

(2021-05-19) RPW FSW Patching Telecon -- TNR-HFR Update

Goals

- Work progress and action review since last [\(2021-03-17\) RPW FSW Patching Telecon](#) for the THR

Date

19 mai 2021 at 10PM (via ZOOM)

Attendees

- [Xavier Bonnin](#)
- [Diane Berard](#)
- [Milan Maksimovic](#)
- [Antonio Vecchio](#)
- Pierre-Luc Astier
- Moustapha Dekkali

Agenda

1. Review of action-items and open issues
2. Planning
3. Next meeting
4. AOB

Discussion items

Item	Notes	Action-Items
------	-------	--------------

1.	<ul style="list-style-type: none"> FSW patching <ul style="list-style-type: none"> Reminder: 4 FSW issues listed (see slide 2 in https://confluence-lesia.obspm.fr/download/attachments/51710301/THR_FS_Upgrade_30112020.pdf?version=1&modificationDate=1606825649360&api=v2) Band C/D spectral coefficient issue (4 in the list) is not a priority and will be not patched on-board for the moment For other issues, priority of patching should be (from the most urgent to the lowest): <ul style="list-style-type: none"> LL 1MHz data issue (2 in the list) Plasma peak issue (3 in the list) Band A Delta_time issue (1 in the list) About band A Delta_time issue (1 in the list) <ul style="list-style-type: none"> Antonio showed at the last FSW telecon preliminary analysis of the test data performed by Diane and Simone at LESIA with EM2 (see https://confluence-lesia.obspm.fr/download/attachments/57312737/FSW_may2021.pdf?version=1&modificationDate=1620121269690&api=v2) Pierre-Luc suggests to re-run these tests but with shortest/longest integration times for TNR Resulting analysis and data will have to be sent to Kamel THR FSW patching test/Validation <ul style="list-style-type: none"> Kamel agrees to come a week at LESIA to support test/validation of the patched FSW According to Claudine, LESIA can pay for travelling and hostelling Support of ROC team may require if new tests are needed on EM2 (only for band A deltatime issue). For other issues, activities can be performed on the THR GSE QAP support <ul style="list-style-type: none"> CNES (Charles Dixon) can provide a ponctual and consulative support, but not an effective one To see if support from ex-Nexeya is required or not THR FSW documentation upgrade <ul style="list-style-type: none"> Modifications in the FSW doc. might be minor Needs of change to be identified (with the support of Charles Dixon) Not done by Kamel From the ROC point of view, the final datapack to be sent to ESA should contain at least the updated version of (N.B. the exact list of doc. may be refined by THR team with the help of Charles Dixon): <ul style="list-style-type: none"> THR FSW specification doc. THR manuel doc. FSW test/validation report 	<ul style="list-style-type: none"> ✓ THR team to think about who will update the documentation related to FSW patching
2.	<ul style="list-style-type: none"> According to Moustapha, it will be not possible for THR team to deliver FSW patch before end of June as expected Xavier thinks that it should be still possible to deliver FSW patch before end of July. It must however be confirmed with Philippe Plasson Moustapha and Pierre-Luc will contact Kamel to see with him if the timing is realistic or not (especially concerning the delivery of the documentation) 	<ul style="list-style-type: none"> ✓ Xavier Bonninto see with Philippe Plasson if end of July is OK to receive FSW patch from THR (before 25 juin 2021) ✓ Moustapha to confirm to Xavier Bonnin if it is possible to deliver THR FSW patch to Philippe before end of july (before 31 mai 2021)
3.	<ul style="list-style-type: none"> Next FSW upgrade meeting planned on June 25 at 10AM (CEST) 	
4.		

Attached items