

Document Title	Level	Instrument	Area	Topic	Sub-System	Availability	Document Reference Link	URL Link	Date/Version	DOI/URL	#	Authors	Notes
HFI Handbook	1	HFI	Overview	System			HFI Handbook	http://www.cosmos.esa.int/documents/12133/996743/HFI-Handbook-1.0.pdf	18/12/2011, v1.1	https://doi.org/10.1051/0004-6361/201219513	HFI-1	David Teyssier et al.	
HFI Beam Release	1	HFI	Calibration	PSF			HFI Beam Release	http://www.cosmos.esa.int/documents/12133/996743/HFI-Beam-Release-1.0.pdf	01/20/2014, v1.1	https://doi.org/10.1051/0004-6361/201425913	HFI-10	M. Mueller, W. Jellma, Michael Obberg, R. Moreno, David Teyssier	
In-flight calibration overview	1	HFI	Calibration	Performance		In operation	In-flight calibration overview	http://www.cosmos.esa.int/documents/12133/996743/HFI-In-flight-calibration-overview-1.0.pdf		https://doi.org/10.1051/0004-6361/201425913	HFI-11	David Teyssier	
Derivation of sidelobe gains for Herschel/HFI	1	HFI	Calibration	Performance			Derivation of sidelobe gains for Herschel/HFI	http://www.cosmos.esa.int/documents/12133/996743/HFI-Derivation-of-sidelobe-gains-for-Herschel-HFI-1.0.pdf	2007	https://doi.org/10.1051/0004-6361/200711855	HFI-12	D. Kester, R. Higgins, D. Teyssier	
HFI pipeline for Astronomers	1	HFI	Data processing	Software			HFI pipeline for Astronomers	http://www.cosmos.esa.int/documents/12133/996743/HFI-pipeline-for-astronomers-1.0.pdf	2017	https://doi.org/10.1051/0004-6361/201731855	HFI-13	Shigman, R. et al.	
HFI Data Reduction Guide	1	HFI	Data processing	Data Analysis			HFI Data Reduction Guide	http://www.cosmos.esa.int/documents/12133/996743/HFI-Data-Reduction-Guide-1.0.pdf	29/03/2016	https://doi.org/10.1051/0004-6361/201630855	HFI-14	HFI Editorial Board	
All HFI documentation in HELL spreadsheet (Excel)	1	HFI	Overview	HELL			All HFI documentation in HELL spreadsheet (Excel)	http://www.cosmos.esa.int/documents/12133/996743/HFI-All-HFI-documentation-in-HELL-spreadsheet-Excel-1.0.pdf	07/03/2017	https://doi.org/10.1051/0004-6361/201730855	HFI-147	Miriam Rangel, David Teyssier et al.	
All HFI documentation in HELL spreadsheet (CSV)	1	HFI	Overview	HELL			All HFI documentation in HELL spreadsheet (CSV)	http://www.cosmos.esa.int/documents/12133/996743/HFI-All-HFI-documentation-in-HELL-spreadsheet-CSV-1.0.pdf	07/03/2017	https://doi.org/10.1051/0004-6361/201730855	HFI-148	Miriam Rangel, David Teyssier et al.	
Data Analysis Guide	1	HFI	Data processing	Data Analysis			Data Analysis Guide	http://www.cosmos.esa.int/documents/12133/996743/HFI-Data-Analysis-Guide-1.0.pdf	07/12/2016	https://doi.org/10.1051/0004-6361/201630855	HFI-15	HSC	
All HFI documentation in HELL spreadsheet (PDF)	1	HFI	Overview	Documentation	HELL		All HFI documentation in HELL spreadsheet (PDF)	http://www.cosmos.esa.int/documents/12133/996743/HFI-All-HFI-documentation-in-HELL-spreadsheet-PDF-1.0.pdf	2007	https://doi.org/10.1051/0004-6361/200711855	HFI-150	Miriam Rangel	
HFI Products Explained	1	HFI	Data products	Data products			HFI Products Explained	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Products-Explained-1.0.pdf	16/05/2018, v1.2	https://doi.org/10.1051/0004-6361/201830855	HFI-155	Sylvie Beaulieu & David Teyssier	
HFI HSA Flyer	1	HFI	Data processing	Data products			HFI HSA Flyer	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-HSA-Flyer-1.0.pdf	2012	https://doi.org/10.1051/0004-6361/201219513	HFI-17	HSC	
HFI Pipeline Specification	1	HFI	Data processing	Software			HFI Pipeline Specification	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Pipeline-Specification-1.0.pdf	20/11/2015	https://doi.org/10.1051/0004-6361/201530855	HFI-18	HFI Editorial Board	
The Helix instrument for the Far-Infrared (HFI)	1	HFI	Overview	System			The Helix instrument for the Far-Infrared (HFI)	http://www.cosmos.esa.int/documents/12133/996743/HFI-The-Helix-instrument-for-the-Far-Infrared-HFI-1.0.pdf	2010	https://doi.org/10.1051/0004-6361/201016098	HFI-2	de Graauw et al.	
In-orbit performance for Herschel-HFI	1	HFI	Calibration	Performance			In-orbit performance for Herschel-HFI	http://www.cosmos.esa.int/documents/12133/996743/HFI-In-orbit-performance-for-Herschel-HFI-1.0.pdf	2012	https://doi.org/10.1051/0004-6361/201219513	HFI-3	Baillon et al.	
HFI Science User Requirements Document	1	HFI	Overview	System			HFI Science User Requirements Document	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Science-User-Requirements-Documents-1.0.pdf	27/06/2000, v1.3	https://doi.org/10.1051/0004-6361/200011855	HFI-4	A. Tencis & Frank Helmich	
HFI Test sheet	1	HFI	Overview	System			HFI Test sheet	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Test-sheet-1.0.pdf	01/05/2000	https://doi.org/10.1051/0004-6361/200011855	HFI-5	HSC	
HFI Quick Start Guide	1	HFI	Overview	System			HFI Quick Start Guide	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Quick-Start-Guide-1.0.pdf	16/05/2018, v1.2	https://doi.org/10.1051/0004-6361/201830855	HFI-6	David Teyssier	
The intensity calibration for HFI	1	HFI	Calibration	Intensity			The intensity calibration for HFI	http://www.cosmos.esa.int/documents/12133/996743/HFI-The-intensity-calibration-for-HFI-1.0.pdf	08/01/2005	https://doi.org/10.1051/0004-6361/200511855	HFI-7	Volker Oomenhof	
Spatial Calibration Framework document	1	HFI	Calibration	Spatial calibration			Spatial Calibration Framework document	http://www.cosmos.esa.int/documents/12133/996743/HFI-Spatial-Calibration-Framework-document-1.0.pdf	27/06/2000, v1.9	https://doi.org/10.1051/0004-6361/200011855	HFI-8	C. Knaur	
Frequency Calibration Framework document	1	HFI	Calibration	Spectroscopy			Frequency Calibration Framework document	http://www.cosmos.esa.int/documents/12133/996743/HFI-Frequency-Calibration-Framework-document-1.0.pdf	30/09/2000, v0.2	https://doi.org/10.1051/0004-6361/200011855	HFI-9	J. Herpin & D. Teyssier	
HFI Gas Cell Data in the HSA	2	HFI	Data products	Auxiliary Data Products			HFI Gas Cell Data in the HSA	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Gas-Cell-Data-in-the-HSA-1.0.pdf	28/02/2016, v0.1	https://doi.org/10.1051/0004-6361/201630855	HFI-113	Michael Obberg	
Known Data Processing Issues in HFI products generated with old pipeline versions	2	HFI	Data processing	Software			Known Data Processing Issues in HFI products generated with old pipeline versions	http://www.cosmos.esa.int/documents/12133/996743/HFI-Known-Data-Processing-Issues-in-HFI-products-generated-with-old-pipeline-versions-1.0.pdf	24/04/2017, v1.0	https://doi.org/10.1051/0004-6361/201730855	HFI-149	D. Teyssier	
ADP Release Note: HFI OBSW Images	2	HFI	Data products	Auxiliary Data Products			ADP Release Note: HFI OBSW Images	http://www.cosmos.esa.int/documents/12133/996743/HFI-ADP-Release-Note-HFI-OBSW-Images-1.0.pdf	2016	https://doi.org/10.1051/0004-6361/201630855	HFI-151	D. Teyssier	
ADP Release Note: HFI LCU SW and Tables	2	HFI	Data products	Auxiliary Data Products			ADP Release Note: HFI LCU SW and Tables	http://www.cosmos.esa.int/documents/12133/996743/HFI-ADP-Release-Note-HFI-LCU-SW-and-Tables-1.0.pdf	05/12/2016, v1.1	https://doi.org/10.1051/0004-6361/201630855	HFI-152	D. Teyssier	
ADP Release Note: HFI WBS SEU Monitoring Data Products	2	HFI	Data products	Auxiliary Data Products			ADP Release Note: HFI WBS SEU Monitoring Data Products	http://www.cosmos.esa.int/documents/12133/996743/HFI-ADP-Release-Note-HFI-WBS-SEU-Monitoring-Data-Products-1.0.pdf	2017	https://doi.org/10.1051/0004-6361/201730855	HFI-153	David Teyssier & Volker Oomenhof	
HFIOP Release Note: Spectral Line Catalogue from Herschel-HFI ReadMe	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: Spectral Line Catalogue from Herschel-HFI ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-Spectral-Line-Catalogue-from-Herschel-HFI-ReadMe-1.0.pdf	18/02/2018	https://doi.org/10.1051/0004-6361/201830855	HFI-156	D. Teyssier & Benamati	
HFIOP Release Note: Spectral Line Catalogue from Herschel-HFI Data	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: Spectral Line Catalogue from Herschel-HFI Data	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-Spectral-Line-Catalogue-from-Herschel-HFI-Data-1.0.pdf		https://doi.org/10.1051/0004-6361/201830855	HFI-157	D. Teyssier & Benamati	
HFIOP Release Note: Herschel/HFI Spectral Map	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: Herschel/HFI Spectral Map	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-Herschel-HFI-Spectral-Map-1.0.pdf	18/07/2018, v1.2	https://doi.org/10.1051/0004-6361/201830855	HFI-158	Rodrigue Morris & Sylvie Beaulieu	
HFIOP Release Note: Herschel/HFI Spectral Map ReadMe	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: Herschel/HFI Spectral Map ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-Herschel-HFI-Spectral-Map-ReadMe-1.0.pdf	18/07/2018, v1.2	https://doi.org/10.1051/0004-6361/201830855	HFI-159	David Teyssier	
Sid-Band Ratio Correction for HFI Data	2	HFI	Calibration	Calibration			Sid-Band Ratio Correction for HFI Data	http://www.cosmos.esa.int/documents/12133/996743/HFI-Sid-Band-Ratio-Correction-for-HFI-Data-1.0.pdf	21/05/2017, v1.0	https://doi.org/10.1051/0004-6361/201730855	HFI-16	David Teyssier & R. Higgins	
HFIOP Release Note: HFI Reference Position Spectra ReadMe	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: HFI Reference Position Spectra ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-HFI-Reference-Position-Spectra-ReadMe-1.0.pdf	21/07/2018	https://doi.org/10.1051/0004-6361/201830855	HFI-160	David Teyssier	
HFIOP Release Note: HFI Uncertainty Table: Data Products ReadMe	2	HFI	Data products	Highly Processed Data Products			HFIOP Release Note: HFI Uncertainty Table: Data Products ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-HFI-Uncertainty-Table-Data-Products-ReadMe-1.0.pdf	21/07/2018	https://doi.org/10.1051/0004-6361/201830855	HFI-161	David Teyssier	
HFIOP Release Note: Spectral Scans ReadMe	2	HFI	Data products	Highly Processed Data Products		Spectrometer	HFIOP Release Note: Spectral Scans ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-Spectral-Scans-ReadMe-1.0.pdf	30/09/2017, v1.0	https://doi.org/10.1051/0004-6361/201730855	HFI-162	David Teyssier	
