

# **JCY-1900/1950 VDR/S-VDR APT Upload Procedure Manual**

## **Requirement data for C.O.C. Analysis through MS-WEB APT Upload**

Japan Radio Co., Ltd.  
Marine Service Department  
Technical Management Group  
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From May 2020, there will be a change in the submission of data requirements for C.O.C. analysis.

Introducing our new function “APT Data Upload”, is now available.

Previously, we required DVD data and copy of APT test report to be sent by mail/courier.

Now, **only for JCY-1800/1850/1900/1950**, we accept data files sent by MS-WEB APT Data Upload.

Follow the APT Upload Manual and extract the required data accordingly, then submit by upload.

\*We also still accept full data according to requirement sent by DVD/USB as usual.

\*Note that the amount of data requirements differ from APT Upload and DVD submission.

\*Data sent by DVD/USB will require the full data according to the APT Procedure.

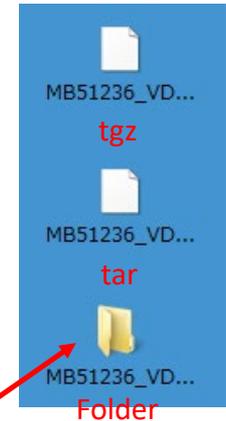
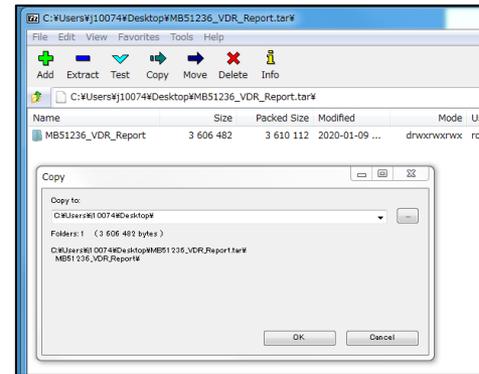
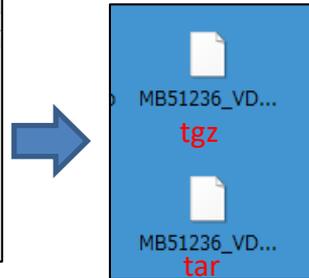
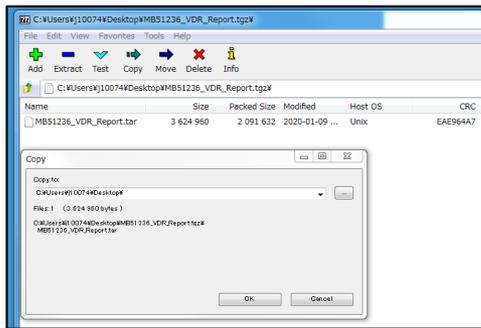
**Service Company which performed the VDR APT survey must keep and archive the data record of all data and report files by DVD/USB in your office until the C.O.C. is issued if data is submitted by APT Upload.**

**We may require data to be re-sent if data sent by APT Upload is insufficient.**

*For older models JCY-1000/1700/1700s will still require for data to be sent in DVD/USB with printed APT test report by mail/courier.*

## for C.O.C. Analysis through MS-WEB APT Upload

1. Create new folder on computer. **Save as folder name : [Ship's name]\_1900APT**
2. Copy the **MB\*\*\*\*\* VDR\_Report.tgz** to desktop, etc.
  - (1) Un-Zip **MB\*\*\*\*\*\_VDR\_Report.tgz** to **MB\*\*\*\*\*\_VDR\_Report.tar**.
  - (2) Un-Zip again **MB\*\*\*\*\*\_VDR\_Report.tar** to **MB\*\*\*\*\*\_VDR\_Report folder**.

