ITUEvents

ITU World Radiocommunication Seminar 2018

3-7 December 2018 Geneva, Switzerland

www.itu.int/qo/ITU-R/WRS-18





Exercise for e-Submission

of Satellite Network Filings

By Koichi SUMIYOSHI

Space Services Department Radiocommunication Bureau ITU

ITU HQ Geneva, 6 December, 2018

Agenda



- 1. Quick review of e-Submission
- 2. Demonstration of exercise
- 3. Common mistake made by users
- 4. Useful tips
- 5. Self exercise
- 6. Q&A

Quick review of e-Submission





e-Submission of Satellite Network Filings

- a secure paperless online system for Administrations and satellite operating agencies to submit all satellite network filings and comments files. It is mandate from 1 Aug.
- developed in response to Resolution 908 (Rev.WRC-15).

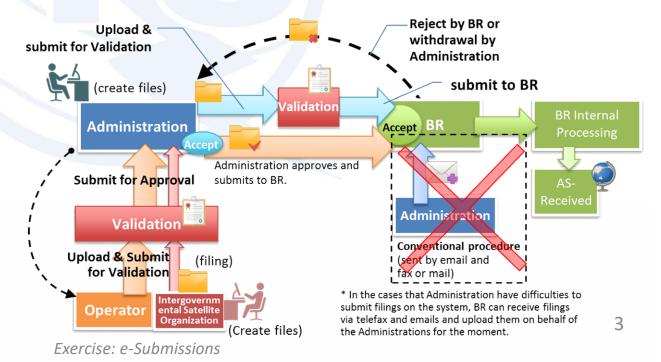


General Functions

- Web based online application and user-friendly I/F
- Confirmation telefax is unnecessary
- All types of space notices are supported
- Automatic acknowledgement emails and notices
- Online validation of uploaded files before submission

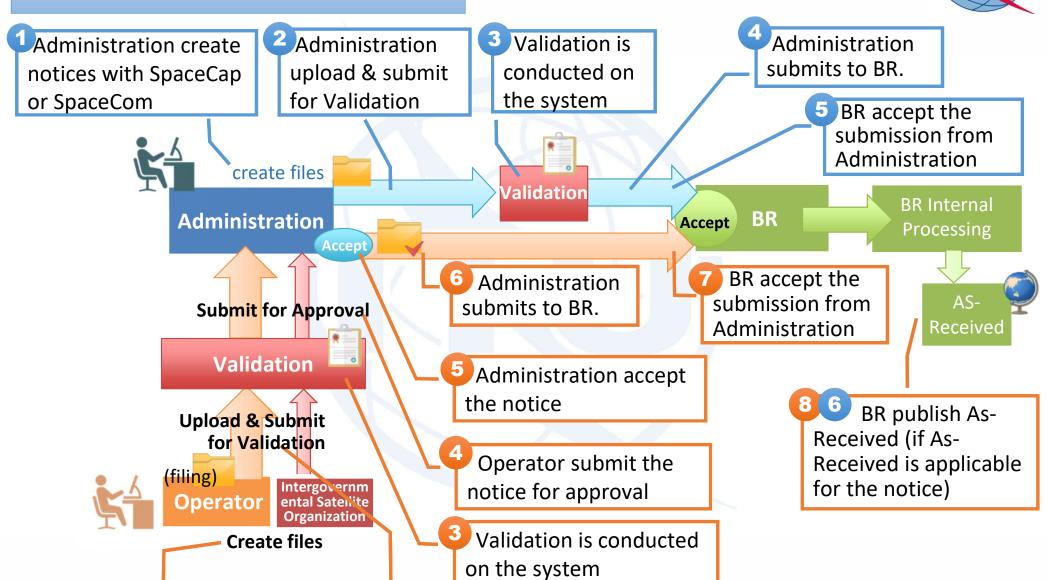
- Online verification of DB structure (SNS V8)
- View of a summary of all frequency bands included in the filing
- Tracking the status of submitted notices
- Event history list for each submission





Overall system workflow

Procedure from Administration to BR



Operator create notices with SpaceCap

Operator upload & submit for Validation

Procedure from Operator to Administration to BR

2. Introduction of exercises for e-Submission (1)



Test site of e-Submission:

https://www.itu.int/ITU-R/space-submissions/external/training/

1. Log in/ Add new user accounts as Administration and Operator users

Goal: Get familiar with (1) How to log in and (2) How to add other user accounts **Scenario:**

1) Log in as Administration manager of your administration listed in the test user list in USB key (Username: "WRS18_xxx"("xxx" is different according to your administration's symbol), Password: "wrs18@itu").