HFIOP Release Note: HFI Reference Position Spectra ReadMe	2	HFI	Data products	Highly Processed Data Products		Spectrometer	HFIOP Release Note: HFI Reference Position Spectra ReadMe	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFIOP-Release-Note-HFI-Reference-Position-Spectra-ReadMe-1.0.pdf	20/10/2018, v1.1	https://doi.org/10.1051/0004-6361/201830855	HFI-163	David Teyssier, M. Rangel	
HFI Observers' Manual	2	HFI	Overview	System			HFI Observers' Manual	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Observers-Manual-1.0.pdf	01/06/2011, v2.4	https://doi.org/10.1051/0004-6361/201116098	HFI-19	HFI Consortium	
HFI ADT Observing Mode Release and Performance Notes	2	HFI	Overview	Performance			HFI ADT Observing Mode Release and Performance Notes	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-ADT-Observing-Mode-Release-and-Performance-Notes-1.0.pdf	24/09/2011, v3.0	https://doi.org/10.1051/0004-6361/201116098	HFI-20	P. Morris	
Release notes to the HFI observations taken in the framework of the Performance Validation Campaigns	2	HFI	Overview	Uplink			Release notes to the HFI observations taken in the framework of the Performance Validation Campaigns	http://www.cosmos.esa.int/documents/12133/996743/HFI-Release-notes-to-the-HFI-observations-taken-in-the-framework-of-the-Performance-Validation-Campaigns-1.0.pdf	31/01/2013, v1.2	https://doi.org/10.1051/0004-6361/201316098	HFI-21	David Teyssier	
Technical note on HFI mapping modes	2	HFI	Overview	System			Technical note on HFI mapping modes	http://www.cosmos.esa.int/documents/12133/996743/HFI-Technical-note-on-HFI-mapping-modes-1.0.pdf	30/06/2010	https://doi.org/10.1051/0004-6361/201016098	HFI-22	HFI ICC	
HFI Commissioning Phase Plan	2	HFI	Overview	System			HFI Commissioning Phase Plan	http://www.cosmos.esa.int/documents/12133/996743/HFI-HFI-Commissioning-Phase-Plan-1.0.pdf	22/07/2000, v1.3	https://doi.org/10.1051/0004-6361/200011855	HFI-23	David Teyssier, C. Rischer	
Uplink: HFI Observing Mode Document	2	HFI	Overview	Uplink			Uplink: HFI Observing Mode Document	http://www.cosmos.esa.int/documents/12133/996743/HFI-Uplink-HFI-Observing-Mode-Documents-1.0.pdf	30/05/2005, v1.41	https://doi.org/10.1051/0004-6361/200511855	HFI-24	Volker Oomenhof	
Uplink: HFI Observing Mode Description	2	HFI	Overview	Uplink</									

In-Flight Calibration of the HFI Diagnostics	2	HFI	Calibration	Spectroscopy	Performance	Eqs Annex 37_309-379 (2014)	2014	https://arxiv.org/abs/1007.1008v1	https://doi.org/10.1007/978-94-007-4133-9_1	HFI-43	M. Mueller, W. Jilma, B. Dofforges, et al.
The effect of libeard ratio on line intensity for Herschel/HFI	2	HFI	Calibration	Performance	Performance	Eqs Annex 37_493-494 (2014)	2014	https://arxiv.org/abs/1007.1008v1	https://doi.org/10.1007/978-94-007-4133-9_2	HFI-44	R. Higgins, D. Teyssier, J. Braine et al.
Calibration of the Herschel HFI Instrument using Gas Cell Measurements	2	HFI	Calibration	Instrument Test	Instrument Test	https://arxiv.org/abs/1007.1008v1	2010	https://arxiv.org/abs/1007.1008v1	https://doi.org/10.1007/978-94-007-4133-9_3	HFI-45	R. Higgins et al.
Optimization of mapping modes for heterodyne instruments	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	2009	https://arxiv.org/abs/1007.1008v1	http://dx.doi.org/10.1016/j.procs.2010.08.011	HFI-46	Volker Ossenkopf
Herschel/HFI in-Flight Commissioning and Performance	2	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	2009	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-47	Feyssier, O. et al.
Investigation and correction of Herschel/HFI spectral baseline artifacts	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	10/02/2015	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-48	G. Rodriguez, David Teyssier
PHD: Advanced Optical calibration of the Herschel HFI heterodyne spectrometer	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	01/02/2011	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-49	R. Higgins
Empirical Examination of Possible HV Imbalance	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	2016	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-50	S. Van Dyk, P. Morris, S. Jones
PHD Thesis	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	2014	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-51	W. Jilma
Description/Performance of ACT/Resonator	2	HFI	Overview	Links	Links	https://arxiv.org/abs/1007.1008v1	In preparation	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-53	P. Morris, V. Ossenkopf
Correction of Electric Standing Waves	2	HFI	Calibration	Calibration	Calibration	https://arxiv.org/abs/1007.1008v1	2014	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-57	D. Kester, I. Auvuch, D. Teyssier
High-Energy Events (HEE)	2	HFI	Calibration	Performance	Performance	https://arxiv.org/abs/1007.1008v1	21/10/2013	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-58	Volker Ossenkopf, F. Chambers
IRAM Memo 2015-3: Importing Herschel/HFI into CLASS v1.0.1	2	HFI	Data processing	Software	Software	https://arxiv.org/abs/1007.1008v1	24/10/2015, v1.0.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-59	S. Bardeau, D. Teyssier, D. Robit, J. Paty
IRAM Memo 2015-4: Introducing Associated Arrays in CLASS	2	HFI	Data processing	Software	Software	https://arxiv.org/abs/1007.1008v1	28/01/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-60	S. Bardeau, J. Paty
The Data Processing Pipeline for the Herschel-HFI Instrument	2	HFI	Data processing	Software	Software	https://arxiv.org/abs/1007.1008v1	2019	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-61	Kevin Edwards
HFD Release Note: Spectral Line Catalogue from Herschel-HFI	2	HFI	Data products	Highly Processed Data Products	Highly Processed Data Products	https://arxiv.org/abs/1007.1008v1	21/12/2017, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-62	D. Teyssier & B. Benamati
HFD Release Note: HFI Uncertainty Table Data Products	2	HFI	Data products	Highly Processed Data Products	Highly Processed Data Products	https://arxiv.org/abs/1007.1008v1	13/05/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-63	David Teyssier
HFI Beams as Ancillary Data Products: Release notes	2	HFI	Data products	Ancillary Data Products	Ancillary Data Products	https://arxiv.org/abs/1007.1008v1	13/05/2016, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-64	David Teyssier
HFI Trend Analysis Data Products: Release notes	2	HFI	Data products	Ancillary Data Products	Ancillary Data Products	https://arxiv.org/abs/1007.1008v1	12/09/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-65	David Teyssier, K. Edwards
HFI System Noise Temperature Data Products: Release notes	2	HFI	Data products	Ancillary Data Products	Ancillary Data Products	https://arxiv.org/abs/1007.1008v1	13/05/2016, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-66	David Teyssier
HFI Non-Averaged Level 2 products for Point Mode Observations: Release notes	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	01/06/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-67	David Teyssier
LFDP Release Note: HEXOS	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	2015	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-68	PIOT HEXOS
LFDP Release Note: GOT CHUs	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	19/12/2013	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-69	HOT GOT CHUs
LFDP Release Note: HDP	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	2013	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-70	HOT HDP
LFDP Release Note: HFI STARS	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	2013	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-71	HFI STARS
LFDP Release Note: PRISMAS	2	HFI	Data products	User provided Data Products	User provided Data Products	https://arxiv.org/abs/1007.1008v1	20/01/2016, v2.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-72	PRISMAS
HFD Release Note: Spectra of Scans	2	HFI	Data products	Highly Processed Data Products	Highly Processed Data Products	https://arxiv.org/abs/1007.1008v1	30/06/2017, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-73	David Teyssier
HFD Release Note: maps	2	HFI	Data products	Highly Processed Data Products	Highly Processed Data Products	https://arxiv.org/abs/1007.1008v1	12/06/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-74	P. Morris, S. Basilleu, S. Jones
HFD Release Note: HFI Reference Position Spectra	2	HFI	Data products	Highly Processed Data Products	Highly Processed Data Products	https://arxiv.org/abs/1007.1008v1	20/10/2016, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-75	David Teyssier, M. Rangil
Event: HFI O2-B3 Anomaly	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	2010	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-100	W. Jilma et al.
Report of Investigation on Herschel HFI Instrument Failure	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	16/11/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-101	P. Pinol
Event: HFI O2 B1 anomaly investigations executive summary	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	23/11/2009, v0.9	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-102	W. Jilma, B. van Leeuwen, H. Jacobs
Event: HFI AOT2 checkout in PV II	3	HFI	Calibration	PV	PV	https://arxiv.org/abs/1007.1008v1	23/11/2009, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-103	P. Morris
HFI LCU SEU recognition	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	30/01/2010, v3.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-104	David Teyssier
HFI O2B3 Anomaly Investigation Summary Report	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	05/11/2009, v1.3	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-105	W. Jilma, B. van Leeuwen, H.M. Jacobs
Test plan and report SW modifications for LCU failure prevention	3	HFI	Calibration	Instrument recovery	Instrument recovery	https://arxiv.org/abs/1007.1008v1	07/12/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-106	Albrecht de Jonge, Christophe Riachet, David Teyssier
HFI LG Software Modifications	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	20/10/2009, v1.2	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-107	T. Rini et al.
