

Space Workshop Advance Publication Information (API)

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Advance Publication Information – Radio Regulations

- Section I of Article 9 : Advance publication of information on satellite networks or satellite systems
- No.9.1:
 - Before initiating any action under this Article or under Article 11 in respect of frequency assignments for a satellite network or a satellite system, an administration, or one acting on behalf of a group of named administrations, shall, prior to the coordination procedure described in Section II of Article 9 below, where applicable, send to the Bureau a general description of the network or system for advance publication in the International Frequency Information Circular (BR IFIC) not earlier than seven years and preferably not later than two years before the planned date of bringing into use of the network or system (see also No. 11.44).
 - The characteristics to be provided for this purpose are listed in Appendix 4.
 - The coordination or notification information may also be communicated to the Bureau at the same time;
 - it shall be considered as having been received by the Bureau not earlier than six months after the date of <u>receipt</u> of the information for advance publication where coordination is required by Section II of Article **9**.
 - Where coordination is not required by Section II, notification shall be considered as having been received by the Bureau not earlier than six months after the date of <u>publication</u> of the advance publication information.



Advance Publication Information - regulations

- Actions by the Bureau
 - No.9.2A
 - If the information is found to be incomplete, the Bureau shall immediately seek from the administration concerned any clarification required and information not provided.
 - See also §3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9 of Rules of Procedure on Receivability
 - No.9.2B
 - On receipt of the complete information sent under Nos. 9.1 and 9.2, the Bureau shall publish it in a Special Section of its BR IFIC within three months. When the Bureau is not in a position to comply with the time limit referred to above, it shall periodically so inform the administrations, giving the reasons therefor.



Advance Publication Procedure - Section I of Article 9

- Sub-Section IA
 - not subject to coordination under Section II of Article 9
 - Detailed data requirement under Appendix 4
 - Cost recovery category A1 (570 CHF)
 - Exception for Amateur satellite service
 - API/B publication of comments
- Sub-Section IB
 - subject to coordination under Section II of Article 9
 - Simplified data requirement under Appendix 4
 - No cost recovery fee
 - No formal publication of comments



Advance Publication Information – Information required

- Annex 2 of Appendix 4
 - 3 separate columns for API
 - Advance publication of a geostationary-satellite network
 - Advance publication of a non-geostationary-satellite network subject to coordination under Section II of Article 9
 - Advance publication of a non-geostationary-satellite network not subject to coordination under Section II of Article 9
- Resolution 55
 -shall be submitted in electronic format comptatible with the BR electronic notice form capture software (Spacecap)



Expiry of the Advance publication

- No.9.5D
 - API cancelled if no coordination request received within 24 months
 - If the information under No. **9.30** has not been received by the Bureau within a period of 24 months after the date of receipt by the Bureau of the relevant complete information under No. **9.1** or **9.2**, as appropriate, the information published under No. **9.2B** and not covered by a coordination request under No. **9.30** shall be cancelled, after the administration concerned has been informed at least three months before the end of the 24-month period. The Bureau shall also publish the cancellation in its BR IFIC.
- No.11.48
 - API cancelled if not brought into use within 7 years
 - If, after the expiry of the period of seven years from the date of receipt of the relevant complete information referred to in No. 9.1 or 9.2, as appropriate, the administration responsible for the satellite network has not brought the frequency assignments to stations of the network into use, or has not submitted the first notice for recording of the frequency assignments under No. 11.15, or, where required, has not provided the due diligence information pursuant to Resolution 49 (Rev.WRC-12) or Resolution COM5/6 (WRC-12), as appropriate, the corresponding information published under Nos. 9.2B and 9.38, as appropriate, shall be cancelled, but only after the administration concerned has been informed at least six months before the expiry date referred to in Nos. 11.44 and 11.44.1 and, where required, § 10 of Annex 1 of Resolution 49.



Modifications to Advance publication Information

- No.9.2
 - Amendments to the information sent in accordance with the provisions of No. **9.1** shall also be sent to the Bureau as soon as they become available.
 - The use of an additional frequency band or modification of the orbital location by more than ±6° for a space station using the geostationary-satellite orbit will require the application of the advance publication procedure for this band or orbital location, as appropriate.
 - Furthermore, where coordination is not required by Section II of Article 9, the modification of the reference body or the modification of the direction of transmission for a space station using a non-geostationary-satellite orbit will require the application of the advance publication procedure. Database



Software for submission

- Software
 - Spacecap for capturing the information
 - Spaceval for validating the information
 - Spacequery for viewing the validation report
 - Spacepub for viewing/printing detailed information
- Database
 - Must be in SNS format