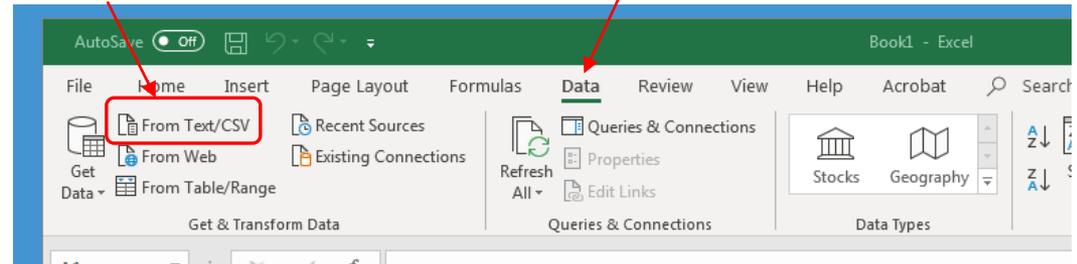


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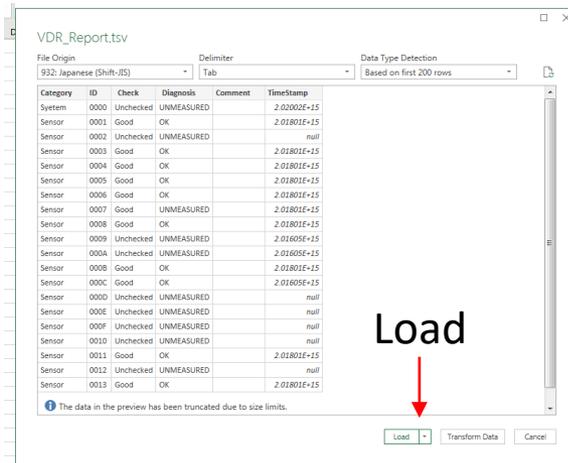


# 2. Get the Report File

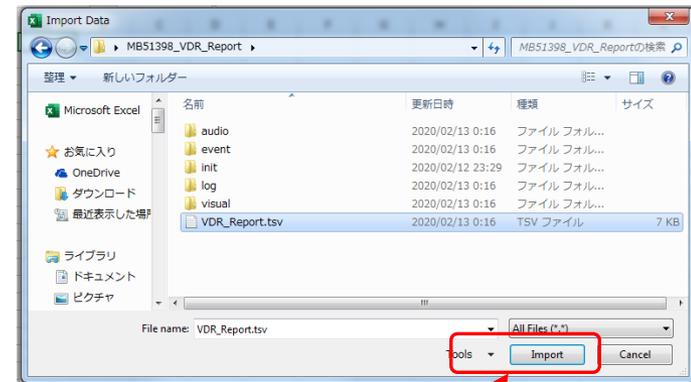
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Inside MB\*\*\*\*\* folder,  
Open the VDR\_Report.tsv by Excel  
1.Data  
2.From Text/CSV



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Change to "All files" and select VDR\_Report.tsv