Calibrated HFI CLS and Flight procedures	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	02/12/2009, V2.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-108	David Teyssier
LCU SW redundant modification	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	November 2009, v1.2	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-109	M. Michalska
HFI Telemetry packet structure ICD	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	23/11/2009, v1.1	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-110	L. Dubbelman
HFI Telemetry Packet Structure ICD	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	23/11/2009, v1.10	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-111	L. Dubbelman
FMCEA LCU dissipative mode	3	HFI	Calibration	UpLink	UpLink	https://arxiv.org/abs/1007.1008v1	05/11/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-112	David Teyssier
HFI HRS SFT in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	25/05/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-114	J. Ravera, D. Casu-Joly
HFI WBS SFT in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	25/05/2012	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-115	V. Ossenkopf
HFI LDU SFT in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	04/06/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-116	Michael Carle
HFI LDU SFT in CoP2	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	20/01/2010, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-117	Michael Carle
HFI FPU SFT in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	05/06/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-118	W. Lauwen
HFI Chopper performance in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	05/06/2009, v1.0	https://arxiv.org/abs/1007.1008v1	https://arxiv.org/abs/1007.1008v1	HFI-119	W. Lauwen
HFI IF stability in CoP	3	HFI	Calibration	CoP	CoP	https://arxiv.org/abs/1007.1008v1	15/06/2009, v1.0	https://arxiv.org/abs/1007			

HFI FT pumped in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+FT+pumped+in+CoP	30/06/2009	https://tinyurl.com/urhgact	HFI-24	W. Laueven
HFI direct detection in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+direct+detection	11/09/2009, v1.0	https://tinyurl.com/2v6u4i	HFI-25	W. Laueven
HFI impact tuning calibration in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+impact+tuning+calibration	14/09/2009, v1.0	https://tinyurl.com/vbqz8t	HFI-26	W. Laueven
HFI Diplexer calibration in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/Diplexer+Calibration+Report+CoP	10/09/2009, v0.1	https://tinyurl.com/uewou7s	HFI-27	W. Jellima
HFI CoP Type survey	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+CoP+Type+Survey	21/07/2009, v1.1	https://tinyurl.com/ur8Bth	HFI-28	David Teyssier & Christophe Rischer
HFI CoP vector scan calibration	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+CoP+Vector+Scan+Calibration	21/07/2009, v1.1	https://tinyurl.com/07Ytd6	HFI-29	David Teyssier & Christophe Rischer
HFI SVM panel thermal stability report	3	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+SVM+panel+thermal+stability+report	01/09/2009, v1.0	https://tinyurl.com/va6uad0	HFI-30	P. Dielman
HFI System stability performance in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+System+stability+performance+in+CoP	10/09/2009, v1.0	https://tinyurl.com/ueawu0t	HFI-31	J. Kool, V. Ossenkopf
HFI Differential Instrument stability in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+Differential+Instrument+stability+in+CoP	11/09/2009, v1.0	https://tinyurl.com/u9287e	HFI-32	J. Kool, V. Ossenkopf
HFI FPM measurements	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/FPM+measurements	11/09/2009, v1.0	https://tinyurl.com/t2937w	HFI-33	Michael Oberg
HFI L2 3b purity tests in CoP	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+L2+3b+purity+tests	15/09/2009, v1.03	https://tinyurl.com/85dow	HFI-34	MFRH
HFI CoP 87b stability investigation	3	HFI	Calibration	CoP	https://www.cosmos.esa.int/documents/12133/996743/HFI+CoP+87b+stability+investigation	02/07/2009, v2.0	https://tinyurl.com/vu5o7o	HFI-35	J. Kool, B. Delforge, J. Pearson
HFI Standing Wave FSW investigation	3	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+Standing+Wave+FSW+investigation	2009	https://tinyurl.com/ua23hc	HFI-36	Ronan Higgins, Jacob Kool & David Teyssier
Continuum Performance Characterization of the HFI Flight Data	1	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+Continuum+Performance+Characterization+of+the+HFI+Flight+Data	In preparation		HFI-37	W. Jellima
HFI Developer's Reference Manual	3	HFI	Data processing	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+Developer+s+Reference+Manual	2016	https://tinyurl.com/warvmp	HFI-38	HFI-CC
Continuum reproducibility on HFI monitoring 3x3 raster maps	3	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+Continuum+reproducibility+on+HFI+monitoring+3x3+raster+maps	06/02/2014, v1.0	https://tinyurl.com/0Fvut	HFI-39	David Teyssier
Line Identification Guide	3	HFI	Data processing	Spectroscopy	https://www.cosmos.esa.int/documents/12133/996743/HFI+Line+Identification+Guide		https://tinyurl.com/v3Bknz	HFI-40	HFI-CC
End User Requirements for HFI Interactive Analysis	3	HFI	Data processing	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+End+User+Requirements+for+HFI+Interactive+Analysis	19/12/2001, v0.1	https://tinyurl.com/rv32w4	HFI-41	P. Rosfama
HFI OBS Uplink Procedure	3	HFI	Overview	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+OBS+Uplink+Procedure	18/02/2009, v1.10	https://tinyurl.com/v3357w	HFI-42	Luc Dubbedam
Herschel HFI ICU OBS Software User Manual	3	HFI	Overview	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+HFI+ICU+OBS+Software+User+Manual	30/03/2009, v4.5	https://tinyurl.com/ua73w4	HFI-43	Anna Maria Di Giorgio
HFI OBS software release notice	3	HFI	Overview	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+OBS+software+release+notice	26/02/2009, v5.4	https://tinyurl.com/rq7a2y	HFI-44	Anna Maria Di Giorgio
Beams - 3 volume paper	3	HFI	Calibration	In preparation	https://www.cosmos.esa.int/documents/12133/996743/HFI+Beams+-+3+volume+paper	In preparation		HFI-45	W. Jellima
Spot Predictor for the HFI Point and Mapping Observations	3	HFI	Data processing	Software	https://www.cosmos.esa.int/documents/12133/996743/HFI+Spot+Predictor+for+the+HFI+Point+and+Mapping+Observations	01/02/17, v1.0	https://tinyurl.com/t69a3w	HFI-46	David Teyssier & Abrecht de Jonge
HFI Continuum Intensity repeatability from Mars observations	3	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+Continuum+Intensity+repeatability+from+Mars+observations	13/11/2017, v1.1	https://tinyurl.com/ua6f0t	HFI-54	Miriam Rangil & David Teyssier
HFI User's reference Manual	3	HFI	Overview	Instrument	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+s+reference+Manual	07/12/2016, v10.0	https://tinyurl.com/w6g316	HFI-76	HFI-CC
HFI User Manual Volume 1	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+Manual+Volume+1	14/07/2008, v4.0	https://tinyurl.com/w37y0j	HFI-77	L. Dubbedam, H. Aarts
HFI User Manual Volume 2	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+Manual+Volume+2	14/07/2008, v4.0	https://tinyurl.com/wf6c7w	HFI-78	L. Dubbedam, H. Aarts
HFI User Manual Annex 1	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+Manual+Annex+1	03/06/2008	https://tinyurl.com/h3qzqz	HFI-79	David Teyssier
HFI User Manual Annex 2	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+Manual+Annex+2	07/02/2008	https://tinyurl.com/tb7a26	HFI-80	David Teyssier
HFI User Manual Annex 3	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+User+Manual+Annex+3	11/07/2008, v65	https://tinyurl.com/4k43bc	HFI-81	L. Dubbedam
HFI Instrument Interface Document Part B (IIOB)	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+Instrument+Interface+Document+Part+B+(IIOB)	21/11/2005, v3.3	https://tinyurl.com/v4437m	HFI-82	G. Dubrovik
HFI instrument specification	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+Instrument+specification	October 2004, v1.4	https://tinyurl.com/0p276t	HFI-83	H. Aarts et al.
HFI Interface Control Document	3	HFI	Overview	Design	https://www.cosmos.esa.int/documents/12133/996743/HFI+Interface+Control+Document	07/05/2004, v4.2	https://tinyurl.com/rm35ba	HFI-84	A. Nabier
All successfully scheduled HFI AORs (ZIP file: to read in HFIopt)	3	HFI	Overview	Uplink	https://www.cosmos.esa.int/documents/12133/996743/HFI+All+successfully+scheduled+HFI+AORs+(ZIP+file:+to+read+in+HFIopt)		https://tinyurl.com/v873dc	HFI-85	HSC
All scheduled engineering HFI AORs (ZIP file: to read in HFIopt)	3	HFI	Overview	Uplink	https://www.cosmos.esa.int/documents/12133/996743/HFI+All+scheduled+engineering+HFI+AORs+(ZIP+file:+to+read+in+HFIopt)		https://tinyurl.com/wp233u	HFI-86	HSC
All failed HFI AORs (ZIP file: to read in HFIopt)	3	HFI	Overview	Uplink	https://www.cosmos.esa.int/documents/12133/996743/HFI+All+failed+HFI+AORs+(ZIP+file:+to+read+in+HFIopt)		https://tinyurl.com/wp233u	HFI-87	HSC
Routine Phase OBS raster maps	3	HFI	Calibration	Uplink	https://www.cosmos.esa.int/documents/12133/996743/HFI+Routine+Phase+OBS+raster+maps	28/09/2017, v0.71	https://tinyurl.com/wm7hm3	HFI-88	Michael Oberg
The HFI Focal Plane Beam Characterization and Alignment Status	http://www.mso.edu/meeting/cust/papers/2008/20084845.pdf	3	HFI	Calibration	Spatial calibration	2008	https://tinyurl.com/vggpzw	HFI-89	W. Jellima et al.
Alternative Calibration Schemes: smoothing widths	3	HFI	Calibration	Calibration	https://www.cosmos.esa.int/documents/12133/996743/HFI+Alternative+Calibration+Schemes:+smoothing+widths	18/02/2011, v1.0	https://tinyurl.com/tzawz1	HFI-90	F. Herpin, C. Rischer
HFI Gas Cell Manual	3	HFI	Calibration	Instrument Level Test	https://www.cosmos.esa.int/documents/12133/996743/HFI+Gas+Cell+Manual	06/11/2006, v1.0	https://tinyurl.com/v53c1c	HFI-91	David Teyssier, E. Dartois, D. Deboffle
HFI FPM Gas cell measurements	3	HFI	Calibration	Instrument Level Test	https://www.cosmos.esa.int/documents/12133/996743/HFI+FPM+Gas+cell+measurements	16/04/2008, v1.0	https://tinyurl.com/va5d8t	HFI-92	David Teyssier, P. Dielman, Michael Oberg
HFI Science User Requirements Compliance Matrix	3	HFI	Calibration	Science Management	https://www.cosmos.esa.int/documents/12133/996743/HFI+Science+User+Requirements+Compliance+Matrix	06/10/2008, v0.2	https://tinyurl.com/t3uaw5	HFI-93	Michael Oberg
ILT summary report	3	HFI	Calibration	Instrument Level Test	https://www.cosmos.esa.int/documents/12133/996743/HFI+ILT+summary+report	09/06/2008, v1.0	https://tinyurl.com/w67w6t	HFI-94	Michael Oberg
Pointing Reconstruction in HFI Observations	3	HFI	Calibration	Pointing	https://www.cosmos.esa.int/documents/12133/996743/HFI+Pointing+Reconstruction+in+HFI+Observations	06/04/2015, v1.0	https://tinyurl.com/09w60t	HFI-95	P. Morris
H and V positions (ZIP file)	3	HFI	Calibration	Spatial calibration	https://www.cosmos.esa.int/documents/12133/996743/HFI+H+and+V+positions	02/12/2010	https://tinyurl.com/vm8w7c	HFI-96	HFI-CC
PI AORs as calibrators	3	HFI	Calibration	Performance	https://www.cosmos.esa.int/documents/12133/996743/HFI+PI+AORs+as+calibrators	01/12/2009	https://tinyurl.com/vdhv3h	HFI-97	Christophe Rischer & Floris van der Tak
HFI Spaceraft Instrument Alignment Matrix	3	HFI	Calibration	Spatial calibration	https://www.cosmos.esa.int/documents/12133/996743/HFI+Spaceraft+Instrument+Alignment+Matrix	02/10/2008	https://tinyurl.com/02wv5c	HFI-98	W. Jellima
HFI Flight Model Testing at Instrument and Satellite Level	3	HFI	Calibration	Instrument Level Test	https://www.cosmos.esa.int/documents/12133/996743/HFI+Flight+Model+Testing+at+Instrument+and+Satellite+Level	2008	https://tinyurl.com/ruc60t	HFI-99	P. Dielman et al.