(When you have your own TIES user account)

- 2) Add your TIES username as Administration User and Operator User of your administration.
- 3) Log in as Administration manager of SUI listed in the test user list in USB key (Username: "WRS18_SUI", Password: "wrs18@itu") and add your TIES username as Administration User or Operator User of SUI.

2. Introduction of exercises for e-Submission (2)



2. <u>Simple submission through e-Submission</u>

Goal: Get familiar with submission of filings through e-Submission **Scenario:**

- 1) Log in as SUI Administration User or Operator User which were added in the previous exercise 1. or SUI Administration Manager in the test user list in USB key.
- 2) Submit the test filing of CR/C (SUI_UIT-TESTSAT-1) stored in USB key through e-Submission as SUI Administration Manager/User or Operator User

3. Submission with Fatal error through e-Submission

Goal: Get familiar with submission of filing which have fatal errors through e-Submission **Scenario:**

- 1) After exercise 2., Submit filing of API/A (SUI_TESTSAT-2_API) in USB key through e-Submission as SUI Administration User or Operator User.
- 2) In this case, the file includes fatal error(s) and warnings. Please consider how to manage them.

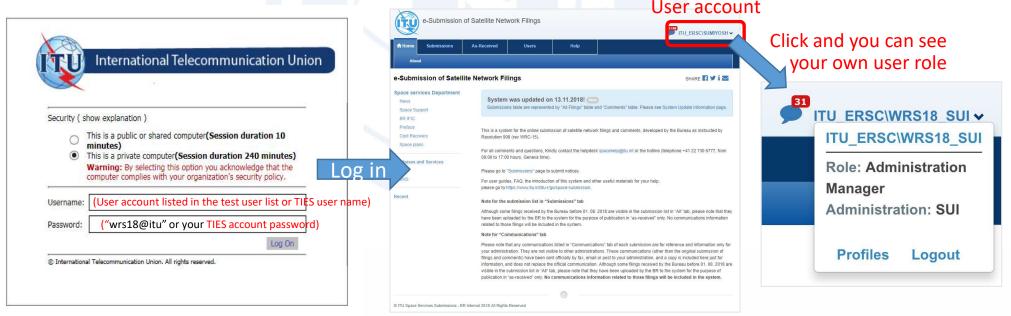
(See the user guides provided in USB key for more details.)

Log in as Administration Manager of your administration



(Log in as Administration Manager or Operator Manager in your administration)

- 1. Access the test site for e-Submission: https://www.itu.int/ITU-R/space-submissions/external/training/
- Log in as Administration manager of your administration listed in the test user lists in USB key (username: WRS18_XXX ("XXX" is deferent according to your administration), Password: wrs18@itu)
- 3. Confirm that you have logged in correctly by clicking on your user account name in the upper right corner.



Log in display

Home page of the system

WRS-18 on 3-7 December 2018 Exercise: e-Submissions 7

2. Detailed procedure of exercise 1 (cont.)

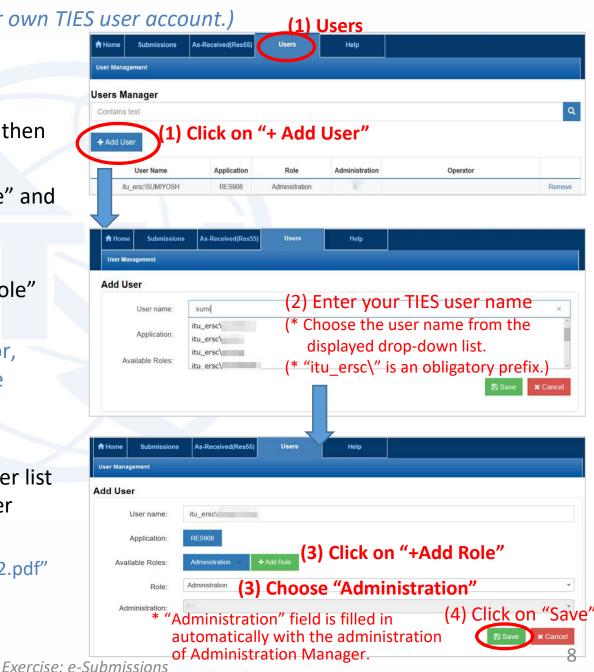
Assign the roles of Administration Manager and Operator Manager to your TIES username



(From this step, please try when you have your own TIES user account.)