# 2. Get the Report File

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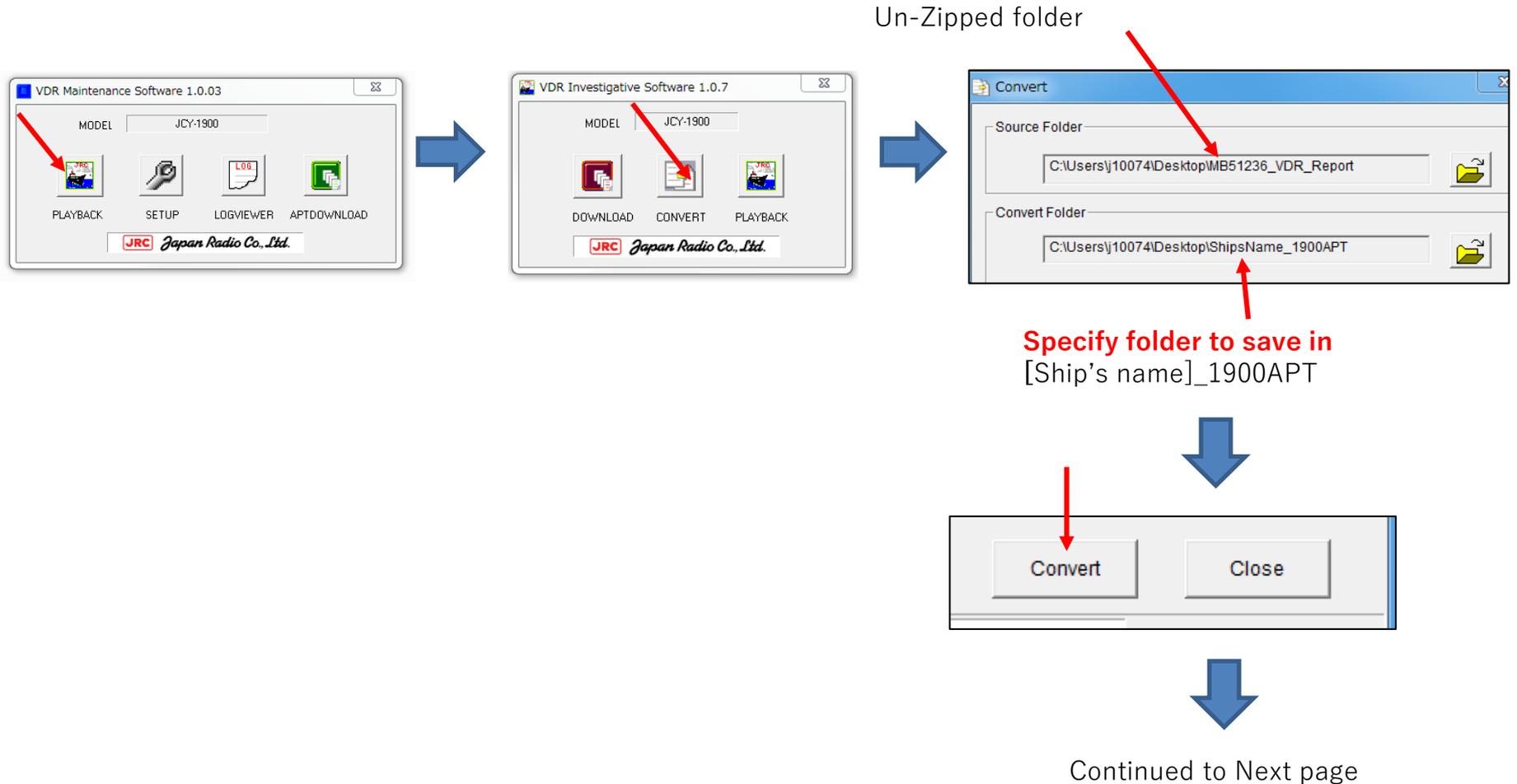
Category	ID	Check	Diagnosis	Comment	TimeStamp
System	0000	Unchecked	UNMEASURED		2.02002E+15
Sensor	0001	Good	OK		2.01801E+15
Sensor	0002	Unchecked	UNMEASURED		
Sensor	0003	Good	OK		2.01801E+15
Sensor	0004	Good	OK		2.01801E+15
Sensor	0005	Good	OK		2.01801E+15
Sensor	0006	Good	OK		2.01801E+15
Sensor	0007	Good	UNMEASURED		2.01801E+15
Sensor	0008	Good	OK		2.01801E+15
Sensor	0009	Unchecked	UNMEASURED		2.01605E+15
Sensor	000A	Unchecked	UNMEASURED		2.01605E+15
Sensor	000B	Good	OK		2.01801E+15
Sensor	000C	Good	OK		2.01605E+15
Sensor	000D	Unchecked	UNMEASURED		
Sensor	000E	Unchecked	UNMEASURED		
Sensor	000F	Unchecked	UNMEASURED		
Sensor	0010	Unchecked	UNMEASURED		
Sensor	0011	Good	OK		2.01801E+15
Sensor	0012	Unchecked	UNMEASURED		
Sensor	0013	Good	OK		2.01801E+15
Sensor	0014	Unchecked	UNMEASURED		
Sensor	0015	Unchecked	UNMEASURED		
Sensor	0016	Unchecked	UNMEASURED		
Sensor	0017	Unchecked	UNMEASURED		
Sensor	0018	Unchecked	UNMEASURED		
Sensor	0101	Unchecked	UNKNOW		
Sensor	0102	Unchecked	UNKNOW		
Sensor	0103	Unchecked	UNKNOW		
Sensor	0104	Unchecked	UNKNOW		
Sensor	0105	Unchecked	UNKNOW		
Sensor	0106	Unchecked	UNKNOW		



