

SOC Public Documents



This page has been re-organized.

Each document has been moved to its own page where the document versions and the associated data are kept.

Explanatory notes may be found within the document page if deemed necessary.

Below is a list of the SOC-produced documents released to the Instrument Teams. The document versions and associated data are linked from the document page.

Plans

Title	identifier	short	latest release	latest release date	status	owner
SOC Operations Concept Document	SOL-SGS-PL-0001	SOCD	3.0	2017-08-10	RELEASED	Christopher James Watson
SOC Archive Plan	SOL-SGS-PL-0009	SOAR PL	2.5	2017-11-07	RELEASED	Pedro Osuna

ICDs

Title	identifier	short	latest release	latest release date	status	owner
Instrument Operation Request ICD	SOL-SGS-ICD-0003	IORICD	1.1.3	2021-06-28	RELEASED	Christopher James Watson
Solar Orbiter Interface Control Document for Low Latency Data CDF Files	SOL-SGS-ICD-0004	LLCD FICD	1.4	2017-11-07	DRAFT	Andrew Walsh
Solar Orbiter Interface Control Document for Low Latency Data FITS Files	SOL-SGS-ICD-0005	LLFIT SICD	1.5 Draft	2017-10-20	RELEASED	Anik De Groof, David Williams
Solar Orbiter Enhanced Flight Events Communications Skeleton (EF ECS) ICD	SOL-SGS-ICD-0006	EF EC SICD	3.0	2021-10-05	RELEASED	Christopher James Watson
Telemetry Corridor (TMC) ICD	SOL-SGS-ICD-0007	TMCI CD	1.1.1	2020-05-08	RELEASE	Christopher James Watson
File Transfer ICD (GFTS)	SOL-SGS-ICD-0009	GFTS ICD	1.2	2020-04-23	RELEASED	Christopher James Watson
Solar Orbiter Boresight Update ICD	SOL-SGS-ICD-0010	BSUP ICD	0.4	2018-09-14	RELEASED	Christopher James Watson
Observation Timeline Export ICD (JSON timelines)	SOL-SGS-ICD-0012	JSON ICD	0.2	2019-10-04	RELEASED	Christopher James Watson
Solar Orbiter Selective Request ICD	SOL-SGS-ICD-0013	SRQL ICD	0.1	2021-01-19	DRAFT	Christopher James Watson

Templates

Title	identifier	short	latest release	latest release date	status	owner
CDF Template for: Solar Orbiter [INST] Low Latency Data Product Description Document	SOL-SGS-OTH-0002	LLDPDD_CDFtemplate	1.1	2016-10-04	RELEASED	Andrew Walsh
FITS Template for: Solar Orbiter [INST] Low Latency Data Product Description Document	SOL-SGS-OTH-0003	LLDPDD_FITStemplate	1.2	2017-01-18	RELEASED	Anik De Groof
Solar Orbiter Data Product Description Document Template	SOL-SGS-OTH-0004	DPDDT	1.0	2016-03-11	RELEASED	Pedro Osuna

Technical notes

Title	identifier	short	latest release	latest release date	status	owner
Solar Orbiter Low-Latency Data - Concept and Implementation	SOL-SGS-TN-0003	LLdata	1.2	2017-09-19	RELEASED	Anik De Groof
SOC Engineering Guidelines For External Users	SOL-SGS-TN-0006	SEGU	1.2	2017-09-19	RELEASED	Richard Carr
Inter Instrument Communications (S20)	SOL-SGS-TN-0007	S20	2.0	2016-10-07	RELEASED	Luis Sanchez
Metadata Definition for Solar Orbiter Science Data	SOL-SGS-TN-0009	SOMD	2.4	2019-09-02	RELEASED	Anik De Groof
In Flight Validation of In-situ Inter-Instrument Communication and Burst Mode Triggers	SOL-SGS-TN-0013	IICVal	0.1		DRAFT	Andrew Walsh
The Effect of Solar Orbiter Spacecraft Attitude on EPD and SWA Science Return	SOL-SGS-TN-0015	ATTImp	1.0	2016-09-02	RELEASED	Andrew Walsh
SOC-Provided Ancillary Data For Solar Orbiter	SOL-SGS-TN-0017	ANCDData	0.4	2019-12-04	DRAFT	Andrew Walsh
Solar Orbiter Roll Scheduling Strategy TN	SOL-SGS-TN-0018	Roll	1.0	2021-11-18	ISSUED	Christopher James Watson
Solar Orbiter EUI / PHI flatfield TN	SOL-SGS-TN-0019	Flatfield	0.4	2019-11-08	DRAFT	Christopher James Watson
Solar Orbiter Feature Triplet Definition	SOL-SGS-TN-0020	Triplet	1.0	2018-06-04	RELEASED	Christopher James Watson

Solar Orbiter Limb-pointing Alignment Calibration Pattern	SOL-SGS-TN-0035	Limb Pointing Alignment	0.2	2019-09-17	DRAFT	Christopher James Watson
Solar Orbiter Cross-like Straylight Calibration Pattern	SOL-SGS-TN-0036	Cross-like Straylight Cal	0.3	2020-04-20	DRAFT	Christopher James Watson
Solar Orbiter Star Calibration	SOL-SGS-TN-0037	star	0.4	2020-07-31	DRAFT	Christopher James Watson
Remote-Sensing Inter-Instrument Communication: In-Flight Test Campaign	SOL-SGS-TN-0039	RSIIC	1.3	24 Apr 2020	RELEASED	Anik De Groof
RPW Interference ("EMC") Campaign During NECP (IW-6)	SOL-SGS-TN-0040	NECP EMC	1.4	24 Apr 2020	RELEASED	Andrew Walsh
NECP Alignment Campaign	SOL-SGS-TN-0041	NECPAlign	1.2	04 May 2020	RELEASE	Christopher James Watson
Solar Orbiter SPICE Out-Of-Field Calibration	SOL-SGS-TN-0046	oof	0.2	2020-12-02	DRAFT	Christopher James Watson
MIB sequences whitelisted for VSTP	SOL-SGS-TN-0049	VSTPwhitelist	0.2	2021-07-29	DRAFT	Anik De Groof

Compliance statements

Title	identifier	short	latest release	latest release date	status	owner
SOC-MOC vs. EID-B Compliance Matrices	SOL-SGS-SC-0001	EIDBCompliance	2.1	2019-10-04	RELEASED	Luis Sanchez

External Interfaces Test Specifications

See pages filed under [External Interfaces Test Specifications](#)

SOC System Test Specifications

See pages filed under [SOC System Test Documentation](#)