(Log in as Administration manager of your administration)

- 1) Go to Users tab and click on "+ ADD User", then go to "Add User" page.
- 2) Enter your TIES user name into "User name" and chose your TIES user name.
- 3) Click on "+Add Role", then choose "Administration" from drop-down list in "Role" field.
- * if you wish to add your user role as Operator, choose "Operator" and Choose appropriate operator name in "Operator" field.
- 4) Click on "Save"
- 5) After clicking on "Save", you can see the user list of your administration. Check that your user account has been added to the list.
- * Please see "4_USER_GUIDEforUserManagementV2.pdf" stored in USB key for more details.



2. Detailed procedure of exercise 1 (cont.)

Log in as another user account

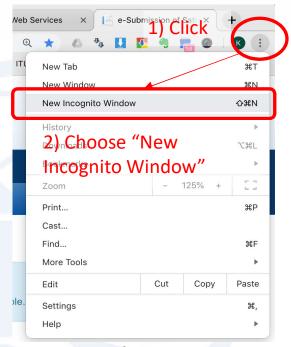
In the next step, you need to log in as SUI Administration Manager in the test user list and add your TIES account as SUI Administration User.

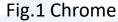
In order to log in as another account,

- Open another web browser and access the test or
- 2) Open a new private window as below according to your web browser and access the test site again.
 - "New Incognito Window" (for Chrome) (Fig.1)
 - "New Private Window" (for Firefox) (Fig.2)
 - "InPrivate Browsing" (for Internet Explorer) (Fig.3)
- 3) log in as SUI Administration Manager in the test user list in USB key.

(username: WRS18_SUI, Password: wrs18@itu)

4) Register your TIES username as Administration User and Operator Manager roles of SUI Administration





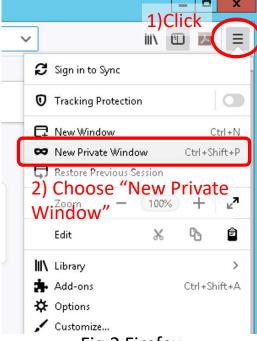
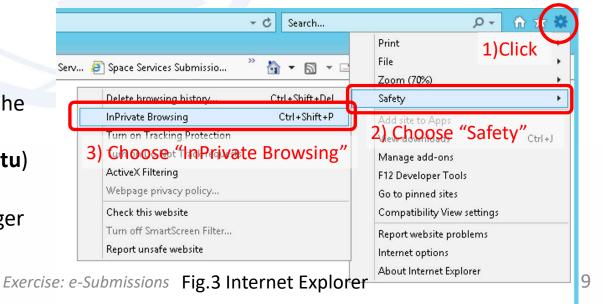


Fig.2 Firefox



Submit filing through e-Submission (1)



Goal: Get familiar with How to submit filings through e-Submission

Procedure:

- Log in as SUI Administration User or Operator User (your user account which was added in the previous exercise 1. or listed in the test user list in USB key. (username: WRS18_SUI, Password: wrs18@itu)).
 - * If you need to change your user account, please refer to the previous slide.
- 2) Go to "Submissions" tab -> New
- 3) Click on "CR/C" (Fig.1)
- 4) You can see the uploading page (go to the next slide)

1) Submissions

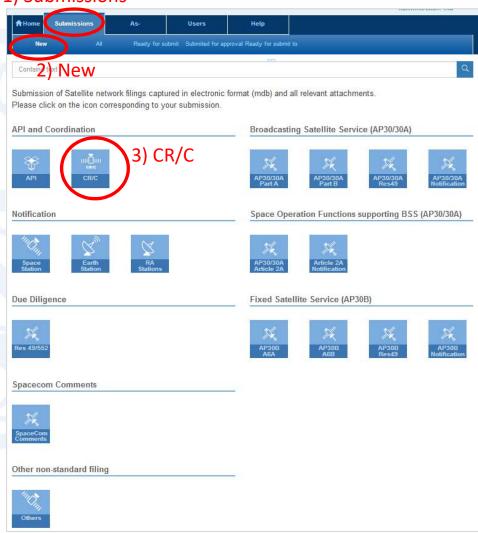
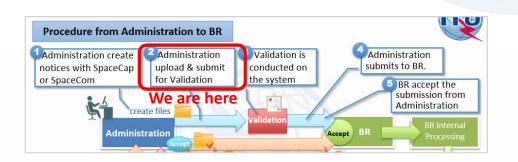