Save as "VDR\_Report" with Excel file to create in folder [Ship's name]\_1900APT

# 3. Convert the data

## 3. Convert Un-Zip data.



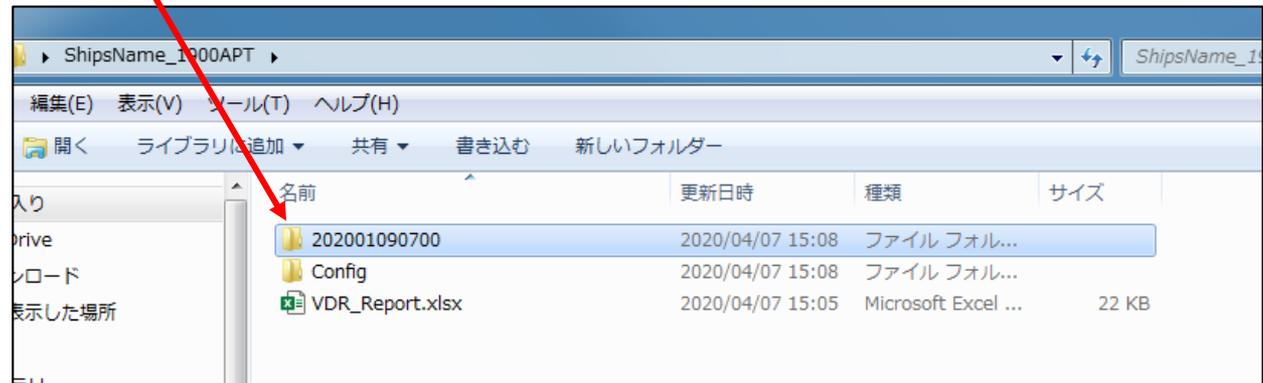
# 3. Convert the data

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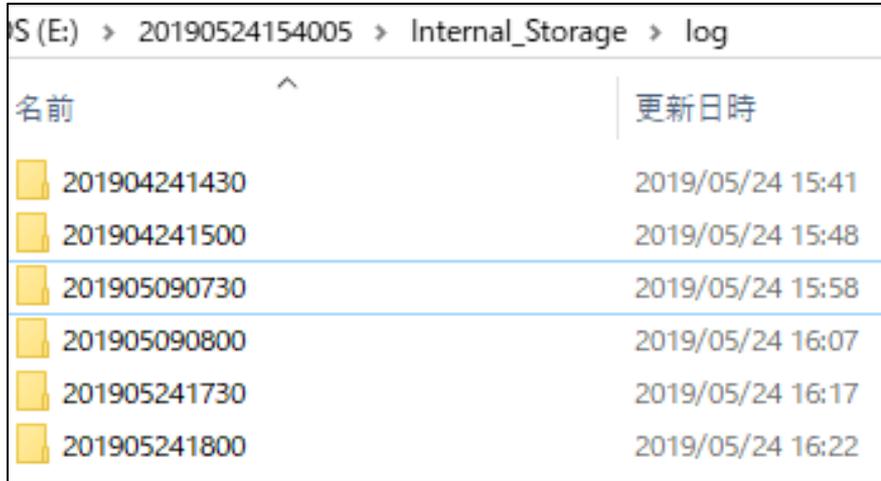
After convert, Created folder

Open the created folder,  
Confirm all connected RADAR  
and ECDIS screen capture saved  
hear and check the image and  
audio quality.



