

STP-183 to STP-197 Schedule

Ends 10/11 April 2022 midnight

All dates in UTC. Deadlines are 12:00 UTC unless specified.

Overview of all MIB versions and applicability: [MIB and FOP](#)

[MIB planning theory](#)

LTP6 Block	STP cycle	IOR delivery opens	IOR deadline	STP POR deadline (on SOC)	Estimated /Planned uplink by MOC (MIBs	Start of STP cycle onboard	Comments	SOC ESA responsible	Main operator
1	183	01 Dec 2021	10 Dec 2021	15 Dec 2021		MIB from 18/19 Nov	27 Dec 2021	MAINT (SA_REL) Synoptics Operating: All Instruments except PHI. SPICE cal, flat and dark. STIX analysis.	Anik De Groof	usual SCO support Javier Arenas
1	184	01 Dec 2021	13 Dec 2021	17 Dec 2021	31 Dec 2021	MIB from 18/19 Nov	03 Jan 2022	Synoptics Operating: All Instruments except PHI (flush only) SPICE cal, flat. Testing in parallel to WOL on first day STIX analysis METIS HSD CLOSING ⚠️ Note: all instruments should switch off before 9-Jan pass for SSMM resizing, except: <ul style="list-style-type: none"> EUI, SWA, MAG can stay SAFE SPICE can stay STANDBY with the particle-deflector system enabled until the HSD closes (in next STP) 	David Williams	usual SCO support Fernando Martin Porqueras
1	185	01 Dec 2021	16 Dec 2021	20 Dec 2021 1200utc => feedback on PORs from MOC 21 Dec 2021 EOB	07 Jan 2022 (Fri) or weekend?	MIB from 18/19 Nov	10 Jan 2022	⚠️ NEAR_SUN conditions start 15/1/22 EUI (FSI), SPICE, PHI (HRT/FDT), HSD CLOSE ⚠️ MAINT/ENG (instruments off, except EUI, MAG and SWA in safe) EUI(FSI), SPICE, METIS PHI (HRT/FDT), HSD OPEN Synoptics Operating: All Instruments except PHI. SPICE cal, flat and dark. STIX analysis.	Jayne Lefort	usual SCO support until 23 Dec. DM required, STP issues reviewed as part of DM+ Fernando Martin Porqueras

1	186	01 Dec 2021	06 Jan 2022	11 Jan 2022	13 Jan 2022 or 14 Jan 2022 , in case of new MIB for 189, earlier date preferred.	MIB from 18/19 Nov	17 Jan 2022	TCM type 2 MAINT (any) in NEAR SUN conditions All instruments operating (RS synoptics) PHI helioseismology campaign (= PHI_RAW_FDT_6) spice cal, flat, dark.	David Williams and Jayne Lefort after Dave is on leave	on call support 23 dec -6 jan. from 7 Jan (inc) usual SCO support Javier Arenas
1	187	01 Dec 2021	12 Jan 2022	18 Jan 2022	21 Jan 2022	TBC Target MIB for 187 and block 2 (after 14 Jan), ideally possible to apply at SOC from STP 188.	24 Jan 2022	SA_ROT All instruments operating (RS synoptics) PHI processing of helioseismology campaign data spice cal, flat, dark.	Anik De Groof	from 7 jan usual sco support Diego Fraga Agudo / Mar Sierra
2	188	13 Jan 2022 / 14 Jan 2022	19 Jan 2022	25 Jan 2022	28 Jan 2022		31 Jan 2022	EUI HRI HSD opening at end STP All instruments operating (RS synoptics) ⚠ Metis test after switch-over to new FSW spice cal, flat, dark. PHI raw synoptics run.	Jayne Lefort	Fernando Martin Porqueras
2	189		26 Jan 2022	01 Feb 2022	04 Feb 2022		07 Feb 2022	SA ROT All instruments operating (RS synoptics) Jitter test during WOL, incl SPICE, PHI and EUI ⚠ EUI runs validation campaign for 6-8 March campaigns SPICE HSD CLOSING ahead of LUT upload in next STP	Jayne Lefort	Javier Arenas
2	190		02 Feb 2022	08 Feb 2022	11 Feb 2022	TBC Target MIB update for 190 and block 3 (ideally to apply at SOC 191 if possible)	14 Feb 2022	TCM type 2 MAINT (any) in NEAR SUN conditions SA Rotation all instruments on (RS synoptics) SPICE HSD opening after LUT update SPICE CE heater set to op limits (i.e., goes cold) spice cal, flat, dark.	Jayne Lefort	Diego Fraga Agudo Mar Sierra
3	191	3/4 February	09 Feb 2022	15 Feb 2022	18 Feb 2022		21 Feb 2022	All payload on and operating in RS synoptics or IS science modes. 2 limb-pointing campaigns to East and later West limb for coordinated science with PSP RSW_EXT: SPICE/PHI/MET/EUI can plan for (receive window in STP-IOR) and send VSTP-IORs if needed	Andrew Walsh	Fernando Martin Porqueras

