

**ITUEvents**

# **ITU World Radiocommunication Seminar 2018**

**3-7 December 2018  
Geneva, Switzerland**

[www.itu.int/go/ITU-R/WRS-18](http://www.itu.int/go/ITU-R/WRS-18)



## **HOW TO OBTAIN INFORMATION FROM THE SPACE SERVICES WEBSITE**

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# EXERCISES

## EXERCISE 1

List of GSO satellite networks using 10950-11200 MHz and located between 25E and 27E

## EXERCISE 2

List of publications related to F-SAT-N-E-12.5W satellite network

## EXERCISE 3

List of publications in the BR IFIC 2884

## EXERCISE 4

Retrieving the SNS data for F-SAT-N-E-12.5W satellite network

## EXERCISE 5

Regulatory deadline for the assignments to SKYNET-34W-KQ satellite network

# SNL ONLINE

## Space Network List

AVAILABLE TO ALL

USE OF FREQUENCY SPECTRUM  
OCCUPANCY OF THE ORBITS

REFERENCE TO BR IFIC PUBLICATIONS

NETWORKS PUBLISHED "AS RECEIVED"

BRINGING INTO USE  
SUSPENSION  
RESOLUTION 40  
BSS SERVICE EXCLUSION

# SNS ONLINE

## Space Network System

TIES ACCOUNT /  
SUBSCRIPTION

ACCESS TO THE DATA OF A  
NETWORK

DOWNLOAD OF A NETWORK  
(SNS FORMAT)

DEADLINES

# SPACE SERVICES HOMEPAGE

## ABOUT SSD

The Space Services Department (SSD) is responsible for coordination and recording procedures for space systems and earth stations. The Department handles capture, processing and publication of data and carries out examination of frequency assignment notices submitted by administrations for inclusion in the formal coordination procedures or recording in the Master International Frequency Register (MIFR).

The Department is also responsible for managing the procedures for space related assignment or allotment plans of the ITU and for provision of assistance to administrations on all of the above issues.

### Structure of SSD

- Space Publication and Registration Division (SPR)
- Space Systems Coordination Division (SSC)
- Space Notification and Plans Division (SNP)

## BR IFIC & PREFACE

The BR International Frequency Information Circular (Space Services) (BR IFIC) is a service document in DVD-ROM format, published once every two weeks. The Preface describes the contents and the layout of the BR IFIC.

[More >](#)

## COST RECOVERY

In accordance with Resolution 88 rev of the Plenipotentiary Conference (Marrakech, 2002) and Council Decision 482 modified (C2008), cost recovery is to apply to satellite network filings received by the Radiocommunication Bureau after 7 November 1998.

[More >](#)

## SNL ONLINE

Space Network List online provides basic information concerning planned or existing space stations, earth stations and radio astronomy stations; also it gives information on the use of the frequency spectrum, on the occupancy of the orbits, on the reference publications and on pending networks.

[More >](#)

## SPACE PLANS

Information concerning planned satellite networks and in particular information related to provisions for space services subject to a Plan under Appendices 30, 30A and 30B of the Radio Regulations.

[More >](#)

## SPACE SUPPORT

Information about electronic filing, space services publications and databases; also documents related to seminars and workshops organized by the Radiocommunication Bureau.

[More >](#)

## SNS ONLINE

The Space Network System online enables access to the SNS database of the Radiocommunication Bureau. It provides the SNS data of planned and non-planned satellite networks. A TIES account or a subscription is needed to access the service.