Herschel Exploratory Supplement, Volume 1: Herschel Mission & Satellite Overview Handbook	1	Observatory	Overview	Spacecraft	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+Exploratory+Supplement+Volume+1:+Herschel+Mission+and+Satellite+Overview+Handbook	13/10/2017, v0.9	https://tinyurl.com/3zawm	Obs-0	
Herschel/Planck Anonym	1	Observatory	Overview	General	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel/Planck+Anonym	24/07/2017, v2.0.9	https://tinyurl.com/3m3y0t	Obs-1	Johannes Ringler & Mark Kilger
A02: Herschel Policies and Procedures	1	Observatory	Overview	Science	https://www.cosmos.esa.int/documents/12133/996743/HFI+A02:+Herschel+Policies+and+Procedures	09/06/2011	https://tinyurl.com/0z4z8m	Obs-2	Sören Hübner
Herschel external calibration sources	1	Observatory	Performance & Calibration	Calibration	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+external+calibration+sources	22/10/2013	https://doi.org/10.1007/978-94-007-9397-7	Obs-294	Thomas Mueller et al.
Herschel Calibration Overview	1	Observatory	Performance & Calibration	Calibration	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+Calibration+Overview	15-11/04/2015	https://tinyurl.com/w53uod	Obs-295	Anthony Marston
Herschel/Planck CHEMA (Herschel/Planck Consolidated Report on Mission Analysis)	1	Observatory	Performance & Calibration	Orbit	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel/Planck+HEMA+(Herschel/Planck+Consolidated+Report+on+Mission+Analysis)	18/07/2008, v3.1	https://tinyurl.com/3awm6t	Obs-298	Marin Hehler, Arturo Yanez
The pointing system of the Herschel space observatory Description, Calibration, Performance Log improvements	1	Observatory	Performance & Calibration	Pointing	https://www.cosmos.esa.int/documents/12133/996743/HFI+The+pointing+system+of+the+Herschel+space+observatory+Description,+Calibration,+Performance+Log+improvements	01/07/2014	https://doi.org/10.1007/978-94-007-9397-7	Obs-299	Miguel Sánchez Portal et al.
Herschel Observing Log	1	Observatory	Overview	Science	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+Observing+Log		https://tinyurl.com/dm3o28	Obs-3	
Herschel Pointing: Status, Impact on Map-Making, and Coming Improvements	1	Observatory	Performance & Calibration	Pointing	https://www.cosmos.esa.int/documents/12133/996743/HFI+Herschel+Pointing:+Status,+Impact+on+Map-Making,+and+Coming+Improvements	28/01/2013	https://tinyurl.com/w37y0j	Obs-300	Hervé Auréol, Helmut Fuchgruber & M. Tettlbaum
PAC3 problemser PSF	1	Observatory	Performance & Calibration	PSF	https://www.cosmos.esa.int/documents/12133/996743/HFI+PAC3+problemser+PSF	16/11/2015, v2.2	https://tinyurl.com/02wv5c	Obs-302	Stefan Lutz

Herschel Calibration Workshop #5: presentations	2	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Calibration+Workshop5	20/01/2011, v5.0	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Calibration+Workshop5	https://tinyurl.com/vcm5m6	Obs-308	ED, Anthony Marston	Twiki page converted to PDF with links to presentations
Herschel Cross-Calibration Report	2	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Cross-Calibration+Report	12/06/2012, v2.0	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Cross-Calibration+Report	https://tinyurl.com/wbwna2	Obs-309	Anthony Marston & Elena Page	
Welding qualification, and calibration for Herschel tank and cryostat	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Welding+Qualification+and+Calibration+for+Herschel+Tank+and+Cryostat	2005	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Welding+Qualification+and+Calibration+for+Herschel+Tank+and+Cryostat	https://tinyurl.com/w5f5ta	Obs-311	Balot, N., Roussel, E. & Wiertz, T.	
Presentation on spectral cross-calibration at the HCALSG29	2	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Spectral+Cross-Calibration	09/09/2011	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Spectral+Cross-Calibration	https://tinyurl.com/15byy6	Obs-310	Elena Page, David Teyssier & Anthony Marston	
SPACrS Update (SPaR) at HRP from 2012	2	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+SPACrS+Update+SPaR+at+HRP+from+2012	09/10/2012, v3.0	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+SPACrS+Update+SPaR+at+HRP+from+2012	https://tinyurl.com/ug6t8w	Obs-311	Elena Page, Anthony Marston, David Teyssier, Ivan Valtharian	
The Herschel Confusion Noise Estimator	2	Observatory	Performance & Calibration	Confusion		https://www.cosmos.esa.int/documents/12133/1028864/The+Herschel+Confusion+Noise+Estimator	01/02/2007, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/The+Herschel+Confusion+Noise+Estimator	https://tinyurl.com/vd8vhr	Obs-312	Casba Kis	
HERMES deep number counts at 250 μ m, 350 μ m and 500 μ m in the COSMOS and GOODS-N fields and the best-fit of the cosmic infrared background	2	Observatory	Performance & Calibration	Confusion		https://www.cosmos.esa.int/documents/12133/1028864/HERMES+deep+number+counts+at+250+micrometers+350+micrometers+and+500+micrometers+in+the+COSMOS+and+GOODS-N+fields+and+the+best-fit+of+the+cosmic+infrared+background	2012	https://www.cosmos.esa.int/documents/12133/1028864/HERMES+deep+number+counts+at+250+micrometers+350+micrometers+and+500+micrometers+in+the+COSMOS+and+GOODS-N+fields+and+the+best-fit+of+the+cosmic+infrared+background	https://doi.org/10.1051/0004-6361/201118008	Obs-313	M. Bethermin et al.	
The deepest Herschel PACS far infrared survey: number counts and infrared luminosity functions from combined HER/GOODS-N observations	2	Observatory	Performance & Calibration	Confusion		https://www.cosmos.esa.int/documents/12133/1028864/The+deepest+Herschel+PACS+far+infrared+survey+number+counts+and+infrared+luminosity+functions+from+combined+HER/GOODS-N+observations	2012	https://www.cosmos.esa.int/documents/12133/1028864/The+deepest+Herschel+PACS+far+infrared+survey+number+counts+and+infrared+luminosity+functions+from+combined+HER/GOODS-N+observations	https://doi.org/10.1051/0004-6361/201121171	Obs-314	B. Magelli et al.	
Extragalactic number counts at 100 μ m, free from cosmic variance	2	Observatory	Performance & Calibration	Confusion		https://www.cosmos.esa.int/documents/12133/1028864/Extragalactic+number+counts+at+100+micrometers+free+from+cosmic+variance	2013	https://www.cosmos.esa.int/documents/12133/1028864/Extragalactic+number+counts+at+100+micrometers+free+from+cosmic+variance	https://doi.org/10.1093/mnras/stt007	Obs-315	B. Siborger et al.	
The PACS method for estimating helium Helium	2	Observatory	Performance & Calibration	Cryostat		https://www.cosmos.esa.int/documents/12133/1028864/The+PACS+method+for+estimating+helium+Helium	22/09/2011, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/The+PACS+method+for+estimating+helium+Helium	https://tinyurl.com/c2f2ub	Obs-316	H. Feuchtgruber & A. Foghtsch	
Ullage-corrected DCM results and their uncertainties	2	Observatory	Performance & Calibration	Cryostat		https://www.cosmos.esa.int/documents/12133/1028864/Ullage-corrected+DCM+results+and+their+uncertainties	19/10/2011	https://www.cosmos.esa.int/documents/12133/1028864/Ullage-corrected+DCM+results+and+their+uncertainties	https://tinyurl.com/v278ub	Obs-317	Goran Pilbrat	
August 2012 End-of-Helium estimate: prediction based on PACS analysis up to OD 1159	2	Observatory	Performance & Calibration	Cryostat		https://www.cosmos.esa.int/documents/12133/1028864/August+2012+End-of-Helium+estimate+prediction+based+on+PACS+analysis+up+to+OD+1159	16/08/2012	https://www.cosmos.esa.int/documents/12133/1028864/August+2012+End-of-Helium+estimate+prediction+based+on+PACS+analysis+up+to+OD+1159	https://tinyurl.com/vm489a	Obs-318	Goran Pilbrat	
Herschel SHRE FTS telescope model correction	2	Observatory	Performance & Calibration	Emissivity		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+SHRE+FTS+telescope+model+correction	July, 2014	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+SHRE+FTS+telescope+model+correction	https://doi.org/10.1007/s10686-013-9355-0	Obs-319	Rosalind Woodwood et al.	
SHEM presentation	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/SHEM+presentation		https://www.cosmos.esa.int/documents/12133/1028864/SHEM+presentation	https://tinyurl.com/4tqzqf	Obs-32	PAUL SCHREIBER INSTITUT	
Cosmic Ray correlation with sunspot cycle	2	Observatory	Performance & Calibration	Environment		https://www.cosmos.esa.int/documents/12133/1028864/Cosmic+Ray+correlation+with+sunspot+cycle	2013	https://www.cosmos.esa.int/documents/12133/1028864/Cosmic+Ray+correlation+with+sunspot+cycle	https://tinyurl.com/7D8z9p	Obs-320	Anonymous	Twiki page converted to PDF. Covers most of the Herschel mission.
STR switch-overs and SW re-sets.	2	Observatory	Performance & Calibration	Pointing		https://www.cosmos.esa.int/documents/12133/1028864/STR+switch-overs+and+SW+re-sets		https://www.cosmos.esa.int/documents/12133/1028864/STR+switch-overs+and+SW+re-sets	https://tinyurl.com/t6t126	Obs-321	Miguel Sánchez-Portal	Twiki page converted to PDF.
Pointing performance improvement through the mission	2	Observatory	Performance & Calibration	Pointing		https://www.cosmos.esa.int/documents/12133/1028864/Pointing+performance+improvement+through+the+mission	15/12/2015, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/Pointing+performance+improvement+through+the+mission	https://tinyurl.com/4p6t84	Obs-322	Miguel Sánchez-Portal	Twiki page converted to PDF.
Determination of the telescope nodding reproducibility of the OD ESR pointing programme after the ACMS/STR two-dimensional focal length update	2	Observatory	Performance & Calibration	Pointing		https://www.cosmos.esa.int/documents/12133/1028864/Determination+of+the+telescope+nodding+reproducibility+of+the+OD+ESR+pointing+programme+after+the+ACMS/STR+two-dimensional+focal+length+update	07/10/2011, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/Determination+of+the+telescope+nodding+reproducibility+of+the+OD+ESR+pointing+programme+after+the+ACMS/STR+two-dimensional+focal+length+update	https://tinyurl.com/d6v5h6	Obs-323	Markus Hellwig & Ulrich Haas	
2013 HERSCHEL/PLANCK Star Tracker Performance Assessment and Calibration	2	Observatory	Performance & Calibration	Pointing		https://www.cosmos.esa.int/documents/12133/1028864/2013+HERSCHEL/PLANCK+Star+Tracker+Performance+Assessment+and+Calibration	23/09/2011, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/2013+HERSCHEL/PLANCK+Star+Tracker+Performance+Assessment+and+Calibration	https://tinyurl.com/y68t6g	Obs-325	Tatthebe, M.	