3	192	3/4 February	16 Feb 2022	23 Feb 2022 (wed)	28 Feb 2022 (mon) or weekend?		<p>01 Mar 2022 06:00</p> <p>⚠ Long STP (~12d)</p> <p>RSW_EXT and start RSW1: VSTP IORs can be planned for and sent, during RSWs only</p> <p>All Payload in science (and calibration) modes</p> <p>Coordinated science activities (SOOPs):</p> <ul style="list-style-type: none"> • Connection mosaic incl offpointing to 3 positions (pVSTP) • Slow wind Connection incl target tracking (pVSTP) • Polar observations incl pole pointing (pVSTP) • Nanoflare observations at active target (pVSTP) • Full disk mosaic at 25 pointing positions (pVSTP) • Coronal He abundance in coord with sounding rocket (sun centre) • Nanoflare observations at sun centre • Bright points SOOP at sun centre <p>⚠ Metis HSD closure and instrument safing during off-pointing within 0.52 AU</p> <p>Calibration activities:</p> <ul style="list-style-type: none"> • EUI/PHI flatfield (3/3 /22) incl 8 offpointing positions • EUI/SPICE cross calibration (7/3/22) • PHI FDT and HRT & SPICE calibrations <p>Synoptics at end RSW.</p> <p>(note inferior conjunction does not impose operational constraints)</p> <p>⚠ SPICED Heater switching off, HIS needs to be switched OFF for this. 13th March during WOL</p>	David Williams	Javier Arenas
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3	193	3/4 February	01 Mar 2022 (tue)	07 Mar 2022 (mon)	10 Mar 2022 (thur)	TBC Target MIB for 193, and block 4 ideally to apply at SOC 194 if possible	12 Mar 2022 ⚠ Short STP (<5d)	<p>MAINT ANY + TCM Type-2 (in near-sun conditions)</p> <p>SA rotation</p> <p>⚠ SWA_TCS_NEAR</p> <p>RSW_EXT: SPICE/PHI /MET/EUI can plan for (reserve window in STP-IOR) and send VSTP IORs if needed</p> <p>SPICE HSD operations for LUT update Metis HSD closure for incompatible SC pointing during flatfield and start RSW2 + dark calibration</p> <p>Calibration activities between RSW1 & 2:</p> <ul style="list-style-type: none"> • CALIB_ROLL_RS incl 8 roll angles • CALIB_OFFPOI_ST RAYLIGHT incl 22 offpointing positions • EUI/PHI flatfield incl 8 offpointing positions • Metis dark calibration 	Anik De Groof	Diego Fraga Agudo Mar Sierra
4	194	28 Feb (latest)	03 Mar 2022 (thur)	09 Mar 2022 (wed)	14 Mar 2022 (mon)		16 Mar 2022 16:30	<p>RSW_EXT and Start RSW2+3: VSTP IORs can be planned for and sent, during RSWs</p> <p>Frequent WOLs.</p> <p>All payload On and operating except Metis ⚠</p> <p>Coordinated science activities (SOOPs):</p> <ul style="list-style-type: none"> • Nanoflare observations at Quiet and Active target (pVSTP) • Slow wind Connection incl target tracking (pVSTP) 	Jayne Lefort	Fernando Martin Porqueras
4	195	28 Feb (latest)	09 Mar 2022	15 Mar 2022	18 Mar 2022 (fri) or weekend?		22 Mar 2022	<p>RSW2+3: VSTP IORs can be planned for and sent, during whole STP.</p> <p>⚠ Frequent WOLs, interrupting science operations for several instruments.</p> <p>All payload On and operating.</p> <p>Metis HSD opening for coordinated science campaigns (SOOPs), <u>at disk centre</u>:</p> <ul style="list-style-type: none"> • 4 instances of Coronal Dynamics SOOP • Eruption Watch SOOP • Coronal Hole boundary expansion SOOP 	Jayne Lefort	Javier Arenas

4	196	28 Feb (latest)	16 Mar 2022	22 Mar 2022	25 Mar 2022 (fri) or weekend?		29 Mar 2022	<p>RSW2+3: VSTP IORs can be planned for and sent, during whole STP.</p> <p>Frequent WOLs.</p> <p>All payload On and operating.</p> <p>⚠ Metis HSD closure and instrument safing during most of the STP.</p> <p>Coordinated science activities (SOOPs):</p> <ul style="list-style-type: none"> • Eruption Watch, incl Metis, at disk centre • Nanoflare observations at Active target (pVSTP) • Polar Observations incl pole pointing (pVSTP) • Connection Mosaic incl 6 offpointing positions (pVSTP) • ~4 days long AR tracking (pVSTP) • Polar Observations incl pole pointing & disk centre pointing for Metis context (pVSTP) 	Jayne Lefort	Diego Fraga Agudo
44	197	28 Feb (latest)	24 Mar 2022 (thur)	30 Mar 2022 (wed)	04 Apr 2022 (mon)	Target MIB for next block? if needed available 25 Mar 2022 ideally applicable MOC STP 197 and STP SOC 198	06 Apr 2022	<p>⚠ SWA_TCS_FAR</p> <p>EUI/HRI HS door closure after end RSW3.</p> <p>All payload On and operating.</p> <p>PHI/EUI flatfield calibration, incl 8 offpointing positions</p> <p>Synoptics.</p> <p>SWA must be off at end of STP in preparation for the WOL at start of next LTP</p> <p>The SPICE heater should be powered on during the WOL of 10-Apr-22 12:05–15:05, with the SOU heater being switched back on at 12:35 His off</p>	Jayne Lefort	Mar Sierra