[More >](#)

## ACTIVITIES

- WRS-18, 3-7 December 2018, Geneva, Switzerland
- ITU Satellite Symposium 2018 - Geneva, 28-30 Nov
- e-Submissions of satellite network filings (Resolution 908) : **now live!**
- SIRRS - Interference Reporting : **Release for Official Use as of 1<sup>st</sup> September 2018**
- Space Seminars and Workshops
- Submission of typical earth stations in the fixed-satellite service
- Space services - E-learning center
- Res.609 (rev. WRC-07) - Consultation meeting
- Supervisory Authority of the future international registration system for Space Assets
- Submission of information on UAS CNPC links

### Databases

### Tools

### News

- Bringing into use of satellite networks
- Suspension of satellite networks
- "as received" Information (SNL-C)
- Addresses of notifying administrations
- Emergency radiocommunication (Res. 647)

## QUICK LINKS

- e-Submissions of satellite network filings
- SIRRS - Interference Reporting
- Space software - BRsoft V8
- Radio Regulations (Edition of 2016)
- ITU-R Circular letter
- ITU-R Circular Telegrams (CTITU)
- Space Services - Seminar and Workshops

SNL



SNS



# EXERCISES

## EXERCISE 1

List of GSO satellite networks using 10950-11200 MHz and located between 25E and 27E



# SNL PART A (Exercise 1)

<https://www.itu.int/ITU-R/go/space/snl/en>

- Use of the frequency spectrum
- Occupancy of the GSO and non-GSO orbits
- General list on the BRIFIC every 3 months

QUERY

The Space Network List (SNL) is a list of basic information concerning planned or existing space stations, earth stations and radio astronomy stations. It includes sections on Advanced Publication Information, coordination requests, notifications, Plans information and their related processing backlog.

More information can be found in the [Circular Letter 232](#). Also, The Bureau would appreciate receiving [your comments](#).

SNL Part A gives information on the use of the frequency spectrum, the occupancy of the geostationary orbit and non-geostationary orbit.

SNL Part B gives information on all reference publications (special sections and PARTs) related to the space services.

SNL Part C gives information on pending networks - received but not yet published by the Bureau.

To obtain more detail information on a network, please consult [SNS-online](#).



The collection of the BR WIC and BR IFIC Space Services is purchasable on DVD ROM

## FREQUENCY USE - ORBIT OCCUPANCY (PART-A)

- › List of space networks by frequency bands and orbital position

## REPORTS

- › Quarterly publication (download)
- › ITU BR Annual Space Report on the use of the GSO and other orbits
- › ITU-R Contribution to the Report on the Long-term sustainability of outer space activities

## REFERENCE PUBLICATIONS (PART-B)

- › Query by general publication references
- › Query by Special Section name
- › Query by group of Special Sections
- › Definition of the Special Sections

## SATELLITE NETWORK INFORMATION

- › Bringing into use
- › Suspension
- › Change of names
- › Change of notifying administration
- › Removal of obsolete API and CR
- › Resolution 40
- › Notex Online Query

## INFORMATION "AS RECEIVED" (PART-C)

- › All notices subject to as-received (res55)
- › Coordination Requests
- › Notifications of Space Stations
- › Article 4 of AP30/30A
- › Article 2A of AP30/30A
- › Articles 6 and 7 of AP30B

## BSS - RR 23.13 AND RES 553 / FSS - RR 6.16 OF AP30B

- › BSS service area exclusion under RR 23.13 - Networks published in AP30/E Part A
- › BSS service area exclusion under RR 23.13 - Networks published in CR/C or CR/F
- › FSS service area exclusion under RR 6.16 of AP30B - Networks published in AP30B/A6A
- › BSS in 21.4 - 22 GHz (WRC-12)

# SNL PART A (Exercise 1)

QUERY BY:

[https://www.itu.int/snl/freqtab\\_snl.html](https://www.itu.int/snl/freqtab_snl.html)

- Plan / Non-planned services
- Frequency bands
- Orbital position
- Submission reason (API, Coordination, Notification)

## LIST OF SPACE NETWORKS/EARTH STATIONS (BY FREQUENCY AND ORBITAL POSITION)

Enter data and select emission/reception and station type

Non-Planned Services  Planned Services/SOF

Frequency [MHz]: from  to

Emission/Reception:  Emission  Reception  All

Longitude: from  to

Space or Earth:  Geostationary  Non-geostationary  Earth station

Submission reason:  API  Coordination  Notification  All

[Contact BR](#) | [Help](#) | [News](#) | [FAQ](#) | [Home](#) | [Related Software](#) | [Space IFIC](#)

