

(2021-06-25) RPW FSW Patching Telecon

Goals

- Work progress and action review since last [\(2021-05-04\) RPW FSW Patching Telecon](#) and [\(2021-05-19\) RPW FSW Patching Telecon -- TNR-HFR Update](#)

Date

25 juin 2021 at 10PM (via ZOOM)

Attendees

- [Xavier Bonnin](#)
- [Diane Berard](#) (apologized)
- [Milan Maksimovic](#) (apologized)
- [Antonio Vecchio](#)
- Pierre-Luc Astier
- Desi Raulin
- [Philippe Plasson](#)
- Jan Soucek
- [thomas chust](#)
- [Bruno Katra](#)
- Alexis Jeandet
- Moustapha Dekkali
- Charles Dixon

Agenda

1. Review of action-items and open issues (by each team: TDS, LFR, THR, ROC, DAS)
2. Planning
3. Next meeting
4. AOB

Discussion items

Item	Notes	Action-Items
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1.	<ul style="list-style-type: none"> • LFR <ul style="list-style-type: none"> ◦ ASM bug has been solved, but S/W crashes (new computation in S/W seems to be too heavy for CPU load. Work is still in progress) ◦ QAP support: <ul style="list-style-type: none"> ▪ Required support needs to be refined with help of the CNES, as well as budget ▪ May be approx. 5-6 days of NEXEYA support ▪ Joined effort with LESIA is probably not needed, since the degrees of quality support should be not the same (less for LESIA) • TDS <ul style="list-style-type: none"> ◦ A new version of the TDS software will be delivered ◦ TDS should be OK to deliver a FSW image before mid-July 2021 ◦ Upgrades seem to be OK (need verifications) ◦ Not important changes, increases by few bytes the software size ◦ LeeRoy thinks it will be OK to deliver corresponding C-SGSE scripts to ROC by the end of August. • THR <ul style="list-style-type: none"> ◦ FSW upgrades <ul style="list-style-type: none"> ▪ Science algorithm of new THR FSW has been tested by Pierre-Luc ◦ FSW tests <ul style="list-style-type: none"> ▪ C-SGSE scripts RPWDPU-1984_Load_EEPROM1_RpwTh rApp_V3_6_1_0 and RPWDPU-1984_Load_EEPROM2_RpwTh rApp_V3_6_1_0 available on RPW-AIT2 ▪ Scripts to be run by ROC ▪ Kamel will be at LESIA from July 5 to 9 to test and finalize the THR patch. It can be good that both ROC and DAS teams are available if required. ▪ ROC will try to see with Simone Thjis if it is possible to test the execution of the C-SGSE scripts before the Kamel's arrival (TBC) ▪ New TNR tests on EM2 performed by ROC at LESIA. Data sent to Antonio ◦ QAP support <ul style="list-style-type: none"> ▪ Light support needed for LESIA. ▪ THR team will see with CNES about quantifying support from NEXEYA and the impact on the FSW upgrade on documentation. ▪ Planned a discussion about documentation between THR team and Charles Dixon, if possible, during the week when Kamel is at Meudon. ◦ Documentation: <ul style="list-style-type: none"> ▪ Kamel might write the documentation ▪ What about THR test plan ? See with ESA (if all tests in plan are not run, it shall be justified) ◦ If everything is OK, new THR FSW image might be delivered before mid-July • ROC <ul style="list-style-type: none"> ◦ Will support THR team for the tests run when Kamel will be here ◦ Still need to write formal plan in preparation to in-flight patching operation ◦ MOC/SOC will have to be informed if current planning is changed ◦ Main activities are still planned on Sept/October (retrieve C-SGSE scripts, test on EM2 and convert into MDOR/PDOR) 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> THR team to think about who will update the documentation related to FSW patching <input type="checkbox"/> ROC (Xavier/Diane) to write a "RPW FSW patching report" detailing the tests results - To be joined with teams' documents to the datapack delivered to ESA <input checked="" type="checkbox"/> Xavier to see if joint effort is possible about QAP support for LPP and LESIA <input checked="" type="checkbox"/> LeeRoy: To check availability during July 5 to 9 (in case of C-SGSE script re-delivery) <input checked="" type="checkbox"/> ROC to run with the help of Simone the THR C-SGSE scripts on EM2
2.	<ul style="list-style-type: none"> • TDS/THR FSW images delivered on mid-July 2021 to DAS team • DAS team to deliver to ROC C-SGSE scripts (deadline mid-september 2021) 	<ul style="list-style-type: none"> <input type="checkbox"/> LFR team to refine the date of delivery for its patch in 2022 - End of 2021
3.	<ul style="list-style-type: none"> • Next meeting planned on September 14 at 10AM (CEST) 	
4.		

Attached items