The ESA Standard Radiation Environment Monitor Program First Results From The ESA Standard Radiation Environment Monitor Program	2	Observatory	Performance & Calibration	Pointing		https://www.cosmos.esa.int/documents/12133/1028864/The+ESA+Standard+Radiation+Environment+Monitor+Program+First+Results+From+The+ESA+Standard+Radiation+Environment+Monitor+Program	2014	https://www.cosmos.esa.int/documents/12133/1028864/The+ESA+Standard+Radiation+Environment+Monitor+Program+First+Results+From+The+ESA+Standard+Radiation+Environment+Monitor+Program	https://doi.org/10.1007/s10686-013-9346-z	Obs-327	Valtharian et al.	
Herschel and Planck Power Subsystem in Flight Behaviour	2	Observatory	Performance & Calibration	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+and+Planck+Power+Subsystem+in+Flight+Behaviour	01/12/2008	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+and+Planck+Power+Subsystem+in+Flight+Behaviour	https://tinyurl.com/4p6t84	Obs-31	A. Muhammedzadeh, H. Ems, P. Neemann, E. Daly, P. Vulliamier, P. Blier, C. Eggl, W. Hagdu, N. Schumpf, A. Zehnder, I. Schneider, B.S. Fair	
HERSCHEL AND PLANCK PHOTOVOLTAIC ASSEMBLY IN FLIGHT BEHAVIOUR	2	Observatory	Performance & Calibration	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/HERSCHEL+AND+PLANCK+PHOTOVOLTAIC+ASSEMBLY+IN+FLIGHT+BEHAVIOUR	2011	https://www.cosmos.esa.int/documents/12133/1028864/HERSCHEL+AND+PLANCK+PHOTOVOLTAIC+ASSEMBLY+IN+FLIGHT+BEHAVIOUR	https://tinyurl.com/87373p	Obs-330	Lenny Drowahel, ESA Publ. Division, 2011	Only available on-line as a Google book
MDC Helium Post Helium Report	2	Observatory	Performance & Calibration	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/MDC+Helium+Post+Helium+Report	04/03/2014, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/MDC+Helium+Post+Helium+Report	https://tinyurl.com/v6d6de	Obs-332	Micha Schmidt	
Update on event in ObsID 0x0002C08	2	Observatory	Performance & Calibration	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Update+on+event+in+ObsID+0x0002C08	26/08/2010, v1.0	https://www.cosmos.esa.int/documents/12133/1028864/Update+on+event+in+ObsID+0x0002C08	https://tinyurl.com/78u68t	Obs-333	Schu, et al.	
What happened in ObsID 0x0002C08	2	Observatory	Performance & Calibration	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/What+ happened+in+ObsID+0x0002C08	26/08/2010	https://www.cosmos.esa.int/documents/12133/1028864/What+ happened+in+ObsID+0x0002C08	https://tinyurl.com/y68t6g	Obs-334	Bernhard Schütz	
Cryogenic Far Infrared Laser Absorptivity Measurements of the Herschel Space Observatory Telescope Mirror Coatings	2	Observatory	Performance & Calibration	Spacecraft	Telescope	https://www.cosmos.esa.int/documents/12133/1028864/Cryogenic+Far+Infrared+Laser+Absorptivity+Measurements+of+the+Herschel+Space+Observatory+Telescope+Mirror+Coatings	2004	https://www.cosmos.esa.int/documents/12133/1028864/Cryogenic+Far+Infrared+Laser+Absorptivity+Measurements+of+the+Herschel+Space+Observatory+Telescope+Mirror+Coatings	https://doi.org/10.1364/OE-03-002376	Obs-335	Fischer, J., Klaxson, T., Hoenner, N., Jakob, G., Pogfritz, A. & Sternberg, O.	
Herschel out-of-field straylight characterization	2	Observatory	Performance & Calibration	Straylight		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+out-of-field+straylight+characterization	04/07/2014	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+out-of-field+straylight+characterization	https://doi.org/10.1007/s10686-013-9362-1	Obs-336	H. Knaak, A. Okuma, M. Fellet, T. Müller, M. Sanchez-Portal, B. Altier, D. Doyle & G. L. Pilbrat	
Herschel stray light report	2	Observatory	Performance & Calibration	Straylight		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+stray+light+report	07/02/2011	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+stray+light+report	https://tinyurl.com/4153m7	Obs-337	K. Okumura	
Herschel out-of-field simulations with ASP	2	Observatory	Performance & Calibration	Straylight		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+out-of-field+simulations+with+ASP	10/03/2009	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+out-of-field+simulations+with+ASP	https://tinyurl.com/um9vhr	Obs-338	Mark Fellet	
Impact of the Radiation Environment A12-02 on Instruments Onboard The Herschel Space Observatory	2	Observatory	Performance & Calibration	Environment		https://www.cosmos.esa.int/documents/12133/1028864/Impact+of+the+Radiation+Environment+A12-02+on+Instruments+Onboard+The+Herschel+Space+Observatory	24/07/2012	https://www.cosmos.esa.int/documents/12133/1028864/Impact+of+the+Radiation+Environment+A12-02+on+Instruments+Onboard+The+Herschel+Space+Observatory	https://doi.org/10.1007/s10686-013-9344-y	Obs-339	Benoît Hénoux, Olivier Bourdelle, Arnaud Claret, Helmut Feuchtgruber, Korjo Okumura, Pasquale Panzini, Andrea Pasquato, Klaus Rogstad, Axel Rodighiero, Viktor Savvage	
From Monitoring Camera to Mars Webcam – Producing Outreach from Ops (VMC description)	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/From+Monitoring+Camera+to+Mars+Webcam+-+Producing+Outreach+from+Ops+(VMC+description)		https://www.cosmos.esa.int/documents/12133/1028864/From+Monitoring+Camera+to+Mars+Webcam+-+Producing+Outreach+from+Ops+(VMC+description)	https://tinyurl.com/4p6t84	Obs-34	Thomas Ormston, Michel Desj, & Shylke Pasche	
Herschel separation from the Sylla	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+separation+from+the+Sylla	14/05/2009	https://www.cosmos.esa.int/documents/12133/1028864/Herschel+separation+from+the+Sylla	https://tinyurl.com/rm8t7z	Obs-35		Short ruff animation of Herschel's separation from the Ariane upper stage
The Herschel EADS CH720 hydraine thruster	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/The+Herschel+EADS+CH720+hydraine+thruster		https://www.cosmos.esa.int/documents/12133/1028864/The+Herschel+EADS+CH720+hydraine+thruster	https://tinyurl.com/rffv8a	Obs-36		
Turning requirements into operations - Herschel/Planck ACMS Database Experience	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Turning+requirements+into+operations+-+Herschel/Planck+ACMS+Database+Experience	2007	https://www.cosmos.esa.int/documents/12133/1028864/Turning+requirements+into+				

ADP Release Note: Herschel Calibrator Models: ASTEROIDS	2	Observatory	Data Products	Auxiliary Data Products		https://herschel.esac.esa.int/hsa/legacy/ADP/2014/Model/ReleaseNote_Herschel_Solar_Calibrator_Models.pdf	17/01/2017, v1.0	https://bitbucket.org/ghb/ghb	Obs-753	David Teyssier & Anthony Marston
ADP Data: Herschel Calibrator Models: ASTEROIDS	2	Observatory	Data Products	Auxiliary Data Products		Data/411Mbytes	17/01/2017	https://bitbucket.org/ghb/ghb	Obs-754	David Teyssier & Anthony Marston
ADP Release Note: Herschel Calibrator Models: ASTEROIDS	2	Observatory	Data Products	Auxiliary Data Products		ReleaseNote_AdvancedThermophysicalModelPredictionsForMCAUpload	20/10/2016, v1.0	https://bitbucket.org/ghb/ghb	Obs-755	Thomas Müller
ADP Data: Herschel Calibrator Models: ASTEROIDS	2	Observatory	Data Products	Auxiliary Data Products		Data/123Mbytes	24/11/2016	https://bitbucket.org/ghb/ghb	Obs-756	Thomas Müller
ADP Release Note: Herschel Instrument Calibration Files	2	Observatory	Data Products	Auxiliary Data Products		ReleaseNote_HerschelInstrumentCalibrationFilesForUsers	07/12/2016	https://bitbucket.org/ghb/ghb	Obs-757	
ADP Data: Herschel Instrument Calibration Files	2	Observatory	Data Products	Auxiliary Data Products		Data/124Mbytes	07/12/2016	https://bitbucket.org/ghb/ghb	Obs-758	
ADP Release Note: Herschel Operational Data	2	Observatory	Data Products	Auxiliary Data Products		ReleaseNote	27/01/2017	https://bitbucket.org/ghb/ghb	Obs-759	Jon Brumfit
ADP Data: Herschel Operational Data	2	Observatory	Data Products	Auxiliary Data Products		Data/Directory	27/01/2017	https://bitbucket.org/ghb/ghb	Obs-760	Jon Brumfit
HSDP Release Note: Herschel Solar System Object Observation Catalogue	2	Observatory	Data Products	Highly Processed Data Products		ReleaseNote_HerschelSolarSystemObjectObservationCatalogue	In preparation	https://bitbucket.org/ghb/ghb	Obs-761	Romero, Kider & Rengel
HSDP Data: Herschel Solar System Object Catalogue	2	Observatory	Data Products	Highly Processed Data Products		Data	In preparation	https://bitbucket.org/ghb/ghb	Obs-762	Romero, Kider & Rengel
Focal plane cryo temperature sensors	2	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/CryoTemperatureSensors		https://bitbucket.org/ghb/ghb	Obs-763	
HSDP Explanatory Supplement: Herschel/PACS Solar System Object Observations Comet Catalogue	2	Observatory	Data Products	Highly Processed Data Products		HERSCHEL_HSC_DOC_2000	26/07/2016, v1.0	https://bitbucket.org/ghb/ghb	Obs-763	Cristina Romero Calvo, Mark Kider, Miriam Rengel & Mircea Stocica
HSDP Data: Herschel/PACS Solar System Object Observations Comet Catalogue	2	Observatory	Data Products	Highly Processed Data Products		Data	26/07/2016, v1.0	https://bitbucket.org/ghb/ghb	Obs-764	Cristina Romero Calvo, Mark Kider, Miriam Rengel & Mircea Stocica
Quick start guide to Virtual HSpot	2	Observatory	Software	HSpot		https://www.cosmos.esa.int/documents/12133/1028864/QuickStartGuideToVirtualHSpot	26/10/2017, v1.1	https://bitbucket.org/ghb/ghb	Obs-764	Mark Kider
HSDP Release Note: Herschel/PACS Solar System Object Observations Comet Catalogue	2	Observatory	Data Products	Highly Processed Data Products		ReleaseNote	03/09/2016, v1.0	https://bitbucket.org/ghb/ghb	Obs-765	Cristina Romero Calvo, Mark Kider, Miriam Rengel & Mircea Stocica
HSC Data Processing Workshops and Webinars	2	Observatory	Data processing	HPC		https://herschel.esac.esa.int/hsa/legacy/HSC/DataProcessingWorkshops	24/05/2016	https://bitbucket.org/ghb/ghb	Obs-770	hsc
Inventing a Space Mission: The Story of the Herschel Space Observatory	2	Observatory	Overview	Spacecraft		ISL Scientific Report 14	09/07/1995	https://bitbucket.org/ghb/ghb	Obs-777	Vincent Minier, Roger Maurice Bonnet, Vincent Bortone, Tjib de Graauw, Matt Griffin, Frank Helmich, Gábor Fibriatt and Sergio Ilicic
Quality Control Report Product Definition	2	Observatory	Data Products	HSA		Herschel-HSC-DOC-0660	15/04/2007, v0.5	https://bitbucket.org/ghb/ghb	Obs-781	Eric Verdugo
Herschel/Planck Mission Implementation Plan	2	Observatory	Overview	MOC		Herschel/Planck Mission Implementation Plan	10/04/2003, v1.0	https://bitbucket.org/ghb/ghb	Obs-9	John Dodsworth