Revised: 15 May 114



International Telecommunication Union, 1996-2018

# SNL PART A – RESULT (Exercise 1)

## RESULT OF THE QUERY:

- List of satellite network with the Notification reason (A, C, N, U)
- For a network, list of all frequency assignments (in red)

LONGITUDE	ADM/ORG	SATELLITE NAME	NOTIF REASON	BR IFIC	FREQUENCIES
25	F	<a href="#">MR-T-SAT-25E</a>	C		<a href="#">view</a>
25.5	F / EUT	<a href="#">EUTELSAT 1-8</a>	U		<a href="#">view</a>
25.5	QAT	<a href="#">QATARSAT-G2-6</a>	C		<a href="#">view</a>
25.5	F	<a href="#">F-SAT-N3-25.5E</a>	C		<a href="#">view</a>
25.5	F	<a href="#">F-SAT-N-E-25.5E</a>	U		<a href="#">view</a>
25.5	F	<a href="#">F-SAT-N5-25.5E</a>	C		<a href="#">view</a>
25.5	F / EUT	<a href="#">EUTELSAT 3-25.5E</a>	N		<a href="#">view</a>
25.5	F	<a href="#">F-SAT-N-E-25.5E</a>	C		<a href="#">view</a>
25.5	F / EUT	<a href="#">EUTELSAT 1-8</a>	N		<a href="#">view</a>
25.5	F / EUT	<a href="#">EUTELSAT 3-25.5E</a>	U		<a href="#">view</a>
25.9	QAT	<a href="#">QATARSAT-G4-25.9E</a>	C		<a href="#">view</a>
26	IRN	<a href="#">ZOHREH-2</a>	U		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT-KU-26E</a>	U		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 5B-26E</a>	U		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 5B-26E</a>	N		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT-KU-26E</a>	N		<a href="#">view</a>
26	IRN	<a href="#">ZOHREH-2</a>	N		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 8B-26E</a>	C		<a href="#">view</a>
26	QAT	<a href="#">QATARSAT-G2-7</a>	C		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 7B-26E</a>	U		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 7B-26E</a>	C		<a href="#">view</a>
26	ARS / ARB	<a href="#">ARABSAT 7B-26E</a>	N		<a href="#">view</a>
26.5	IRN	<a href="#">IRANSAT-26.5E</a>	C		<a href="#">view</a>
26.8	CZE	<a href="#">PEKASAT-8</a>	C		<a href="#">view</a>
27	IRN	<a href="#">IRANSAT-27E</a>	C		<a href="#">view</a>
27	UAE	<a href="#">MADAR-27E</a>	C		<a href="#">view</a>

TOTAL:

26

## EUTELSAT 1-8 (N)

BEAM NAME	EMISS/REC	FREQ.(MHz)	BDWIDTH(kHz)	FR.MIN(MHz)	FR.MAX(MHz)	CLASS
RE1	R	14041.7	72000	14005.7	14077.7	EC
RE1	R	14125	72000	14089	14161	EC
RE1	R	14208.3	72000	14172.3	14244.3	EC
RE1	R	14291.7	72000	14255.7	14327.7	EC
RE1	R	14375	72000	14339	14411	EC
RE1	R	14458.3	72000	14422.3	14494.3	EC
RE5	R	14041.7	72000	14005.7	14077.7	EC
<b>E1</b>	<b>E</b>	<b>10991.7</b>	<b>72000</b>	<b>10955.7</b>	<b>11027.7</b>	<b>EC</b>
<b>E1</b>	<b>E</b>	<b>11158.3</b>	<b>72000</b>	<b>11122.3</b>	<b>11194.3</b>	<b>EC</b>
E1	E	11450.4	700	11450	11450.7	EK
E1	E	11450.4	700	11450	11450.7	ER
E1	E	11450.4	700	11450	11450.7	EK
E1	E	11450.4	700	11450	11450.7	ER
E1	E	11451.1	700	11450.7	11451.4	EK
E1	E	11451.1	700	11450.7	11451.4	ER
E1	E	11451.1	700	11450.7	11451.4	EK
E1	E	11451.1	700	11450.7	11451.4	ER
<b>E2</b>	<b>E</b>	<b>10991.7</b>	<b>72000</b>	<b>10955.7</b>	<b>11027.7</b>	<b>EC</b>
<b>E2</b>	<b>E</b>	<b>11158.3</b>	<b>72000</b>	<b>11122.3</b>	<b>11194.3</b>	<b>EC</b>
E2	E	11491.7	72000	11455.7	11527.7	EC
E2	E	11658.3	72000	11622.3	11694.3	EC
<b>E3</b>	<b>E</b>	<b>11075</b>	<b>72000</b>	<b>11039</b>	<b>11111</b>	<b>EC</b>
E3	E	11575	72000	11539	11611	EC
E4	E	11575	72000	11539	11611	EC