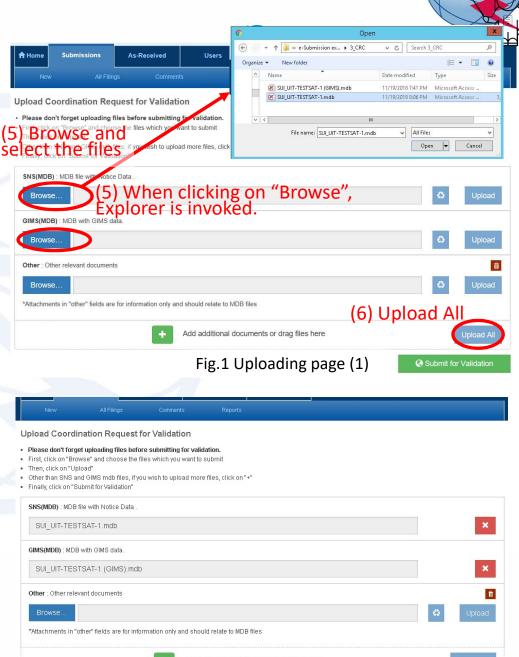
Fig.1 New submission page

Submit filing through e-Submission (2)

- On the uploading page, browse and select SNS and GIMS files stored in USB Key.
 - Choose "SUI_UIT-TESTSAT-1.mdb" in "SNS (MDB)" field
 - 2) Choose "SUI_UIT-TESTSAT-1(GIMS).mdb" in "GIMS (MDB)" field
- 6) Click on "Upload All" and upload chosen files
- 7) Click on "Submit for validation" (Fig.2).
- Uploaded mdb files are validated automatically on the system.

Go to the next slide.





(7) Submit for Validation

Fig.2 Uploading page (2)

Exercise: e-Submissions

Submit filing through e-Submission (3)

- During the validation process, a notice and status (validation in progress) (Fig.1) are shown at the lower part of the display.
- 10) After validation is finished, the status becomes "Ready to Submit to BR" and Validation report is uploaded.
- 11) Check validation report and Database validation result and confirm that there are **No Fatal Errors** (See the next slide)
- 12) Click on "Submit to BR", then the filing is submit to BR.

(Operators submit for approval to their Administrations.)



* This is a Administration user's view. The status of Operator's view is "Ready to Submit".