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 351	3	Observatory	Overview	Orbit		DA50_351	09/10/2010	https://bitbucket.org/ghb/ghb	Obs-200	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 350	3	Observatory	Overview	Orbit		DA50_350	10/12/2010	https://bitbucket.org/ghb/ghb	Obs-201	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 361	3	Observatory	Overview	Orbit		DA50_361	20/05/2011	https://bitbucket.org/ghb/ghb	Obs-202	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 362	3	Observatory	Overview	Orbit		DA50_362	21/02/2011	https://bitbucket.org/ghb/ghb	Obs-203	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 365	3	Observatory	Overview	Orbit		DA50_365	28/05/2011	https://bitbucket.org/ghb/ghb	Obs-204	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 367	3	Observatory	Overview	Orbit		DA50_367	01/05/2011	https://bitbucket.org/ghb/ghb	Obs-205	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 370	3	Observatory	Overview	Orbit		DA50_370	24/05/2011	https://bitbucket.org/ghb/ghb	Obs-206	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 373	3	Observatory	Overview	Orbit		DA50_373	24/04/2011	https://bitbucket.org/ghb/ghb	Obs-207	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 385	3	Observatory	Overview	Orbit		DA50_385	01/11/2011	https://bitbucket.org/ghb/ghb	Obs-208	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 386	3	Observatory	Overview	Orbit		DA50_386	14/11/2011	https://bitbucket.org/ghb/ghb	Obs-209	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 389	3	Observatory	Overview	Orbit		DA50_389	19/11/2011	https://bitbucket.org/ghb/ghb	Obs-210	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 402	3	Observatory	Overview	Orbit		DA50_402	03/04/2012	https://bitbucket.org/ghb/ghb	Obs-211	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 412	3	Observatory	Overview	Orbit		DA50_412	11/02/2012	https://bitbucket.org/ghb/ghb	Obs-212	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 416	3	Observatory	Overview	Orbit		DA50_416	23/05/2012	https://bitbucket.org/ghb/ghb	Obs-213	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 429	3	Observatory	Overview	Orbit		DA50_429	23/04/2012	https://bitbucket.org/ghb/ghb	Obs-214	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 430	3	Observatory	Overview	Orbit		DA50_430	26/04/2012	https://bitbucket.org/ghb/ghb	Obs-215	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 439	3	Observatory	Overview	Orbit		DA50_439	27/05/2012	https://bitbucket.org/ghb/ghb	Obs-216	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 442	3	Observatory	Overview	Orbit		DA50_442	16/06/2012	https://bitbucket.org/ghb/ghb	Obs-217	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 443	3	Observatory	Overview	Orbit		DA50_443	25/06/2012	https://bitbucket.org/ghb/ghb	Obs-218	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 447	3	Observatory	Overview	Orbit		DA50_447	14/08/2012	https://bitbucket.org/ghb/ghb	Obs-219	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 458	3	Observatory	Overview	Orbit		DA50_458	25/10/2012	https://bitbucket.org/ghb/ghb	Obs-220	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 459	3	Observatory	Overview	Orbit		DA50_459	06/11/2012	https://bitbucket.org/ghb/ghb	Obs-221	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 462	3	Observatory	Overview	Orbit		DA50_462	07/12/2012	https://bitbucket.org/ghb/ghb	Obs-222	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 464	3	Observatory	Overview	Orbit		DA50_464	24/12/2012	https://bitbucket.org/ghb/ghb	Obs-223	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 472	3	Observatory	Overview	Orbit		DA50_472	21/02/2013	https://bitbucket.org/ghb/ghb	Obs-224	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 473	3	Observatory	Overview	Orbit		DA50_473	27/02/2013	https://bitbucket.org/ghb/ghb	Obs-225	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 475	3	Observatory	Overview	Orbit		DA50_475	09/03/2013	https://bitbucket.org/ghb/ghb	Obs-226	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 479	3	Observatory	Overview	Orbit		DA50_479	20/04/2013	https://bitbucket.org/ghb/ghb	Obs-227	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 480	3	Observatory	Overview	Orbit		DA50_480	01/05/2013	https://bitbucket.org/ghb/ghb	Obs-228	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 481	3	Observatory	Overview	Orbit		DA50_481	08/05/2013	https://bitbucket.org/ghb/ghb	Obs-229	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 482	3	Observatory	Overview	Orbit		DA50_482	25/05/2013	https://bitbucket.org/ghb/ghb	Obs-230	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 483	3	Observatory	Overview	Orbit		DA50_483	17/06/2013	https://bitbucket.org/ghb/ghb	Obs-231	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 484	3	Observatory	Overview	Orbit		DA50_484	28/06/2013	https://bitbucket.org/ghb/ghb	Obs-232	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 485	3	Observatory	Overview	Orbit		DA50_485	06/07/2013	https://bitbucket.org/ghb/ghb	Obs-233	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 487	3	Observatory	Overview	Orbit		DA50_487	11/08/2013	https://bitbucket.org/ghb/ghb	Obs-234	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DA50 489	3	Observatory	Overview	Orbit		DA50_489	01/10/2013	https://bitbucket.org/ghb/ghb	Obs-235	Gareth Williams
Use of interleaving mode measurements in the gyro-based attitude reconstruction software	3	Observatory	Overview	Pointing		HERSCHEL-HSC-DOC-2000	06/07/2015	https://bitbucket.org/ghb/ghb	Obs-317	Craig Stephenson
ESA Pointing Error Handbook	3	Observatory	Overview	Pointing		ESA Pointing Error Handbook	18/02/1991, v1.0	https://bitbucket.org/ghb/ghb	Obs-318	D.G. Dunlap
Scientific Mission Planning System Pointing Modes	3	Observatory	Overview	Pointing		HERSCHEL-HSC-DOC-024	10/09/2010, v2.0	https://bitbucket.org/ghb/ghb	Obs-319	Jon Brumfit
Herschel Reserved Observations List Tool User's Requirements	3	Observatory	Overview	Science		HERSCHEL-HSC-DOC-096	16/07/2007, v1.1	https://bitbucket.org/ghb/ghb	Obs-340	A.M. Heras, E. Verdugo
Fast re-plan procedures	3	Observatory	Overview	Science		HERSCHEL-HSC-TR-2017	10/05/2011	https://bitbucket.org/ghb/ghb	Obs-341	Mark Kider
Fast re-plan limitations	3	Observatory	Overview	Science		HERSCHEL-HSC-TR-2018	03/05/2011	https://bitbucket.org/ghb/ghb	Obs-342	Joë Metzelle

HSC Science Implementation Plan (SIS-GP)	3	Observatory	Overview	Science		https://www.cosmos.esa.int/documents/121131/1028864/HERSCHEL-SCIENCE-CENTRE-IMPLEMENTATION-PLAN	https://tinyurl.com/v28vuf	Obs-143	Goran Pilbratt
Project Scientist Talks	3	Observatory	Overview	Science		https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-SCIENCE-CENTRE-IMPLEMENTATION-PLAN	https://tinyurl.com/v28vuf	Obs-144	Goran Pilbratt
Announcement of Opportunity for Key Programmes: Executive Summary	3	Observatory	Overview	Science		https://www.cosmos.esa.int/documents/121131/1028864/Announcement-of-Opportunity-for-Key-Programmes-Executive-Summary	https://tinyurl.com/v28vuf	Obs-145	Unassigned
All targets successfully observed by Herschel	3	Observatory	Overview	Science		https://www.cosmos.esa.int/documents/121131/1028864/All-targets-successfully-observed-by-Herschel	https://tinyurl.com/v28vuf	Obs-146	Mark Kidger
All science and calibration ADPs successfully observed by Herschel	3	Observatory	Overview	Science		https://www.cosmos.esa.int/documents/121131/1028864/All-science-and-calibration-ADPs-successfully-observed-by-Herschel	https://tinyurl.com/v28vuf	Obs-147	Mark Kidger
Mission Control System ICD - Data Distribution System.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1308-OPS-GDS-ESOC-14-DSIS-ICD	https://tinyurl.com/bsauze	Obs-148	HMCS Development Team
Mission Control System ICD - File Transfer System.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1307-OPS-GDS-ESOC-14-FTS-ICD	https://tinyurl.com/wgppuz7	Obs-149	HMCS Development Team
Mission Control System ICD - Telemetry Data Retrieval Service.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1309-OPS-GDS-ESOC-14-TDRS-ICD	https://tinyurl.com/uz7zht	Obs-150	Stefan Korner
H/P Task Parameter Files ICD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1306-OPS-GFT-ESOC-16-TPF-ICD	https://tinyurl.com/uz59y9	Obs-151	G.Gaenger & A.McDonald
H/P Satellite Propagation Delay Data ICD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GPL-ESOC-17-DCD	https://tinyurl.com/r6zqg	Obs-152	Frank Budnik
H/P Orbit Events File ICD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1308-OPS-GFC-ESOC-18-VEF	https://tinyurl.com/uz686c	Obs-153	Frank Budnik
H Enhanced Planned Observation Sequence - Attitude Parameter File ICD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1307-OPS-GFT-ESOC-18-EPAS-AP-ICD	https://tinyurl.com/uzq2x9	Obs-154	G.Gaenger, A.McDonald & R. Kreien
HERSCHEL/PLANCK Orbit Data and Access Software ICD	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1302-OPS-GFT-ESOC-20-ODAS-ICD	https://tinyurl.com/uz6434	Obs-155	Frank Budnik
Planning Skeleton File ICD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1308-OPS-GFC-ESOC-21-PPF-ICD	https://tinyurl.com/uz6434	Obs-156	P.A.Mahr
H/P Consolidated MOC/S&S ICD List	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1308-OPS-GFC-ESOC-28	https://tinyurl.com/uz686c	Obs-157	Ralph Biggins
H/P Mission Control System System Specification.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1301-OPS-GDS-ESOC-01-IMCS-SSC	https://tinyurl.com/uzmkw5m	Obs-158	Herschel/Planck Ground Segment Team
H/P Flight Dynamics Support Requirements Compilation	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-03-FFD-SSC	https://tinyurl.com/uz686c	Obs-159	G.Gaenger, A.McDonald, R. Magillier Dow, J.P. Palmer & M. Turtletaupe
H/P Mission Control System Software Requirements Specification	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-03-FFD-SSC	https://tinyurl.com/uz686c	Obs-160	G.D. Girolamo
H/P Simulator Software Requirements Specification	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-04-FFD-SSC	https://tinyurl.com/uz686c	Obs-161	Daniel Verrier
H/P Station & Facilities Implementation Requirements (SFRD)	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-04-FFD-SSC	https://tinyurl.com/uz686c	Obs-162	A.Head
MAINTRA Flight Dynamics Interplanetary Manoeuvre Optimization Software Specification Document	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-24	https://tinyurl.com/uz686c	Obs-163	J. Pulido, J. Schoonenmakers & B. Baulke
Herschel/Planck PSF Generation SSD.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-27	https://tinyurl.com/uz686c	Obs-164	P. A. Mahr
H/P Mission Implementation Plan.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-05-IMP	https://tinyurl.com/uz686c	Obs-165	H/P Ground Segment Team
H/P Intended Operational Usage of Sub-schedules	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-09	https://tinyurl.com/uz686c	Obs-166	M.Schmidt & Watson
Packet Store usage on H/P.	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-10	https://tinyurl.com/uz686c	Obs-167	E.Watson, R. Biggins
Implementation Analysis - H/P Flight Dynamics System	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-06	https://tinyurl.com/uz686c	Obs-168	J.P. Palmer et al.