Exercise to capture the Advance Publication Information for a Geostationary satellite network

Data to be Captured

SATELLITE NETWORK NAME	ITUSAT
NOTIFYING ADMINISTRATION	CHL
TYPE OF SATELLITE NETWORK	Geostationary
ORBITAL POSITION	70 W
NOTICE INTENDED FOR	ADD



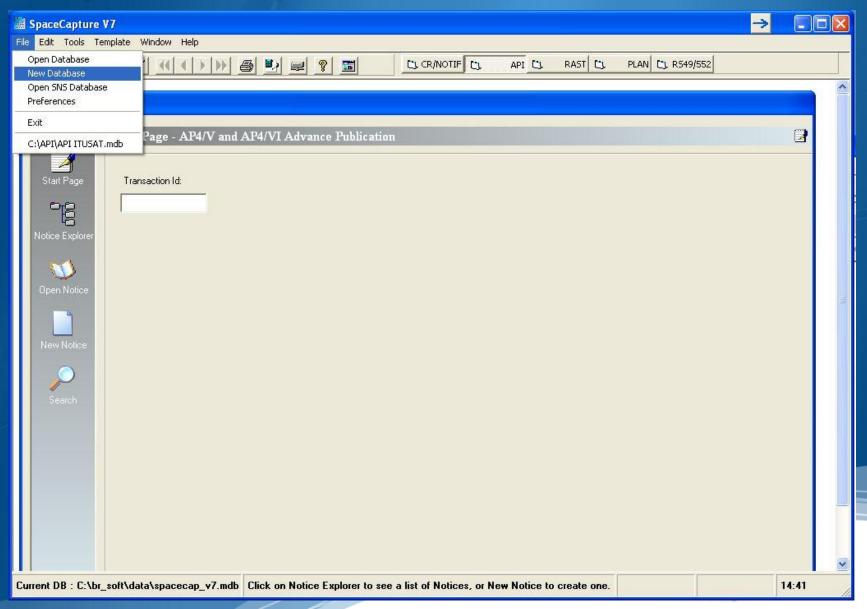
Data to be Captured

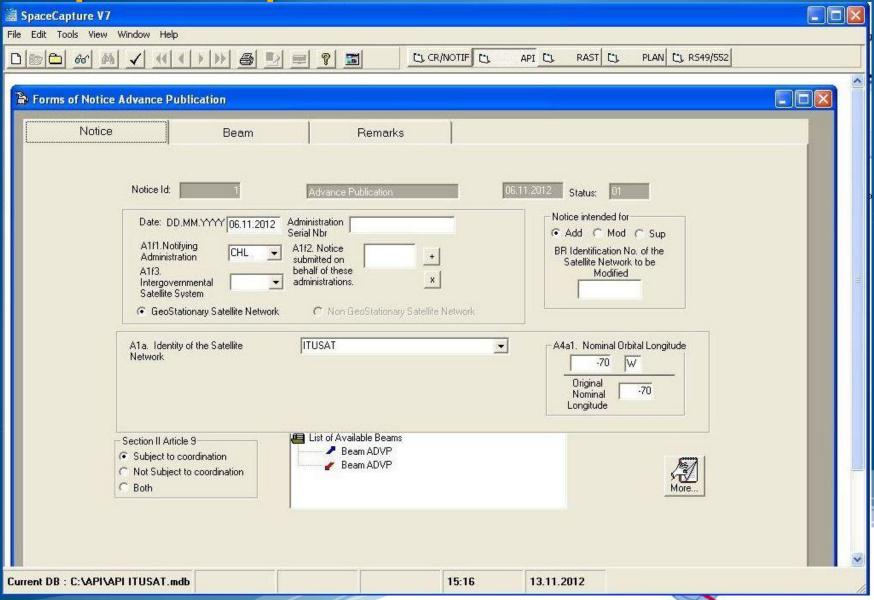
Frequency Range	Direction of Transmission	Class of Station and Nature of Service	Service Area	Period of Validity
11.7 – 12.2 GHz	E	EC CV	XR2	15 yrs
14 -14.5 GHz	R	EC CV	XVE	15 yrs
19.7-20.2 GHz	Е	EC CV	XVE	15 yrs
29.5-30 GHz	R	EC CV	XVE	15 yrs