Fig. 1 Notice under validation

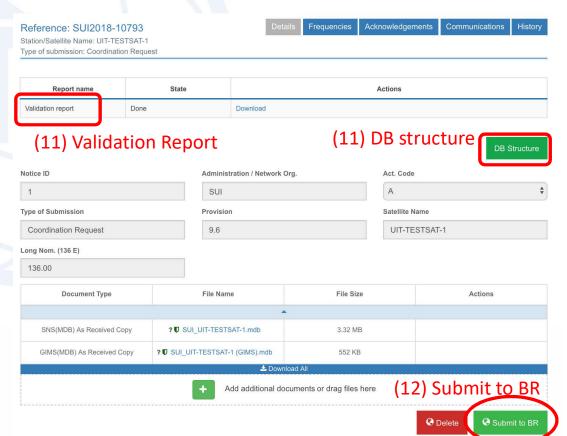


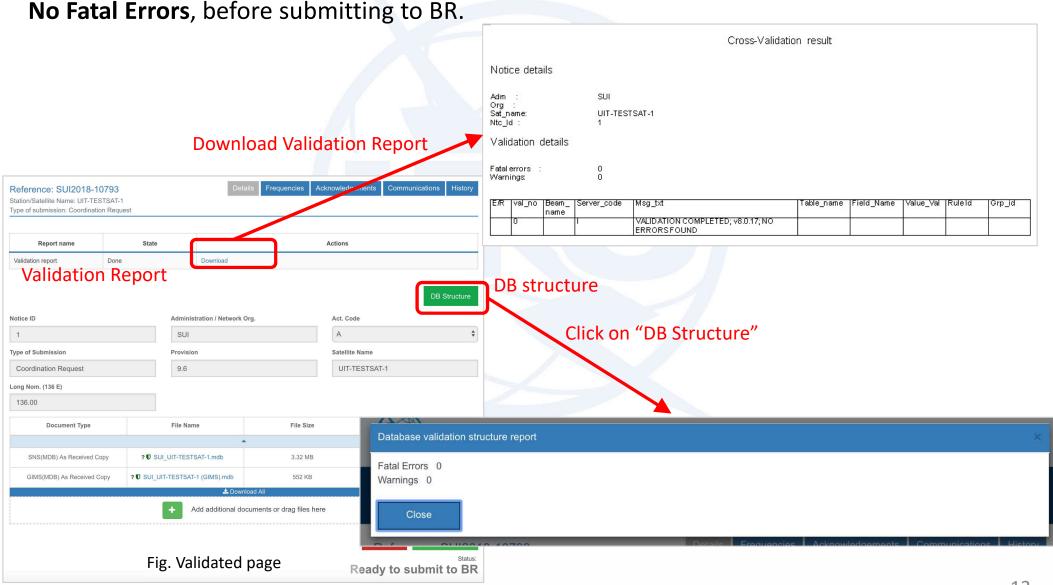
Fig.2 Validated page

Exercise: e-Submissions

Ready to submit to BR

Submit filing through e-Submission (4)

Please check validation report and Database validation result, and **confirm that there are**



Submit filing through e-Submission (5)

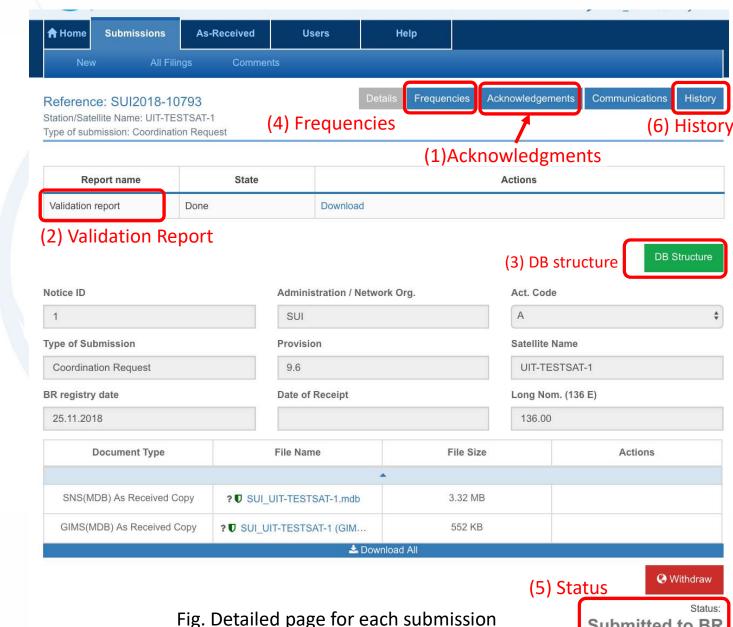


Submitted to BR

General Functions on the detailed submitted page

- **Automatic** acknowledgement emails and notices
- Online validation of uploaded files before submission
- Online verification of DB structure (SNS V8)
- View of a summary of all frequency bands included in the filing
- Tracking the status of submitted notices
- Event history list for each submission

Please try to click on these tabs and check the reactions.



Submit filing through e-Submission (6)



General Functions on Submission table

- Submissions table is represented by "All Filings" table and "Comments" table.
- Sort out the notices by types of notices
- Tracking the status of submitted notices
- 4) The user types uploaded notices to the system are shown as ADM, OP, ITU and IGSO.
- Lead to each detailed submission page.

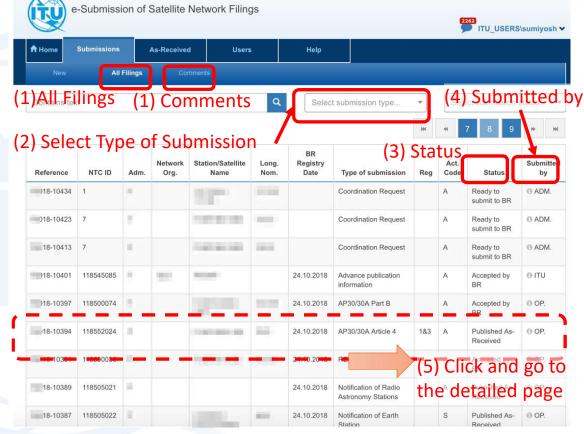


Fig. Submission List (All Filings)

Please try to click on these tabs and check the reactions.

