466 465 477 428 354 354 354 354 0.0 056 269 269 269 269 269 268 268 268 268 268 268 268 268 269 269 269 269 269 269 270 270 270 270 AZIMUIS DEF-AXIS HOR.ELEV. MOR.CORR. MODE 1 0.0 08 0.0 056 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 AZIMUIE DEF-AXIS NOR.ELEV. 28.1 28.2 35.5 37.9 42.8 47.1 51.8 56.5 61.3 66.0 70.8 78.6 80.5 85.3 80.1 94.9 99.7 104.5 109.3 114.1 118.9 123.7 128.4 135.1 ANT. GAIN -5.0 -7.5 -9.1 -10.0 COORDINATION DISTANCE (EM NDDE 1 0.0 DB NCDE 2 0.0 DEG PROBABLY AFFECIED COUNTRIES: DWK IST LTU LVA POL RUS Page 2/2



Contours







Affected Administrations



```
ANALYSIS DATE AND TIME: 2016-12-15 12-42-19
VERSION: 3.5.0.0Appendix 7/Flt-3.2.0.0/Frm-3.3.0.0/Clc-3.1.0.0/Frp-1.2.0.0/SNS-3.1.0.0/AP7F-3.1.0.0/Ref-3.2.0.1
                                                Diagram 1: 2.1 TABLES. RECEIVING GSO ES in FIXED-SATELLITE SERVICE W.R.T. TRANSMITTING TERRESTRIAL STATIONS. TS: fixed, mobile
                                            1 EARTH STATION NAME:
                                                                                                                                                       HELSINKI TEHTAANKATU
                                                                                                                                                                                                                             EARTH STATION POSITION: 024E571360N0931
ADM/GEO_AREA: FIN/FIN RAIN CLIMATICAL ZONE: E
                                                                                    EXPRESS-3 SATELLITE ORBITAL POSITION: -11.00 DEG
ANTENNA ELEVATION: 15.38 DEG
ASSIGNED FREQUENCY: 3941.76 MHZ
SATELLITE NAME:
ANTENNA AZIMUTH: 219.90 DEG
FREQUENCY BAND: 3940.7600-3942.7600 MHZ
                                                                                                                                              ASSIGNED FREQUENCY: 3941.76 MHZ
                                                                                                                                                                                                                                                                     PERCENTAGE OF TIME: 0.0017 %
MAXIMUM ANTENNA GAIN: 34.30 DBI
                                                                                                                                            MAXIMUM POWER DENSITY: - DBW/HZ
                                                                                                                                                                                                                                                                  NOISE TEMPERATURE: 400.0 K
ANTENNA PATTERN: APENST806V01
2.1 TABLE8 Model: PLM DUCTING
TRANSMISSION LOSS MODE 1: 198.9 DB (DOES NOT INCLUDE HOR. CORR. AND ANT. GAIN)
TRANSMISSION LOSS MODE 2:
                                                                             156.9 DB
                                                  0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115
OFF-AXIS
                                           137.7 142.3 146.7 151.0 155.0 158.7 161.8 163.9 164.6 163.8 161.7 158.6 154.9 150.8 146.5 142.1 137.5 132.9 128.2 123.5 118.7 114.0 109.2 104.4
HOR.ELEV.
HOR . CORR .
ANT.GAIN
                                           -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -
COORDINATION DISTANCE (KM)
MODE 1
      0.0 DB
                                                343 343 343 348 349 351 351 351 355 355 355 435 462 483 491 498 495 477 428 354 354 354 354
MODE 2
       0.0 DEG
                                                269 269 269 269 268 268 268 268 268 268 268 268 269 269 269 269 269 269 269 270 270 270 270
AZIMUTH
                                                120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235
OFF-AXIS
                                             99.5 94.7 89.9 85.1 80.3 75.5 70.7 65.9 61.1 56.3 51.6 46.9 42.3 37.7 33.3 29.0 25.0 21.3 18.2 16.1 15.4 16.2 18.3 21.4
HOR.ELEV.
HOR.CORR.
ANT.GAIN
                                           -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -10.0 -
COORDINATION DISTANCE (KM)
MODE 1
      0.0 DB
                                                MODE 2
       0.0 DEG
                                                240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355
AZIMUTH
                                             25.1 29.2 33.5 37.9 42.5 47.1 51.8 56.5 61.3 66.0 70.8 75.6 80.5 85.3 90.1 94.9 99.7 104.5 109.3 114.1 118.9 123.7 128.4 133.1
HOR.CORR.
                                               -6.0 \quad -7.6 \quad -9.1 \quad -10.0 \quad
ANT.GATN
COORDINATION DISTANCE (KM)
MODE 1
       0.0 DB
                                                MODE 2
       0.0 DEG
                                                PROBABLY AFFECTED COUNTRIES: DNK
                                                                                                   EST
                                                                                                                          LTU
                                                                                                                                                                      POL
                                                                                                                                                LVA
                                                                                                                                                                                            RUS
                                                                                                                                                                                                                 S
```