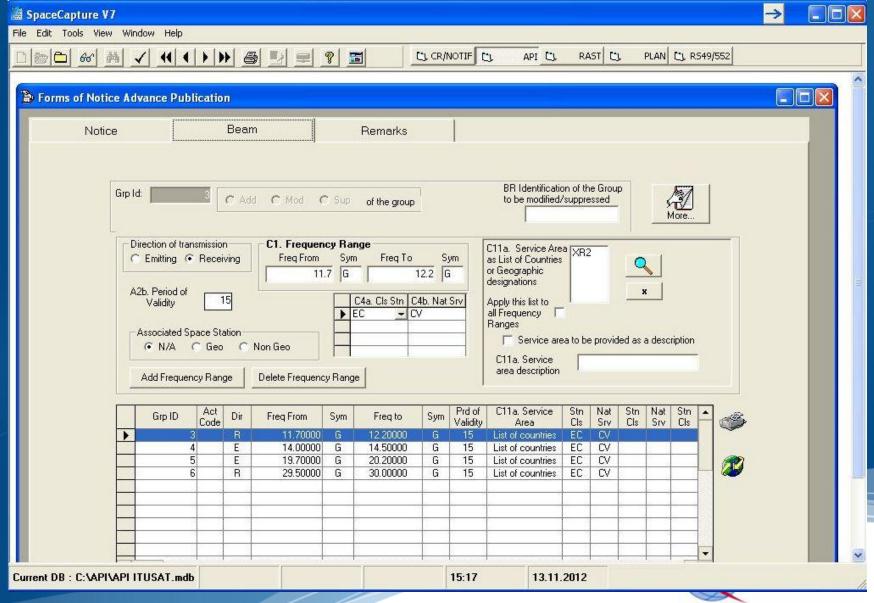


- Launch spacecap
 - File -> New database -> create a new database "API ITUSAT.mdb"
 - Select API Tab at the top
 - Select icon "New Notice" on the left
 - Start entering the information



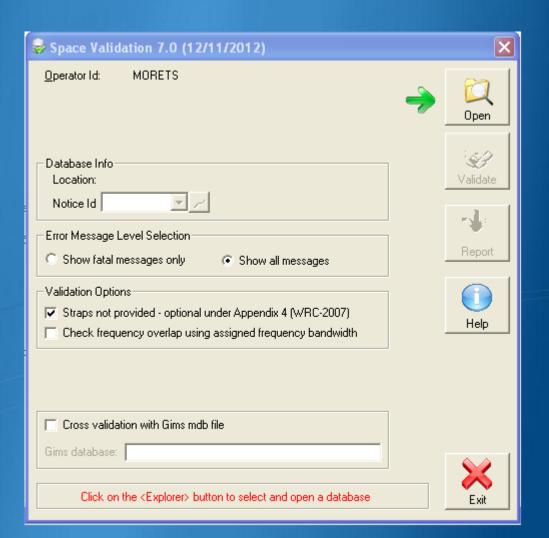






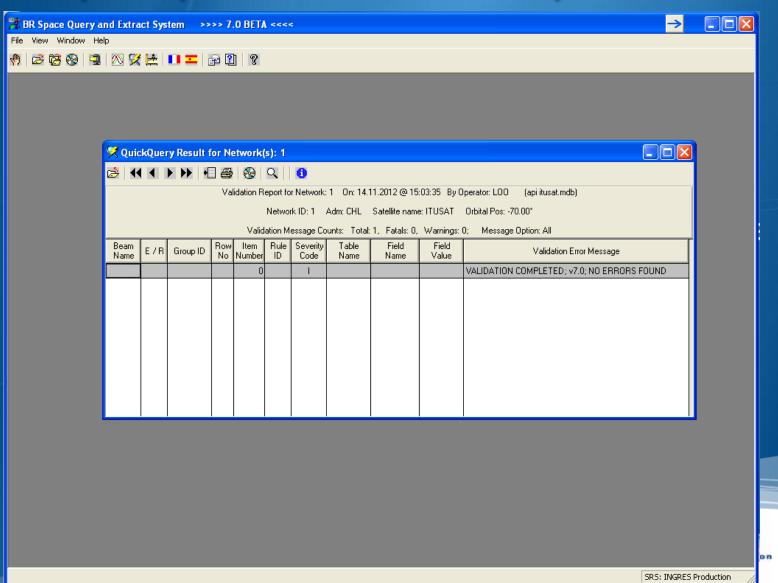
Spaceval

- Launch spaceval
 - Click on Open
 - Browse and select the database that you have captured
 - Select notice ID
 - Click on Validate
 - Click on Report
 - launches Spacequery





Spacequery – validation report



Submission to Bureau

- Create a zip file ITUSAT.zip containing
 - API ITUSAT.MDB
 - Any other attachments or notes in Word or PDF format
- Change the file extension from ".zip" to ".itu"
- Send email with attachment ITUSAT.itu to BRMAIL@ITU.INT
- Send confirmation telefax to BR at +41 22 7305785



Questions?

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