# EXERCISES

## EXERCISE 2

List of publications related to F-SAT-N-E-12.5W satellite network

# SNL PART B (Exercise 2)

<https://www.itu.int/ITU-R/go/space/snl/en>

- Reference publications
- First publication SAT1 on 16.02.1965
- Updated every two weeks
- The files of the publications are not available

QUERY

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- › Definition of the Special Sections

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- › Notox Online Query

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- › Coordination Requests
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- › Article 2A of AP30/30A
- › Articles 6 and 7 of AP30B

## BSS - RR 23.13 AND RES 553 / FSS - RR 6.16 OF AP30B

- › BSS service area exclusion under RR 23.13 - Networks published in AP30/E Part A
- › BSS service area exclusion under RR 23.13 - Networks published in CR/C or CR/F
- › FSS service area exclusion under RR 6.16 of AP30B - Networks published in AP30B/A6A
- › BSS in 21.4 - 22 GHz (WRC-12)

# SNL PART B – QUERY (Exercise 2)

QUERY BY:

<https://www.itu.int/net/ITU-R/space/snl/bsearchb/spublication.asp>

- Type of procedure
- Satellite name / Earth station name
- ADM / Orbital position
- Date of receipt / date of publication

<b>Type of Procedure :</b> <input type="checkbox"/> ALL <input type="checkbox"/> API <input type="checkbox"/> Coordination <input type="checkbox"/> Notification <input type="checkbox"/> RES49 <input type="checkbox"/> AP30&30A <input type="checkbox"/> AP30B			
<b>SNS ID</b>	<input type="text"/>		
<b>Satellite Name</b> <small>(To select from the list or to type)</small>	F-SAT-N-E-12.5W <input type="text"/> F-SAT-N-E-12.5W x	<b>Earth Station Name</b>	none <input type="text"/>
<b>ADM</b>	all <input type="text"/>	<b>Network Org / Area</b>	all <input type="text"/>
<b>IFIC/WIC Number</b>	<input type="text"/>	<b>Year</b>	<input type="text"/>
<b>IFIC Date - From</b>	dd/mm/yyyy <input type="text"/>	<b>To</b>	dd/mm/yyyy <input type="text"/>
<b>Date of Rcv - From</b>	dd/mm/yyyy <input type="text"/>	<b>To</b>	dd/mm/yyyy <input type="text"/>
<b>All GSO</b> <input checked="" type="checkbox"/> <b>All N-GSO</b> <input checked="" type="checkbox"/> or <b>Nominal orbital position</b> - in degrees (+) for East or (-) for West:			
<b>From (-180)</b>	<input type="text"/>	<b>To (180)</b>	<input type="text"/>
<input type="checkbox"/> <b>I want only suppressed networks</b>		<input type="checkbox"/> <b>Open the results in a new window</b>	
		<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

# SNL PART B – RESULT (Exercise 2)

- List of reference publications
- Export
- Link to SNS online and to IFIC.mdb
- Link to old/new satellite names

Your query : / Type = gso or ngso / Satellite network = F-SAT-N-E-12.5W / Earth station = none