H/P Ground Segment MOC System Architecture	3	Observatory	Overview	S&S	Restricted access	https://www.cosmos.esa.int/collections/mission/121131/1028864/HERSCHEL-MCS-1303-OPS-GFT-ESOC-07-FAAD	https://tinyurl.com/uz686c	Obs-169	Herschel/Planck Team

H-P ACMS/ACMS Telecommands Definition	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-024-IND-007	21/12/2006, v4.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-024_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-024_2.pdf	https://tinyurl.com/wd8sh	Obs-212	J.A. Meijer
H-P ACMS/ACMS Telecommands Definition/Annex 2	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-024-IND-024	Undated	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-024_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-024_2.pdf	https://tinyurl.com/yw2hnl	Obs-213	Anonymous
H-P ACMS/TC Definition Amendments for ASW	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-024A-IND-084	February 2004, v1A	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-084_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-084_2.pdf	https://tinyurl.com/sqz25	Obs-214	L.I. TIMMERMANS
H-P ACMS/ACMS TC Definition Amendments Annex 2	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-024A-IND-084		https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-084_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-084_2.pdf	https://tinyurl.com/ckq28b	Obs-215	
H-P ACMS/ACMS ASW Database ICD	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-IC-006-IND-02	08/03/2006, v6.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-09_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-09_2.pdf	https://tinyurl.com/vopwhx	Obs-216	M.J.A. Oort
H-P ACMS/ACMS ASW Requirements Specification	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-SP-048-IND-10	30/08/2005, v4.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-10_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-10_2.pdf	https://tinyurl.com/vef77z	Obs-217	A. Couwenberg & A. O'Dwyer
H-P ACMS/Design Report	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-11-IND-11	31/03/2007, v6.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-11_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-11_2.pdf	https://tinyurl.com/y7y7y	Obs-218	Dutch Space
H-P ACMS/ACMS Telemetry Definition	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-043-IND-12	04/05/2006, v4.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-12_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-12_2.pdf	https://tinyurl.com/5wvth	Obs-219	E.A. Silvers
H/P ACMS/Ground Calibrations and Performance Prediction Algorithm Description	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-043-IND-13	04/06/2004, v2.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-13_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-13_2.pdf	https://tinyurl.com/vnabed	Obs-220	ACMS Operations Team
H-P ACMS/User Manual Pre-information	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-055-IND-14	12/01/2005, v2.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-14_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-14_2.pdf	https://tinyurl.com/legumun	Obs-221	M.J.A. Oort
H-P ACMS/Internal ICD	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-IC-007-IND-15	07/09/2005, v2.5	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-15_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-15_2.pdf	https://tinyurl.com/yef8nne	Obs-222	W.I. Admiraal
CDMU Technical Design Report	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-IC-007-IND-16	10/06/2004, v5.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-16_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-16_2.pdf	https://tinyurl.com/gm7u8f	Obs-223	Björn Hansson
ACC Software ICD for the Basic Software (BSW)	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-IC-007-IND-17	24/02/2006, v12.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-17_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-17_2.pdf	https://tinyurl.com/vbfzsc	Obs-224	Thomas Bone
H-P ACC/ASW Software Design Document	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-TA0W-05-0001-IND-18	20/12/2004, v4.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-18_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-18_2.pdf	https://tinyurl.com/verftr	Obs-225	Terna Space
H-P ACC/ASW Interface Control Document	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-TA0W-05-0002-IND-19	04/10/2006, v9C	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-19_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-19_2.pdf	https://tinyurl.com/epz6dc	Obs-226	Jan Storbak Pedersen & Jasper H. van Lierstijn
H-P ACC/ASW Software Requirements Document	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-TA0W-05-0001-IND-20	05/10/2006, v4A	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-20_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-20_2.pdf	https://tinyurl.com/vnabtd	Obs-227	Ron Neelson
Herschel Commanding and Calibration Frames	3	Observatory	Overview	Spacecraft	Restricted access	H-P-2-ASW-TN-0038-IND-21	10/12/2004, v1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-21_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-21_2.pdf	https://tinyurl.com/uc977e	Obs-228	D. Goitch
Herschel System Alignment Plan	3	Observatory	Overview	Spacecraft	Restricted access	H-P-2-ASW-TN-0079-IND-22	01/02/2007, v4.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-22_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-22_2.pdf	https://tinyurl.com/wabnec	Obs-229	Ph. Martin
EGSE Interface Requirements Specification	3	Observatory	Overview	Spacecraft	Restricted access	H-P-2-ASW-IC-0121-IND-23	14/12/2004, v4.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-23_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-23_2.pdf	https://tinyurl.com/vg79ag	Obs-230	Bernard Dubois
H-P Time Synchronization	3	Observatory	Overview	Spacecraft	Restricted access	H-P-1-ASW-TN-0093-IND-24	20/11/2007, v1.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-24_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-24_2.pdf	https://tinyurl.com/vz7y7f	Obs-231	Rachid YAKOUBI
Instrument Data Rates Allocation	3	Observatory	Overview	Spacecraft	Restricted access	H-P-2-ASW-TN-0004-IND-25	25/06/2001, v2.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-25_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-25_2.pdf	https://tinyurl.com/yv7zvs	Obs-232	K.R. Hibbard
H-P ACMS/ACMS Glossary	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-TN-047-IND-26	12/07/2006, v2.4	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-26_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-26_2.pdf	https://tinyurl.com/vz7a7h	Obs-233	M.J.A. Oort
H-P ACMS/ACMS User Manual	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-MM-001-IND-27	11/12/2006, v4.2	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-27_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-27_2.pdf	https://tinyurl.com/vth63f	Obs-234	Dutch Space
H-P ACMS/ACMS Budget Report	3	Observatory	Overview	Spacecraft	Restricted access	H-P-4-05-SP-043-IND-28	03/11/2006, v2.4	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-28_1.pdf https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/IND-28_2.pdf	https://tinyurl.com/zeaph7	Obs-235	M.J.A. Oort
Common_EGSE_document_overview	3	Observatory	Overview	Spacecraft	Common_EGSE_document_overview	Undated	https://www.cosmos.esa.int/Documents/121331/1028864/Common_EGSE_document_overview.pdf	https://tinyurl.com/dt9p4d	Obs-236		
DMU/UCU Onboard Software Loading, Technical Note	3	Observatory	Overview	Spacecraft	DMU_MF-TN-000	17/10/2002, v1.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/DMU_MF-TN-000.pdf	https://tinyurl.com/tb3mty	Obs-237	Erch Waseoek	
EGSE-UI User Requirements Document	3	Observatory	Overview	Spacecraft	EGSE-UI-REQ-000122	04/10/2007, v0.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-UI-REQ-000122.pdf	https://tinyurl.com/vw5ebv	Obs-238	K.I. King	
EGSE interface unit functional description	3	Observatory	Overview	Spacecraft	EGSE-UI-FUN-000101	06/09/2007, v0.2	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-UI-FUN-000101.pdf	https://tinyurl.com/vrgmgn	Obs-239	Luc Dubbeldam & Albert Huber	
EGSE - ODSM Statement of Work	3	Observatory	Overview	Spacecraft	EGSE-SW-000	20/08/2001, v0.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-SW-000.pdf	https://tinyurl.com/vpmdos	Obs-240	E. Waseoek	
EGSE Test Control User Guide	3	Observatory	Overview	Spacecraft	EGSE-MF-ANN-001	12/07/2004, v0.2	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-MF-ANN-001.pdf	https://tinyurl.com/vz7bngs	Obs-241	Erch Waseoek	
FINET/Planck CDM5 Simulator requirements	3	Observatory	Overview	Spacecraft	FINET-UI-REQ-000100	01/05/2001, v1.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/FINET-UI-REQ-000100.pdf	https://tinyurl.com/vj2zaw	Obs-242	A. Huber	
Herschel EGSE integration plan	3	Observatory	Overview	Spacecraft	EGSE-UI-REQ-000101	06/11/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-UI-REQ-000101.pdf	https://tinyurl.com/vf7yq2	Obs-243	Luc Dubbeldam & Erch Waseoek	
Herschel EGSE Packet Router ICD	3	Observatory	Overview	Spacecraft	EGSE-UI-REQ-000101	23/10/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-UI-REQ-000101.pdf	https://tinyurl.com/epq8b2	Obs-244	Albrecht de Jonge	
Herschel EGSE router SOW	3	Observatory	Overview	Spacecraft	EGSE-UI-REQ-000101	06/02/2001, v0.1	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/EGSE-UI-REQ-000101.pdf	https://tinyurl.com/vz7a7h	Obs-246	Luc Dubbeldam	
Herschel Planck CDM5 interface test requirements specification	3	Observatory	Overview	Spacecraft	FINET-UI-REQ-000100	14/06/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/FINET-UI-REQ-000100.pdf	https://tinyurl.com/vf7yq2	Obs-247	Luc Dubbeldam	
HFI TE1 test procedure	3	Observatory	Overview	Spacecraft	FINET-UI-REQ-000100	10/11/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/FINET-UI-REQ-000100.pdf	https://tinyurl.com/vw23ta	Obs-248	Luc Dubbeldam	
HFI TE1 test report	3	Observatory	Overview	Spacecraft	FINET-UI-REQ-000100	20/12/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/FINET-UI-REQ-000100.pdf	https://tinyurl.com/vw23ta	Obs-249	Luc Dubbeldam	
HFI TE1 test report Annex A	3	Observatory	Overview	Spacecraft	FINET-UI-REQ-000100	20/12/2001, v1.0	https://dlm.cosmos.esa.int/c/documentStore/doc/131/10881/0/2173396562/3537934/FINET-UI-REQ-000100.pdf				

ESSE Setup at Friedrichshafen	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/ESSE+Setup+at+Friedrichshafen+Technical+Note	03/07/2001, v1.0	https://biturl.com/vf8wbc	Obs-251	Erich Weisrock
MIB editor evaluation report	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/MIB+editor+evaluation+report	12/06/2001, v2.0	https://biturl.com/8jwz82	Obs-252	Luc Dubbelstein
MIB editor Requirements specification document	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/MIB+editor+Requirements+specification+document	23/08/2001, v1.0	https://biturl.com/8jwz82	Obs-253	Luc Dubbelstein
Real Time Analysis delta URD	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/RTA+delta+URD	06/06/2000, v2.0	https://biturl.com/rm9p54	Obs-254	Luc Dubbelstein
FGSE & Test Control Statement of Work	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/FGSE+Test+Control+Statement+of+Work	14/05/2001, v0.2	https://biturl.com/r2z28e	Obs-255	E Weisrock
TEU-FPU Software Design specification	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/TEU+Software+Design	08/05/2001, v1.0	https://biturl.com/dhm311	Obs-256	Henn Hamink
TEU TMTFC packet ID	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/TEU+TMTFC+packet+ID	19/12/2001, v1.0	https://biturl.com/66a0aa	Obs-257	Luc Dubbelstein
Test-Equipment Interface SOW	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/TEU+Test-Equipment+Interface+SOW	04/05/2001, v1.2	https://biturl.com/qag6af	Obs-258	Luc Dubbelstein
TEU specification	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/TEU+specification	24/06/2001, v0.1	https://biturl.com/d8t8tq	Obs-259	Johan Weisrock & Albrecht de Jonge
Test-equipment Interface URD	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/TEST-EQUIPMENT+INTERFACE+URD	17/12/2001, v1.0	https://biturl.com/wet8ba	Obs-260	Luc Dubbelstein
Technical Note: A Possible Approach For The CCS - ESSE Telecommand interface	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Technical+Note+A+Possible+Approach+For+The+CCS+-+ESSE+Telecommand+Interface	28/02/2003	https://biturl.com/vw3h2u	Obs-261	Erich Weisrock
Ground systems and operators – Telemetry and telecommand packet utilization standards, ECSS-E-70-41A	3	Observatory	Overview	Spacecraft		https://www.ecss-e.org/DocumentLibrary/ECSS-E-70-41A	30/01/2003	https://biturl.com/vq2z3b	Obs-262	Requires login
Ground systems and operators – Telemetry and telecommand packet utilization. Revision of ECSS-E-70-41A to ECSS-E-70-41C.	3	Observatory	Overview	Spacecraft		https://www.ecss-e.org/DocumentLibrary/ECSS-E-70-41C	15/04/2016	https://biturl.com/yd8b4t	Obs-263	Revision of ECSS-E-70-41A based, in part, on Herschel lessons learnt. Requires login.