Submit filing with Fatal Error (1)

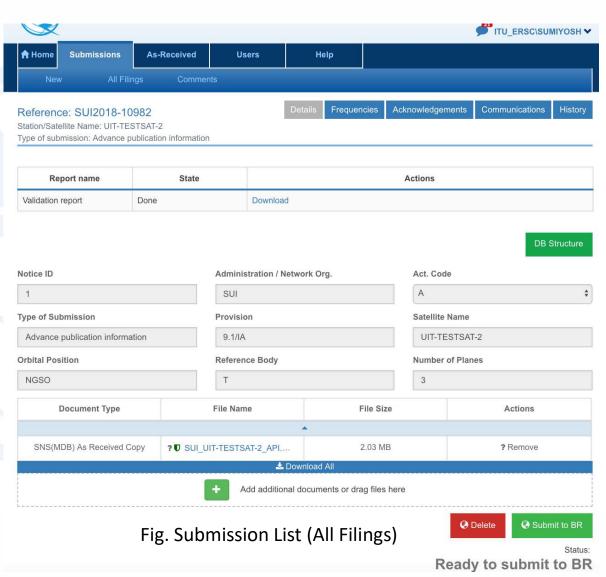


Goal: Get familiar with submission of filing which have fatal errors.

Procedure:

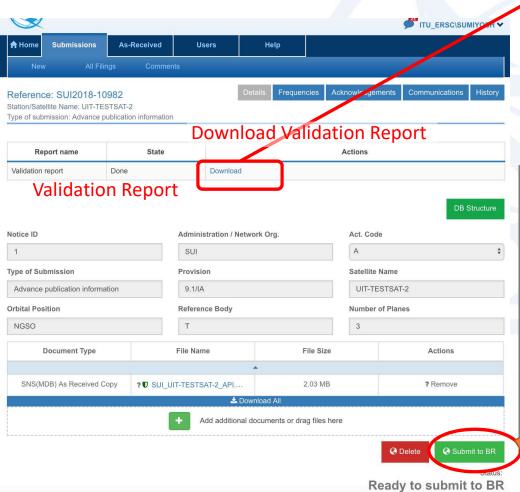
- Log in as SUI Administration User or Operator User (your user account which was added in the previous exercise 1. or listed in the test user list in USB key. (username: WRS18_SUI, Password: wrs18@itu)).
- 2) Upload "SUI_UIT-TESTSAT-2_API.mdb" and submit for validation under API by clicking on Submit for Validation .
- 3) Your display is as right Fig. and the status is "Ready to submit to BR".

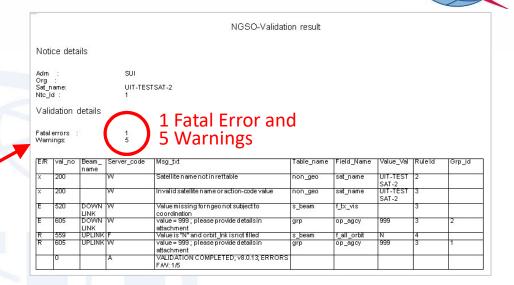
(If you are an Operator user, the status is "Ready to submit".)

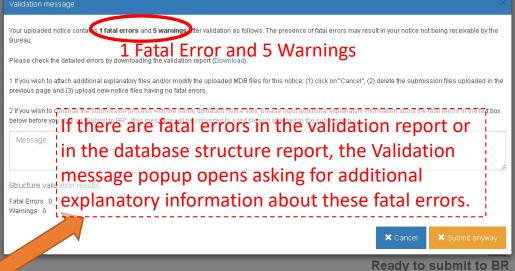


Submit filing with Fatal Error (2)

4) Please check validation report and Database validation result before submitting to BR.







errors, the above alert message is shown.

Exercise: e-Submissions

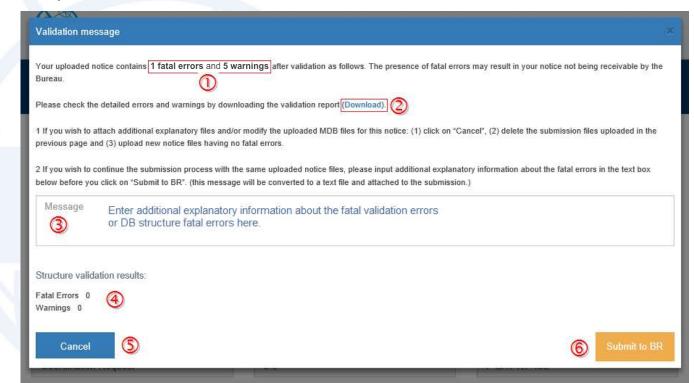
If you click on "Submit to BR" with fatal

Submit filing with Fatal Error (3)

5) In general, users have to correct all identified fatal errors. The fatal errors may result in the notice becoming not receivable by the Bureau.