[Complete list](#)  - [Explanations](#)  - [Export in txt format](#)  - [Export in Excel format](#) 

Total line = 11/11

ID number (SNS)	adm	ORG or Geo.area	Satellite name	Earth station	long_nom	Date of receipt	ssn_ref	ssn_no	ssn rev/ Sup	ssn rev no	removal	Part/ Art.	WIC/IFIC (IFIC.mdb)	WIC/IFIC date
<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>					<a href="#">up down</a>	
<a href="#">109540404</a>	F		F-SAT-N-E-12.5W		-12.5	28.05.2009	API/A	5665					<a href="#">2648</a>	14.07.2009
<a href="#">109520285</a>	F		F-SAT-N-E-12.5W		-12.5	01.12.2009	CR/C	2525					<a href="#">2666</a>	06.04.2010
<a href="#">109520285</a>	F		F-SAT-N-E-12.5W		-12.5	01.12.2009	CR/D	1698					<a href="#">2685</a>	11.01.2011
<a href="#">116590038</a>	F		F-SAT-N-E-12.5W		-12.5	26.05.2016	RES49	1917					<a href="#">2822</a>	21.06.2016
<a href="#">116500125</a>	F		F-SAT-N-E-12.5W		-12.5	24.05.2016	PART I-S						<a href="#">2823</a>	05.07.2016
116512014	F		F-SAT-N-E-12.5W		-12.5	24.05.2016	PART III-S						<a href="#">2837</a>	24.01.2017
<a href="#">116500125</a>	F		F-SAT-N-E-12.5W		-12.5	24.05.2016	PART II-S						<a href="#">2837</a>	24.01.2017
<a href="#">109520285</a>	F		F-SAT-N-E-12.5W		-12.5	28.05.2016	CR/C	2525	M	1			<a href="#">2853</a>	05.09.2017
<a href="#">116500125</a>	F		F-SAT-N-E-12.5W		-12.5	17.07.2017	PART I-S						<a href="#">2857</a>	31.10.2017
<a href="#">116500125</a>	F		F-SAT-N-E-12.5W		-12.5	17.07.2017	PART II-S						<a href="#">2873</a>	26.06.2018
<a href="#">109520285</a>	F		<a href="#">F-SAT-N-E-12.5W</a>		-12.5		CR/C				F		2880	02.10.2018

Total line = 11/11

# EXERCISES

## EXERCISE 3

List of publications in the BR IFIC 2884

# SNL PART B – (Exercise 3)

Table of content of BR IFIC 2884

Type of Procedure :  ALL  API  Coordination  Notification  RES49  AP30&30A  AP30B

SNS ID	<input type="text"/>		
Satellite Name <small>(To select from the list or to type)</small>	all <input type="text"/>	Earth Station Name	all <input type="text"/>
ADM	all <input type="text"/>	Network Org / Area	all <input type="text"/>
IFIC/WIC Number	2884 <input type="text"/>	Year	<input type="text"/>
IFIC Date - From	dd/mm/yyyy <input type="text"/>	To	dd/mm/yyyy <input type="text"/>
Date of Rcv - From	dd/mm/yyyy <input type="text"/>	To	dd/mm/yyyy <input type="text"/>
<input checked="" type="checkbox"/> All GSO <input checked="" type="checkbox"/> All N-GSO or Nominal orbital position - in degrees (+) for East or (-) for West:			
From (-180)	<input type="text"/>	To (180)	<input type="text"/>