# Data for APT Upload

4. Copy the **Log folder** containing 3 hours of data from downloaded internal folder.



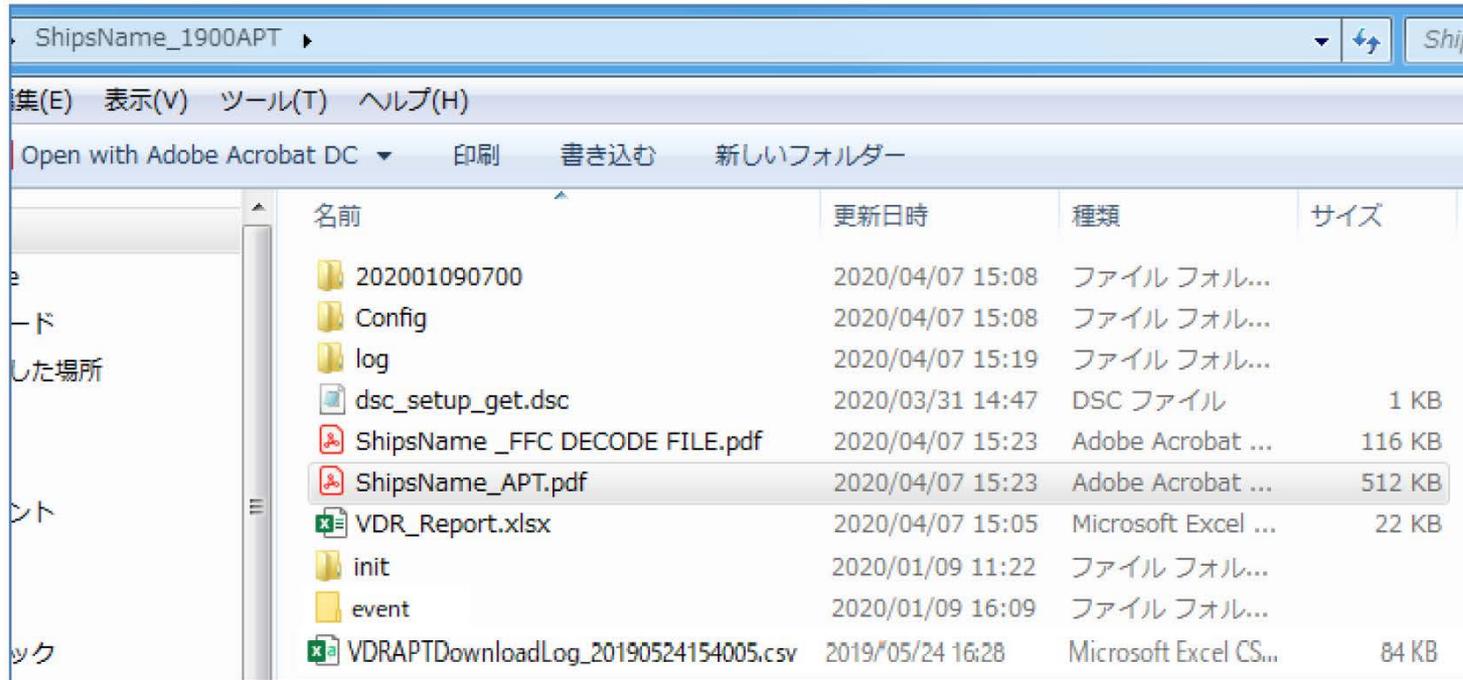
名前	更新日時
201904241430	2019/05/24 15:41
201904241500	2019/05/24 15:48
201905090730	2019/05/24 15:58
201905090800	2019/05/24 16:07
201905241730	2019/05/24 16:17
201905241800	2019/05/24 16:22