To manage the fatal errors and warnings,

- Check displayed numbers of fatal errors and warnings 1.
- 2. Click "Download" ② to open the validation report and check the contents and reasons for fatal error(s).
- 3. Click on "Cancel" (5) to cancel the submission.
- 4. If the fatal errors can be corrected in the mdb file(s), a new filing need to be created as a new submission. or



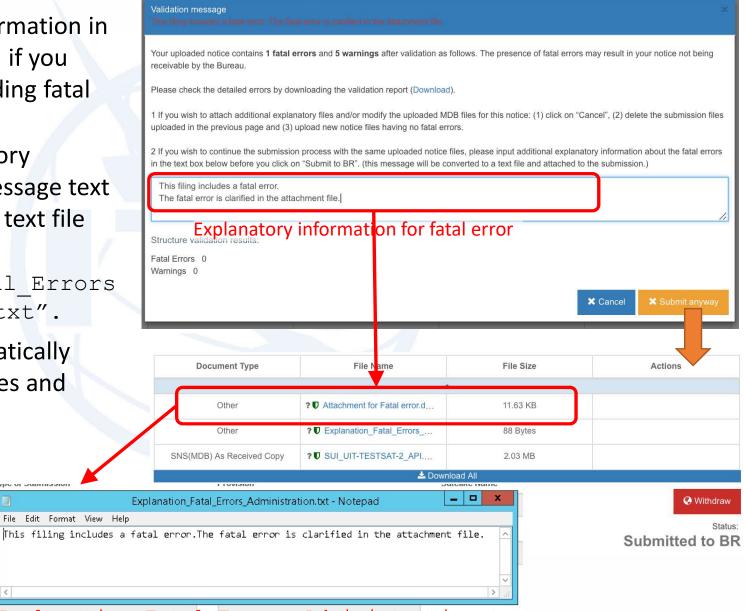
5. If the fatal errors can't be corrected in the mdb file, modify or add attached files (pdf, word, txt, etc.) in order to clarify the fatal errors. In this case, enter explanatory information ③. And click on "Submit to BR" ⑥. (Please see the next slide for how to manage to enter explanatory information ③)

Submit filing with Fatal Error (4)

- 6) Enter explanatory information in the Message text field if you submit the filing including fatal errors.
 - 1. The entered explanatory information in the Message text field is converted to a text file named

"Explanation_Fatal_Errors Administration.txt".

2. This text file is automatically added to the list of files and submitted to BR.



WRS-18 on 3-7 December 2018 Exercise: e-Submissions

3. Common mistake made by users (1)

General Functionalities for SpaceCom Comments submission table

- Sort out the notices by types of Comments
- 2) Sort the notices by IFIC No. by clicking on "IFIC" field
- 3) Tracking the status of submitted notices
- 4) The user types uploaded notices to the system are shown as ADM or ITU.
- 5) Lead to each detailed submission page by clicking on 1 line.

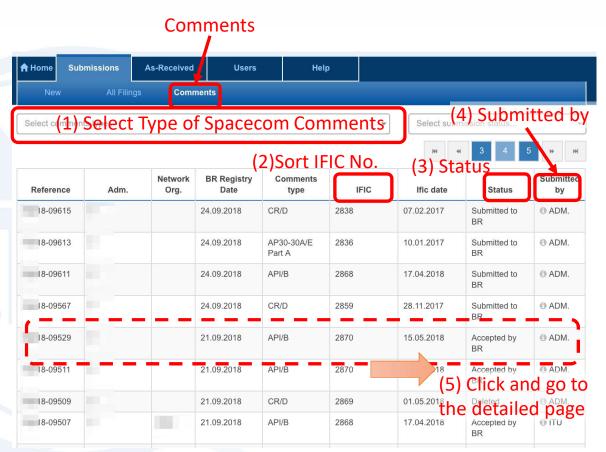


Fig. Submission List (Comments)

3. Common mistake made by users (2)

Notices for SpaceCom Comments



Submit SpaceCom Comments files through "Spacecom Comments" category

 Please don't submit through "Other nonstandard filing"

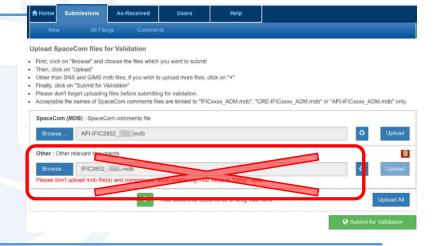






Submit 1 SpaceCom Comments file per submission

 Please don't upload mdb files in "other" fields





Don't attach copies of letters to other administrations in "Other" field

 copies of letters to other administrations should be submitted via email, telefax and mail to the Bureau.