I want only suppressed networks  
 Open the results in a new window



Total line = 198/198

ID number <small>(Satc)</small>	adm	ORG or Geo.area	Satellite name	Earth station	long_nom	Date of receipt	ssn_ref	ssn_no	ssn rev/ Sup	ssn rev no	removal	Part/ Art.	WIC/IFIC <small>(Bic.mdb)</small>	WIC/IFIC date
<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>	<a href="#">up down</a>					<a href="#">up down</a>	
110552013	HOL		NSS-BSS 57E		57	02.08.2018	AP30/E	532				B	2884	27.11.2018
110552014	HOL		NSS-BSS 100E		100	07.08.2018	AP30/E	533				B	2884	27.11.2018
118552007	RUS	IK	IK-16W-BD		-16	19.07.2018	AP30/E	809				A	2884	27.11.2018
110555004	B		B-SAT-3C		-70	04.07.2018	AP30-30A/E	548				B	2884	27.11.2018
110554013	HOL		NSS-BSS 57E		57	02.08.2018	AP30A/E	532				B	2884	27.11.2018
110554014	HOL		NSS-BSS 100E		100	07.08.2018	AP30A/E	533				B	2884	27.11.2018
110559031	UAE		YAHSAT-FSS-60E		60	04.10.2010	AP30B/A6A	162	S				2884	27.11.2018
118559001	E		HISPASAT-70A		-61	08.01.2018	AP30B/A6A	549					2884	27.11.2018
118559002	F		F-SAT-30B-117.4E		117.4	24.01.2018	AP30B/A6A	550					2884	27.11.2018
118559003	ISR		AMS-30B-A1-39.5W		-39.5	08.02.2018	AP30B/A6A	551					2884	27.11.2018
118559005	F		F-SAT-30B-139W		-139	01.03.2018	AP30B/A6A	552					2884	27.11.2018
111559006	RUS	IK	INTERSPUTNIK-156E-F		156	07.02.2017	AP30B/A6B	112	M	2			2884	27.11.2018
116545211	KAZ		AL-FARABI-2		N-GSO	19.10.2018	API/A	11933	M	1			2884	27.11.2018
117545320	MLA		INNOSAT 2		N-GSO	04.09.2018	API/A	12009	M	1			2884	27.11.2018
118545077	USA		INCA		N-GSO	22.08.2018	API/A	12237					2884	27.11.2018
118545082	USA		CUBESAIL		N-GSO	22.08.2018	API/A	12240					2884	27.11.2018
118545060	USA		MEMSAT-1		N-GSO	27.08.2018	API/A	12242					2884	27.11.2018
118545137	USA		HSAT		N-GSO	09.08.2018	API/A	12243					2884	27.11.2018
118545147	J		DREAME SAT 01		N-GSO	31.08.2018	API/A	12244					2884	27.11.2018
116545113	UAE		FALCONEYE		N-GSO	05.04.2018	API/B	960	M	1			2884	27.11.2018

# EXERCISES



## EXERCISE 4

Retrieving the SNS data for F-SAT-N-E-12.5W satellite network

# SNS – MENU (Exercise 4)

## Space Network Systems Online

<https://www.itu.int/sns/>

Welcome to Space Network Systems Online!

SNS Online gives access to the **Space Networks Systems Database** of the Radiocommunication Bureau of the ITU. The database contains AP4 data of geostationary satellite filings, non-geostationary satellite filings and earth station filings.

SNS Online is a yearly **subscription service**. It is available as a free service for **TIES** registered users.

Note: SNS Online will only be available 48 hours after registering for TIES.

Try the d

Query for non-planned bands

As a subs

es:

### [SNS Database](#)

[Description \(Pdf document:see Section III\)](#) View the description of the SNS database (INGRES and MS/ACCESS) in a PDF document: Section III of the Preface

[SNS Database Changes](#) View the description of structural changes to SNS database (INGRES and MS/ACCESS)

### [Query Systems](#)

[General Query System \(non-planned bands\)](#) Navigate through SNS database using predefined queries to retrieve a list of satellites or earth stations. Select a specific satellite or earth station and view all the beams/antennas, frequencies, emissions, coordination information for the selection.

[Space Plans Query System](#) allows you to navigate through the SNS database (planned services) using predefined queries. Use the system in case you want to retrieve a list of satellites in the planned services and then "navigate" through a specific satellite. View all the beams, frequencies, emissions, coordination information of the selected station.