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This is the list of ADM to forward your coordination request



Contacting Affected Administrations



Cover Letter

Email attachment containing:

- ESName.mdb (the file we just captured)
- Coordination contour diagrams generated using AP7 software
- Any other attachments or notes in Word or PDF format





Studying Scenarios Coordination Contours Around Earth Stations Using GIBC



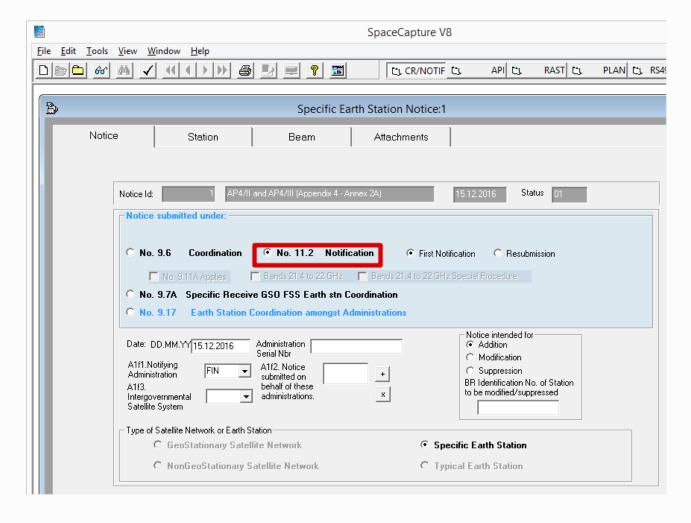


Exercise: Capture an E/S notification request



Change Notice Type

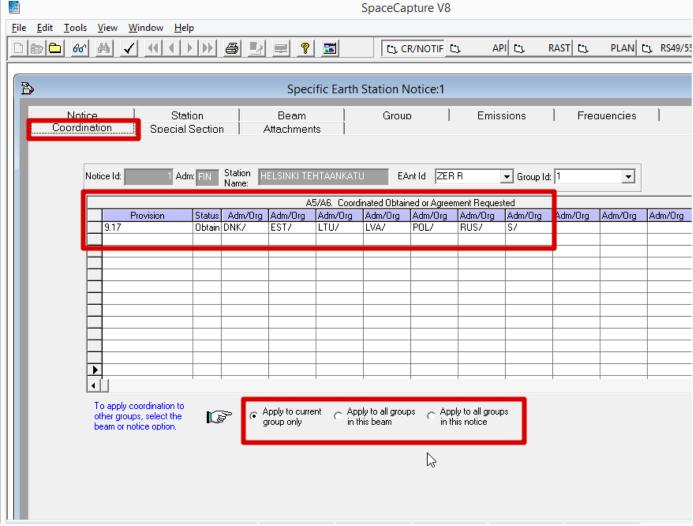






Update Coordination Agreements

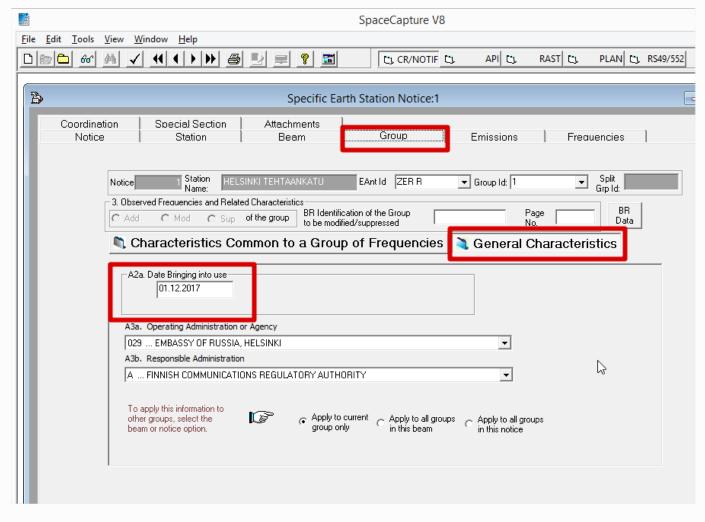






Enter Date of Bringing into Use







Before submitting the notification

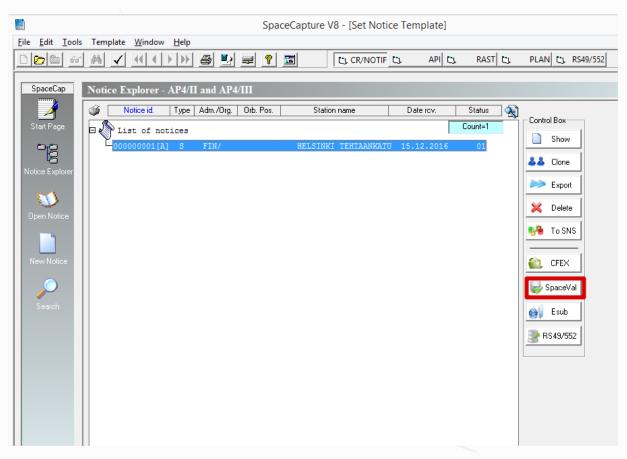


- Check the following:
 - Associated space station must be already notified
 - Provide the correct name used in BR databases
 - Check also the beam names/ if the frequency bands are covered by the bands used by the space station
- Use Spacecap to convert the notice from No. 9.17 to No. 11.2