One folder is 30 minutes.  
For 3 hours there will be 6 folders.  
From Internal Storage, including Latest,  
15days ago, 30 days ago from the APT date.  
*If there are more than 6 folders, delete the  
excess folders.*

5. Copy the “VDRAPTDownloadLog\_20190524154005.csv” and “DSC\_setup\_get” to created folder.
6. Copy the “init” folder and “event” folder from MB VDR\_Report folder extracted in step 2
7. Copy the “FFC decode data sheet with MSC1040(If fitted)” and “APT report with Sign & Stamps” (Scanned PDF file)

# Check data files for Upload

8. Check all the files and folders are saved inside the created folder [**Ship's name**]**\_1900APT** like below.



# Upload from MS-WEB APT Upload



8. Compress the [Ship's name]\_1900APT folder in zip format and upload from "APT Upload" menu in MS-WEB.



TOP > APT Upload

VDR Type *	JCY-1900
COC Reference number	20050077
Ship's name *	JRC MARU
IMO Number *	9876543
APT Date *	2020/05/18
Your E-mail address *	m.unose@jrc.co.jp
Company name *	JRC Tokyo
Engineer name *	Masahiko Unose
APT File *	<input type="button" value="Upload File"/> [ST PAUL]_1900APT.zip (11,506,856 bytes)

VDR APT Upload Materials

If the C.O.C. reference No. is unknown, leave in blank or enter JRC/Alphatron order number if available.

Click "Upload File" and choose the zipped file, then click "Upload" to send.

When the Upload is complete, automatic reply of upload complete will be sent to the registered email address ("Your E-mail address") in the above.  
Also, when JRC completes the download of the data, automatic reply of download complete notice will be sent to the registered email above.

All 3Hrs data from each storage and report files downloaded accordingly as per APT Procedure Manual must be kept and archived by DVD/USB until the C.O.C. has been issued.

We may require data to be re-sent if data sent by APT Upload is insufficient.

**For C.O.C., we will analyze the Report file and stop the analysis immediately if the diagnosis has not been performed, required files or folders are missing, the diagnosis date is old, or if there is any defect, and may require re-attendance or redo of APT.**

If the equipment is defective, resolve the issue and include photos and service reports to prove it has been rectified. Send the data with evidence after fixed the defective issue.

Notify the Captain accordingly regarding the failure and hold the data until the issue has been dealt with.

Also notify the PIC of original service request regarding the issue.

Enter your comments as indicated when downloading (2) VDR\_Report folder and note the remarks in the “Engineer Comments” field of the APT report.

**Please do not send incomplete data.**

The downloaded data may be prior to repair, but the data (photo, service report, etc.) after confirming it has been rectified must be included in the uploaded data.

### **(Example 1) Anemometer failure and no recordings in the VDR**

>>> Notify the Captain that the Anemometer needs to be repaired.

Explain that the VDR APT, C.O.C. cannot pass until the issue has been rectified.

When the signal is recorded normally, the alarm in the OPU will disappear.

Once confirmed rectified, and the alarm is no longer showing in the OPU, request for photo of the OPU without the alarm with Service report of the repair to be sent by email.

Add the evidence of rectified issue into **[Ship’s name]\_1900APT** and then upload data accordingly for C.O.C. analysis.

### **(Example 2) Cannot turn on Echo Sounder or Speed Log during Dry-Dock, or GYRO in maintenance**

>>> Since sensor signal cannot be verified if there is no record of data while dry-dock, request for photo showing no alarms in the OPU after maintenance or leaving the dock to be sent by email.

Include the photo of normal state of OPU into **[Ship’s name]\_1900APT**, then upload the data accordingly for C.O.C. analysis.

For any questions or for further assistance,  
please contact; [coc-tmsc@jrc.co.jp](mailto:coc-tmsc@jrc.co.jp)

If the APT UPLOAD button is not displayed in the MS-WEB menu, please contact us with your MS-WEB User ID.