[Suppressed and Removed Notices Query System](#) Display notices in the SNS database which have been suppressed or removed. Use the query in case you want to retrieve a list of suppressed or removed satellites or earth stations.

[Advance Publication Query System](#) Retrieve advance publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

**To get information on API subject to coordination, use the next link [SpaceWISC API Query](#).**

[SpaceWISC API Query](#) Retrieve advance publication subject to coordination data submitted through the SpaceWISC Web Application. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

[Res49/Res552 Publication Query System](#) Retrieve Due Diligence publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection

[Removal of obsolete API and CR](#) Display the list of obsolete information on Advance Publication Information and Coordination Requests which have been removed from SRS and SPS databases.

[Regulatory Dates and Unique frequency Bands](#) Display the list of Regulatory Dates by Unique Frequencies on Coordination and Notification Filings.

[System Online Query](#) System Online Query provides information on the status of 411-224 coordination requests that have been submitted under the 11-11 coordination system (11-11)



# SNS –QUERY SYSTEM (Exercise 4)

QUERY BY:

<https://www.itu.int/sns/database.html>

- Plan / Non-planned services
- Satellite network / ADM/ SNS notice ID / Orbital position
- Submission reason (API, Coordination, Notification)

## NETWORKS/EARTH STATION INFORMATION

Enter data and select category and satellite/station type

Satellite/Earth Station Name:

or enter Notice identifier:

Notifying Administration:

Geo  Non-Geo  Earth Station  Radio Astronomy

Network Organization:

Longitude (from):

Longitude (to) :

Notification reason:  Coordination  Coordination(Earth)  Notification  All

Processing Status:  Recorded (MIFR)  All

Satellite/Earth Station:  Geostationary  Non-Geostationary  Earth Station  Radio Astronomy

# SNS – QUERY SYSTEM (Exercise 4)

SATELLITE NAME CATEGORY ADM NTWK ORG LONGITUDE DATE OF PROTECTION STATUS IFIC

<a href="#">F-SAT-N-E-12.5W</a>	U	F		-12.5		<a href="#">See TSUM</a>	<a href="#">50</a>	<a href="#">2822</a>
<a href="#">F-SAT-N-E-12.5W</a>	N	F		-12.5		<a href="#">See TSUM</a>	<a href="#">50</a>	<a href="#">2873</a>

TOTAL: 2

## SUMMARY INFORMATION

Satellite name: F-SAT-N-E-12.5W  
 Category: N, Adm: F, Ntwk: -, Org: 11.2, Provn: 17.07.2017, Date last modified: 17.07.2017

Download notice into MS/ACCESS

## DETAILED INFORMATION

NOMINAL LONGITUDE	TOLERANCE EAST	TOLERANCE WEST	INCLINATION EXCURSION	ACTIVE STATION
-12.5	0.1	0.1	0.1	-

To view diagrams on SNS Online:

[Help System GIMS - Graphical Interference Management System](#)

ACTION	BEAM NAME	EMISS	REC	MAX ISO GAIN	POINTING ACCURACY	RADIATION DIAGRAM	GAIN DIAGRAM	GAIN VS ORBIT DIAGRAM	BEAM NAME(OLD)	ANT.	TYPE															
group id	action	adm	resp.	band	date bringing into use	noise temp.	op	agcy	pol.	type	pol.	angle	area	diag	validity	class	stn	nat	srv	fdg	reg	date prot	d_rvcv	first notif.	publication ref	no
117770495		A		36000	15.02.2016		104	L	3.5	1	40	EC	CP	A-	01.12.2009	24.05.2016								IFIC2		
<a href="#">more...</a>																								IFIC1	CR/C	2525
117770496		A		36000	15.02.2016		104	L	3.5	1	40	EC	CP	A-	01.12.2009	24.05.2016								IFIC2		
<a href="#">more...</a>																								IFIC1	CR/C	2525
117770497		A		36000	15.02.2016		104	L	3.5	1	40	EC	CP	A-	01.12.2009	24.05.2016								IFIC2		
<a href="#">more...</a>																								IFIC1	CR/C	2525
																								API/A	5665	

# EXERCISES



## EXERCISE 5

Regulatory deadline for the assignments to SKYNET-34W-KQ satellite network

# SNS – MENU (Exercise 5)

## Space Network Systems Online

<https://www.itu.int/sns/regdate.html>

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Try the [demo pages](#) and if you are not a TIES registered user [subscribe](#) to the service.