- Use Spacecap to update the status of coordination of the earth station
- Run Spaceval to ensure that there are no fatal errors



Launch SpaceVal



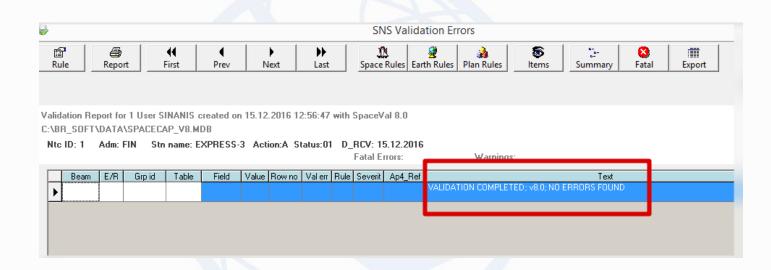


Mandatory prior to submitting to BR



Validation Results





No fatal errors



Common Errors



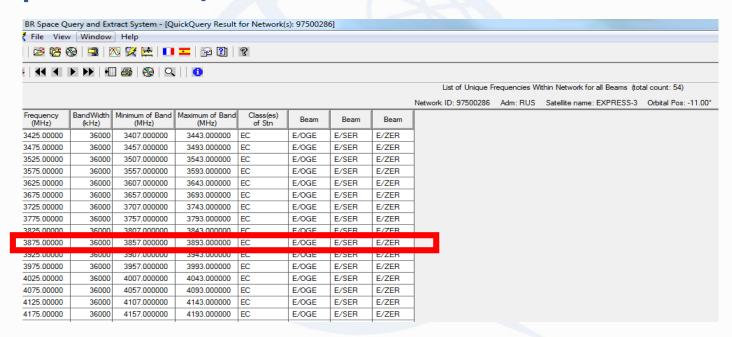
- Space station name, beam name, frequency band do not correspond to those of the Space Station
- Missing horizon elevation angle
- Missing minimum angle of elevation
- Missing coordination area diagram
- Missing antenna diameters when required
- Missing antenna radiation patterns
- Missing coordination agreements



Common Receivability Issues



Frequencies of S/S should match



Beam names of E/S should match those of the S/S in the opposite direction



Related Notification Publications



Part I-S

 When notice is found to be complete, it will be published in Part I-S, which will constitute the acknowledgement to the notifying administration of receipt of its notice (No.11.28).