Acceptable file names of SpaceCom comments files are limited to "IFICxxxx_ADM.mdb", "CRE-IFICxxxx_ADM.mdb", "API-IFICxxxx_ADM.mdb", "PLAN-IFICxxxx_ADM.mdb" and "SOF-IFICxxxx_ADM.mdb" only.

3. Common mistake made by users (3)

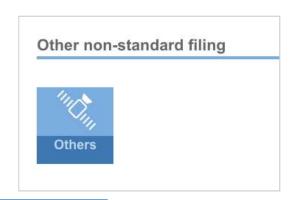
Other important notices (1)





The submission intended to be submitted through "Others" are

- **FPFD** masks
- Filings or SpaceCom comments files which your administration thinks are correct but which are blocked by e-Submission.
- The filing whose volume of attachment files are more than 200 MB.





Don't reply to the clarification from BR through "Others"

The reply to the clarification or completeness of submitted filings should be submitted through emails and telefaxes.



Don't submit multiple filings or SpaceCom Comments files in 1 submission.

Please submit 1 SNS file or SpaceCom comments file per submission.



Click on "Upload All" before "Submit for Validation"



3. Common mistake made by users (4)

Other important notices (2)





All administrations should nominate one or more Administration Manager(s) as soon as possible

- The Bureau will not be in a position to accept future submissions of satellite network filings or SpaceCom comments by email.
- Administrations are invited to communicate to the Bureau, via fax number +41 22 730 5785, the details of the person entrusted with the Administration Manager role, indicating the person's name, title, email address, telephone number and TIES username.



Update email addresses for TIES accounts

- Automatic email acknowledgements are sent to your email address which is associated to your TIES account.
- If your email address associated to your TIES account is invalid, please update it thorough TIES Services.

https://www.itu.int/en/ties-services/Pages/default.aspx

WRS-18 on 3-7 December 2018 Exercise: e-Submissions 23

4. Useful tips (1)





Intergovernmental Satellite Organization user roles

- Intergovernmental Satellite Organization (IGSO) can hold the user account of IGSO Manager and User roles.
- IGSO Managers and Users can upload databases and associated documents, validate and submit them to the notifying Administration(s).
- IGSOs are invited to communicate to the Bureau by fax (+41 22 730 5785) the initial list of one or more person (or entity) assigned for the IGSO Manager role, indicating (1) the person's name, (2) title, (3) email address, (4) telephone number, and (5) TIES user name.



Operator user accounts

- Operating agencies listed in the TABLE 12A/12B of the Preface to the BRIFIC (Space Services) can be given Operators accounts.
- An administration wishing to add a new operating agency can simply submit the request by fax to the Bureau.

4. Useful tips (2)





Cover letters

- A cover letter in PDF format is not obligatory.
- However, it is encouraged to be uploaded along with the filing where your administration needs to point out specific information for the attention of BR.



Useful materials on SSD web page

FAQ (Frequently asked questions), User Guides and other useful materials have been uploaded in user support page (https://www.itu.int/itu-r/go/space-submission).





Helpdesk

Please contact the helpdesk (spacehelp@itu.int) or the hotline (spacehelp@itu.int) or any difficulties using the system.



Thank you!

Please feel free to contact Helpdesk (spacehelp@itu.int or () +41 22 730 6777) if you have questions or any difficulties for this session and using the system!

Feedback /

BR welcomes any suggestions for improvements to the system.

We would appreciate if you provide your feedback for e-Submission through this page.

https://extranet.itu.int/itu-r/iap/snf/SitePages/Home.aspx

(Please log in with your TIES account)

e-Submission of Satellite Network Filings
Questionnaire for users registered on e-Submission of Satellite Network Filings
Thank you for your participation in the sessions of e-Submission system for satellite network filings. We would like to take this opportunity to conduct a survey to gather feedback and proposals on the system and the user experience, so we appreciate if you could take a little of your time to complete this questionnaire (7 or 8 questions). The contents of your feedback are used for only the purpose of BR's consideration for future functionality update of e-submission system, and remain totally anonymous, unless you wish to provide your contact information at the end of the survey.
Please click on "Respond to this Survey" below and start to answer questionnaires.
Respond to this Survey
e-Submission of Satellite Network Filings
Radiocommunication Bureau
International Telecommunication Union
Email: spacehelp@itu.int