

MIB and FOP

MIB

New updates of the MIB are sent regularly from MOC to SOC via GFTS and automatically distributed to all instrument teams, also via GFTS.

CURRENT and UPCOMING MIBs

STATUS	MIB name	Release notes	Corresponding FOP	Applicability
CURRENT	MIB__20211008M28121PFMS001_SOL.zip	28121PFM_CS SW3.12_MAS7.33.pdf		New RPW burst mode sequences (for STP 171 targeted MIB) PHI 2 new sequences + 1 sequence update (for use in STP172)
CURRENT	MIB__20211028M30121PFMS001_SOL.zip	30121PFM_CS SW3.1.2_MAS7.33.pdf		RPW sequence updates and EUI FSW related changes For RPW -needed for STP179, EUI -no effect on SOC can be used by all instruments from STP176
CURRENT	MIB__20211118M32221PFMS001_SOL.zip	32221PFM_CS SW3.1.2_MAS7.33.pdf		METIS & RPW updates for STP 180. Required for those instruments. Can be used by all others.
UPCOMING				New MIBs are expected in from STP181 however the SOC will not update until STP187. STPs 183-187 will be opened on MIB__20211118M32221PFMS001_SOL (applicable from STP 180). All instruments can therefore use MIB__20211118M32221PFMS001_SOL (STP 180 MIB) for 183-187 for IORs . Any IORs sent using a later MIB, need to also be compatible with MIB__20211118M32221PFMS001_SOL (STP 180 MIB). This is case for SPICE. From STP 187 in January, instruments will be able to use the new MIB for IORs if needed.

MIB applicability

Once a planning block is open, you can continue to use the MIB with which the block was opened for the whole block, as long as there are **no new MIB updates** during that block **affecting your instrument**. However you must **update to the new MIB for the next block**.

As such there may be more than 1 applicable MIB per block/STP.

All Previously applicable MIB versions

MIB name	Release notes	Corresponding FOP	Applicability
MIB__20190411M10119PFMS001_SOL	10119PFM_CS W3.0_MAS6.11.pdf MAS 6.11 (release notes) Scope: CSW v3.0-PFM		E2E-1 (and E2E-D1), May-June 2019
MIB__20200124M02420PFMS001_SOL.zip	35419PFM_CS W3.0.31 p1_MAS6.51.pdf MAS 6.51 (release notes) Scope: CSW 3.0.3p1	FOP 3.0	<i>not yet defined</i>

MIB_20200131 M03120PFMS00 1_SOL.zip	03120PFM_CS W3.0.31 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	FOP 3.0	<i>launch version, applicability not yet defined</i>
MIB_20200221 M05220PFMS00 1_SOL.zip	05220PFM_CS W3.0.31 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>(includes PHI FSW update at start NECP)</i>
MIB_20200228 M05920PFMS00 1_SOL.zip	05920PFM_CS W3.0.31 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>(includes updates for RPW, STIX, EUI)</i>
MIB_20200320 M08020PFMS00 1_SOL.zip	08020PFM_CS W3.0.31 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>(includes updates in RPW sequences and EPD, SoloHI, MAG, RPW, STIX commands)</i>
MIB_20200401 M09220PFMS00 1_SOL.zip	09220PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>Not implemented in SOC due to internal inconsistencies in MIB</i>
MIB_20200408 M09920PFMS00 1_SOL.zip	09920PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>(includes removal of several deprecated instrument sequences and implementation of PHI database v4.4)</i>
MIB_20200416 M10720PFMS00 1_SOL.zip	10720PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		<i>NECP version, applicability not formally defined</i> <i>(includes mainly updates for Metis)</i>
MIB_20200505 M12620PFMS00 1_SOL.zip	12620PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		Temporary version for Cruise STPs 100-101 (IORs can be sent based on this version, or the next one)
MIB_20200513 M13420PFMS00 1_SOL.zip	13320PFM_CS W3.0.3 p1_MAS651. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		Cruise STPs 100-101 (LTP1) and Cruise STPs 102-103 (LTP2) <i>only still an update required for STIX</i>
MIB_20200515 M13620PFMS00 1_SOL.zip	13620PFM_CS W3.0.3 p1_MAS651. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1		Cruise STPs 100-101 (LTP1) and Cruise STPs 102-103 (LTP2)

MIB__20200528 M14920PFMS00 1_SOL.zip	14920PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB update for PHI STP-100 (other payload can stick to previous version above)
MIB__20200603 M15520PFMS00 1_SOL.zip	15520PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB update for SWA and Metis (other payload can stick to 15 May version above)
MIB__20200618 M17020PFMS00 1_SOL.zip	17020PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB update for RPW beginning in STP-102 (other payload can stick to 15 May version above).
MIB__20200624 M17620PFMS00 1_SOL.zip	17620PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB Update for SWA-PAS with applicability for STP-103. Note errors in AIWF050L & AIWF050M. Also update of MAG IDB to 5.4 (compatibility implications for AIMF413). Baseline MIB from STP-104 onwards
MIB__20200710 M19220PFMS00 1_SOL.zip	19220PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB Update with sequence updates SWA and RPW (also new SPICE CRPs). Applicable for SWA and RPW from STP-105 onwards
MIB__20200715 M19720PFMS00 1_SOL.zip	19720PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB Update with sequence updates for EUI. Applicable for EUI from STP-107 onwards
MIB__20200723 M20520PFMS00 1_SOL.zip	20520PFM_CS W3.0.3 p1_MAS6.51. pdf MAS 6.51 (rele ase notes) Scope: CSW 3.0.3p1	MIB Update with sequence updates for SWA. Applicable for SWA from STP-107 onwards
MIB__20200831 M24420PFMS00 1_SOL.zip	24420PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1	New MIB for CSW update to CSW 3.1.1. Applicable for all payload from STP-113 onwards. <i>Note that it does not include any payload updates so it should not affect IORs. If you do not receive the MIB in time for your STP-113 IOR delivery, it is acceptable to only implement it from STP-114 onwards).</i>
MIB__20200908 M25220PFMS00 1_SOL.zip	25220PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1	Final MIB for CSW3.1.1 with STIX sequence changes. Applicable for all payload from STP-115 onwards.