Part II-S

 Assignments, after detailed technical and regulatory examination, that are found to be favourable will be published in a Part II-S and recorded in the MIFR.

Part III-S

 Assignments, after detailed technical and regulatory examination, that are found to be unfavourable will be published in a Part III-S.



Reasons for unfavorable findings Part III-S



Notes for return of notices for earth station				
Provision	Examples of paragraphs	Resubmission Within 6 months		
A N - X/9.17 X	With respect to the frequency assignment groups Nos. () of your earth station (), it is noted that the <u>coordination procedure under No. 9.17</u> has not been shown as completed with the Administrations of () since the <u>coordination area of your earth station includes the territories of those Administrations</u> (see coordination contours attached). Thus, an unfavorable finding with respect to No. 11.32 has been reached and the notice in question is being returned to you in conformity with No. 11.37. Should the notice <u>be resubmitted with the indication that coordination has been successfully completed with the Administration(s)</u> mentioned above, a favorable finding might result. However, these being frequency assignments for reception, your Administration may be prepared to accept the interference resulting from existing and future terrestrial stations of the countries concerned. In this event, should your Administration resubmit the notice concerned and insist upon its reconsideration, the assignment will be recorded in the Master Register; symbol "H" will be inserted in Column 13B2 as well as AP5 PARA 6E(III) in the column reserved for coordination information.	Yes		
A N - X/9.7 X No SS subject to coord.)	With regard to the frequency assignment groups Nos. () of your earth station (), it is noted that the corresponding frequency assignments of the associated space station () have not yet been communicated to the Radiocommunication Bureau for recording. Thus, these frequency assignments have been given an unfavourable finding with respect to No. 11.32 (see paragraph 2.1.2.1 of the Rules of Procedure relating to No. 11.32) and the notice in question is being returned to you in conformity with No. 11.37. Once the corresponding assignments of the associated space station have been notified and recorded in the Master Register, it will be possible to examine again your earth station notice.	Yes		
A N - X/9.7 X Outside SA	With respect to the frequency assignments groups Nos. () of your earth station (), it is noted that the <u>station is outside the service area of the transmitting/receiving beam () of the associated space station (). Consequently, your earth station frequency assignments have been given an unfavorable finding with respect to No. 11.32 (see paragraph 2.1.3 of the Rules of Procedure relating to No. 11.32) and the notice in question is being returned to you in conformity with No. 11.37.</u>	Yes		
N X/ROP RCV4.4	With regard to the frequency assignments groups Nos. () of your earth station (), it is noted that the <u>associated space station () does not have any valid publication in the Radiocommunication Bureau</u> . As stated in paragraph 2.1.2.1 of Rules of Procedure relating to No. 11.32 , starting from the principle that the leading element of a space network is the space station and that it would be misleading to record in the Master Register earth stations for which a space station (network) is not recorded, the Radio Regulation Board decided that an earth station cannot be recorded in the Master Register before its associated space station. In view of the above, according to Rules of Procedure, paragraph 4.4 of "Rules concerning the Receivability of forms of notice generally applicable to all notified assignments submitted to the Radiocommunication Bureau in application of the Radio Regulatory Procedures relating to space services" the subject notice is not receivable.	Yes		



Submission to the Bureau



- Rename the mdb file to ADM_ESName.itu
- Create a zip file ADM_ESName.zip containing
 - ESName.itu
 - Coordination contour diagrams generated using AP7 software
 - Any other attachments or notes in Word or PDF format

- Send email with attachment ADM_ESName.itu to BRMAIL@ITU.INT
- Send confirmation telefax to BR at +41 22 730 5785 within seven days from the email submission





Thank you!

Akim Falou-Dine Akim.Falou-Dine@itu.int
Nick Sinanis Nick.Sinanis@itu.int
Nayani Karunajeewa nayani.karunajeewa@itu.int