### As a subscriber to the service you have access to the following features:

#### SNS Database

[Description \(Pdf document:see Section III\)](#)

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[SNS Database Changes](#)

View the description of structural changes to SNS database (INGRES and MS/ACCESS)

#### Query Systems

[General Query System](#)

Navigate through SNS database using predefined queries to retrieve a list of satellites or earth stations. Select a specific satellite or earth station and view all the beams/antennas, frequencies, emissions, coordination information for the selection.

[\(non-planned bands\)](#)

[Space Plans Query System](#)

allows you to navigate through the SNS database (planned services)using predefined queries. Use the system in case you want to retrieve a list of satellites in the planned services and then "navigate" through a specific satellite. View all the beams, frequencies, emissions, coordination information of the selected station.

[Suppressed and Removed Notices Query](#)

[System](#)

Display notices in the SNS database which have been suppressed

[Advance Publication Query System](#)

Retrieve advance publication data from the database. Based on your selection of your selection.

[SpaceWISC API Query](#)

Retrieve advance publication subject to coordination data submitted to the SpaceWISC Web Application. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

[Res49/Res552 Publication Query System](#)

Retrieve Due Diligence publications from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection

[Removal of obsolete API and CR](#)

Display the list of obsolete information on Advance Publication Information and Coordination Requests which have been removed from SRS and SPS databases.

[Regulatory Dates and Unique frequency](#)

Display the list of Regulatory Dates by Unique Frequencies on Coordination and Notification Filings.

[System Online Query](#)

System Online Query system information regarding the status of 411-224 coordination results for the data Service Management System (SMS) 411-114

Query for regulatory deadlines

# SNS – REGULATORY DEADLINES (Exercise 5)

**REGULATORY DATES**

Enter data and select category and satellite/station type

Satellite Name:  or enter Notice identifier:

Notifying Administration:

Network Organization:

Longitude (from):

Longitude (to) :

Notification reason:  Coordination  Notification

Satellite:  Geostationary  Non-Geostationary

Display  List of Unique Frequency Bands  List of Frequency Bands within Each Beam



SATELLITE NAME	CATEGORY	ADM	NTWK	ORG	LONGITUDE	UNIQUE FREQUENCY BANDS
<a href="#">SKYNET-34W-KQ</a>	C	G			-34	<a href="#">Details</a>
TOTAL:						1



Beam Name	Emiss	Rec Date of receipt	Frequency from (MHz)	Frequency to (MHz)	Regulatory start date	Regulatory date limit
EU	E	01.08.2018	20200	21200	01.08.2018	01.08.2025
EU	R	01.08.2018	30000	31000	01.08.2018	01.08.2025
GBK	E	01.08.2018	20200	20308	01.08.2018	01.08.2025
GBK	E	01.08.2018	20217	20325	01.08.2018	01.08.2025
GBK	E	01.08.2018	20325	20433	01.08.2018	01.08.2025
GBK	E	01.08.2018	20342	20450	01.08.2018	01.08.2025
GBK	E	01.08.2018	20450	20558	01.08.2018	01.08.2025
GBK	E	01.08.2018	20467	20575	01.08.2018	01.08.2025
GBK	E	01.08.2018	20575	20683	01.08.2018	01.08.2025
GBK	E	01.08.2018	20592	20700	01.08.2018	01.08.2025
GBK	E	01.08.2018	20700	20808	01.08.2018	01.08.2025
GBK	E	01.08.2018	20717	20825	01.08.2018	01.08.2025



**Thank you**

**Please remember to visit  
the WRS-18 Exhibition  
located at the entrance of the  
ITU Montbrillant building**