MIB__20200924 M26820PFMS00 1_SOL.zip	26820PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1		MIB for STP-116 with updates to SWA Sequences. Applicable to STP-116 onwards for SWA and STP-117 onwards for all other instruments.
MIB__20201005 M27920PFMS00 1_SOL.zip	27920PFM_CS W3.1.1_MAS7. 7.21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1		MIB for STP-118 with updates to PHI, EUI, STIX and SWA sequences. Applicable from STP-118 onwards for those 4 instruments and STP-119 onwards for all other instruments.
MIB__20201029 M30320PFMS00 1_SOL.zip	30320PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1		MIB for STP-122 with updates to Metis, PHI, STIX and RPW sequences. Applicable from STP-122 onwards for those 4 instruments and STP-123 onwards for all other instruments.
MIB__20201113 M31820PFMS00 1_SOL.zip	31820PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1		MIB for STP-124 with updates to SOC-plannability of STIX sequences and timing of EUI memory-swap sequences. Applicable for all payload from STP-124 onwards.
MIB__20201202 M33720PFMS00 1_SOL.zip	33720PFM_CS W3.1.1_MAS7. 21.pdf MAS 7.21 (rele ase notes) Scope: CSW 3. 1.1		MIB for STPs 127 to STP-131 (at least). Includes few sequence updates for EPD. Applicable for all payload from STP-127 onwards.
MIB__20210118 M01821PFMS00 1_SOL.zip	01821PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		MIB update affecting EUI sequences, associated with EUI SW update onboard. Applicable from STP-133 onwards for EUI. Unaffected instruments can use previous MIB for STP132-136.
MIB__20210204 M03521PFMS00 1_SOL.zip	03521PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		MIB update affecting PHI sequences, associated with PHI SW update onboard + new EPD sequence made SOC-plannable. Applicable from STP-136 onwards for PHI and EPD. Applicable to all payload from STP-137 onwards.
MIB__20210223 M05421PFMS00 1_SOL.zip	05421PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		MIB update affecting MAG and RPW sequences, needed from STP-138 onwards. Note MAG update actually came in 04221PFM_CSW3.1.2_MAS7.33.pdf
MIB__20210302 M06121PFMS00 1_SOL.zip	06121PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		<i>MIB update affecting PHI sequences only, to be used by PHI team for STP140 and onwards</i>

MIB__20210319 M07821PFMS00 1_SOL.zip	07821PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		MIB containing new RPW and SWA sequences. SWA sequences not yet in place in SOC model. Applicable from STP-143.
MIB__20210330 M08921PFMS00 1_SOL	08921PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		Containing sequence updates for EPD, SWA, EUI, MAG, & Metis. MAG and Metis changes are simply connection test sequences. SoloHI changes listed in the notes are only version number increments relating to documentation updates at ESOC. No sequence content has changed. Applicable to all payload from STP-144.
MIB__20210512 M13221PFMS00 1_SOL.zip	13221PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		STPs 150-153 Make IU-FCP-370 SOC Plannable TAC ROUTING RPW: new formal param values in AIWF037
MIB__20210519 M13921PFMS00 1_SOL.zip	13921PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		For STP150+ for RPW. AIWF038M (with new formal parameters) (and ADMS524B and ADMF548A)
MIB__20210627 M17821PFMS00 1_SOL.zip	17821PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		For STP-155 and later. Changes to STIX covering its FSW update, as well as updated parameters for SWA and minor change for EUI. No change for the rest of the payload.
MIB__20210708 M18921PFMS00 1_SOL.zip	18921PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		Required for SWA for STP-157 onwards (new sequence AIAF061B). Other instruments should use for STPs 158- to 61 if possible.
MIB__20210806 M21821PFMS00 1_SOL.zip	21821PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		STIX/SPICE/PHI /SOLOHI/SWA update for STP 162 , delivered 6th August. Note that this is the MIB used for the start of Block 3 in STP-158 to 167 Schedule , so all payload instruments should use this for STPs 162 and 163 if at all possible.
MIB__20210915 M25821PFMS00 1_SOL.zip	25821PFM_CS W3.1.2_MAS7. 33.pdf		MIB updates for METIS command reduction OBCPs. Applicable from 167 version 2
MIB__20210920 M26321PFMS00 1_SOL.zip	26321PFM_CS W3.1.2_MAS7. 33.pdf		EPD tidy up for September (for use 169) New RPW sequences (for use 169+)
MIB__20211008 M28121PFMS00 1_SOL.zip	28121PFM_CS W3.1.2_MAS7. 33.pdf MAS 7.33 (rele ase notes) Scope: CSW 3.1.2		New RPW burst mode sequences (for STP 171 targeted MIB) PHI 2 new sequences + 1 sequence update (for use in STP172) Applicable for all payload from STP172 onwards

FOP

Most recent FOP is Solar Orbiter FOP Issue 4.0, as distributed by MOC.