The ESA Packet Utilization Standard	3	Observatory	Overview	Spacecraft		https://www.esa.int/ESA/Operations/ESA_Packet_Utilization_Standard		https://biturl.com/dy8t8t	Obs-264	
SVM Design Report	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_0_Purpose_and_Scope_v4.pdf?mode=337985&version=2	28/06/2000, v2.0	https://biturl.com/8f8t8t	Obs-265	Alenia
Herschel-Planck Radiation Requirements	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_1_Introduction_to_the_Mission_Definition_v4.pdf?mode=338838&version=2	11/06/2001, v1.0	https://biturl.com/qag24c	Obs-267	Oliver Mon
CDMU HARDWARE REQUIREMENT SPECIFICATION	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_2_System_Level_Operations_v4.pdf?mode=338838&version=2	22/12/2004, v7.0	https://biturl.com/w8t8tq	Obs-268	E. Carotta
Herschel-Planck CDMU Interface Control Drawing	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_3_PCS_LIM_v4.pdf?mode=338838&version=2	Undated	https://biturl.com/w8t8tq	Obs-269	
Herschel pointing accuracy and calibration procedures	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+Pointing+Accuracy+and+Calibration+Procedures	05/12/2001, v1.1	https://biturl.com/vi2z37	Obs-270	A. Eflving & I. Rasmussen
Using Chebyshev Polynomials for Solar System Objects	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Using+Chebyshev+Polynomials+for+Solar+System+Objects.pdf?mode=338838&version=2	21/02/2001, v2.0	https://biturl.com/v8t8tq	Obs-271	Mark Dart
15th Pointing Working Group Meeting, Paris, France	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/documents/12133/1028864/15th+Pointing+Working+Group+Meeting+Paris+France	14/05/2014	https://biturl.com/8t8t8t	Obs-272	Craig Stephenson
Herschel Extended Payload Module CDR documentation	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Extended+Payload+Module+CDR+Documentation	12/05/2004	https://biturl.com/qag6af	Obs-273	
Herschel/Planck satellite CDR documentation	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Herschel+Planck+satellite+CDR+Documentation	25/08/2004	https://biturl.com/v8t8tq	Obs-274	
Herschel/Planck satellite CDR presentations	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Herschel+Planck+satellite+CDR+presentations	24/08/2004	https://biturl.com/v8t8tq	Obs-275	
Herschel Telescope QBR documentation	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Herschel+Telescope+QBR+documentation	31/01/2004	https://biturl.com/v8t8tq	Obs-276	
Herschel Telescope QBR presentations	3	Observatory	Overview	Spacecraft		https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Herschel+Telescope+QBR+presentations	07/12/2004	https://biturl.com/v8t8tq	Obs-277	
SVM USER MANUAL - SATELLITE USERS MANUAL	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_0_Purpose_and_Scope_v4.pdf?mode=339977&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-278	ThalesAlenia
SVM USER MANUAL - INTRODUCTION AND MISSION DEFINITION	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_1_Introduction_to_the_Mission_Definition_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/rm9p54	Obs-279	ThalesAlenia
SVM USER MANUAL - SYSTEM DEFINITION	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_2_System_Definition_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-280	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_3_System_Level_Operations_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-281	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - CONTROL AND DATA MANAGEMENT SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_CDMU_LIM_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-282	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - ATTITUDE CONTROL AND MEASUREMENT SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_PCS_LIM_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-283	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - POWER CONTROL SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_PCS_LIM_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-284	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - REACTION CONTROL SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_4_RCS.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-285	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - TELEMETRY TRACKING AND COMMAND SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_5_TTC_LIM_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-286	ThalesAlenia
SVM USER MANUAL - SYSTEM LEVEL OPERATIONS - THERMAL CONTROL SUBSYSTEM	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_4_6_TCS_LIM_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-287	ThalesAlenia
SVM USER MANUAL - EXTRA PAYLOAD AND NON SVM EQUIPMENT	3	Observatory	Overview	Spacecraft	Restricted access	https://www.cosmos.esa.int/c/documentLibrary/get/entry/uuid/287f3396562/9319384/Chapter_5_Extra_Payload_Non_SVM_Equipment_v4.pdf?mode=338838&version=2	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-288	ThalesAlenia
Si William Herschel, 1738-1822	3	Observatory	Overview	William Herschel		http://www.britannica.com/EB11/Herschel/Si-William-Herschel	16/03/2000, v4.0	https://biturl.com/v8t8tq	Obs-289	
Naturalisation records: Making use of those unique records...just what can we find?	3	Observatory	Overview	William Herschel		https://www.familyhistory.co.uk/naturalisation-records-2/	2013	https://biturl.com/v8t8tq	Obs-290	
Investigation of the Power of the Prismatic Colours to Heat and Illuminate Objects	3	Observatory	Overview	William Herschel		https://www.royalsocietypublishing.org/doi/10.1098/rstb.1800.0012	1800	https://biturl.com/v8t8tq	Obs-291	
Experiments on the Refrangibility of the Invisible Rays of the Sun	3	Observatory	Overview	William Herschel		https://www.royalsocietypublishing.org/doi/10.1098/rstb.1800.0013	1804	https://biturl.com/v8t8tq	Obs-292	
Herschel bibliography	3	Observatory	Overview	William Herschel		https://www.royalsocietypublishing.org/doi/10.1098/rstb.1800.0013		https://biturl.com/v8t8tq	Obs-293	
Planck/Herschel-SPIRE Cross Calibration	3	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Planck+Herschel+SPIRE+Cross+Calibration	26/04/2007, v0.3	https://biturl.com/86872c	Obs-340	B. Schut & the Herschel/Planck Cross Calibration Group
Spectrometer cross-instrument splitter at HPE Forum 2011	3	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/Spectrometer+cross-instrument+splitter+at+HPE+Forum+2011	28/06/2011	https://biturl.com/86872c	Obs-341	Roland Varrak, David Teyssier,
AN ISOHOT-BASED LIST OF STANDARD STARS FOR HERSCHEL/PLANCK PHOTOMETRY	3	Observatory	Performance & Calibration	Calibration		https://www.cosmos.esa.int/documents/12133/1028864/AN+ISOHOT-BASED+LIST+OF+STANDARD+STARS+FOR+HERSCHEL/PLANCK+PHOTOMETRY	02/09/2006, v0.1	https://biturl.com/86872c	Obs-342	Cuba Kiki, Aida Mout, P. Abraham
Herschel legacy historical helium estimates page	3	Observatory	Performance & Calibration	Cyristal		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+legacy+historical+helium+estimates+page	18/09/2015, v1.0	https://biturl.com/v8t8tq	Obs-343	Various authors
Natural environment near the Sun/Earth-Moon L2 libration point	3	Observatory	Performance & Calibration	Environment		https://www.cosmos.esa.int/documents/12133/1028864/Natural+environment+near+the+Sun/Earth-Moon+L2+libration+point	September, 2000	https://biturl.com/v8t8tq	Obs-344	Steven W. Evans (Editor)
Herschel SIM Team pages	3	Observatory	Performance & Calibration	Environment		https://www.cosmos.esa.int/documents/12133/1028864/Herschel+SIM+Team+pages		https://biturl.com/v8t8tq	Obs-345	

MDC Weekly report 2010, week 23	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8540-OPS-DAM - Herschel Weekly Report - 2010CW23.pdf	18/06/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8540-OPS-DAM - Herschel Weekly Report - 2010CW23.pdf	https://bitvuyt.com/v82qr8/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 24	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8541-OPS-DAM - Herschel Weekly Report - 2010CW24.pdf	20/06/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8541-OPS-DAM - Herschel Weekly Report - 2010CW24.pdf	https://bitvuyt.com/vc9d9p/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 25	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8542-OPS-DAM - Herschel Weekly Report - 2010CW25.pdf	27/06/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8542-OPS-DAM - Herschel Weekly Report - 2010CW25.pdf	https://bitvuyt.com/vy4g7f/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 26	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8543-OPS-DAM - Herschel Weekly Report - 2010CW26.pdf	04/07/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8543-OPS-DAM - Herschel Weekly Report - 2010CW26.pdf	https://bitvuyt.com/vb4d6a/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 27	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8544-OPS-DAM - Herschel Weekly Report - 2010CW27.pdf	11/07/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8544-OPS-DAM - Herschel Weekly Report - 2010CW27.pdf	https://bitvuyt.com/v8mnmh/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 28	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8545-OPS-DAM - Herschel Weekly Report - 2010CW28.pdf	18/07/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8545-OPS-DAM - Herschel Weekly Report - 2010CW28.pdf	https://bitvuyt.com/v9h0uf/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 29	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8546-OPS-DAM - Herschel Weekly Report - 2010CW29.pdf	25/07/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8546-OPS-DAM - Herschel Weekly Report - 2010CW29.pdf	https://bitvuyt.com/v7n786v/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 30	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8547-OPS-DAM - Herschel Weekly Report - 2010CW30.pdf	01/08/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8547-OPS-DAM - Herschel Weekly Report - 2010CW30.pdf	https://bitvuyt.com/v7wamv/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 31	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8548-OPS-DAM - Herschel Weekly Report - 2010CW31.pdf	08/08/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8548-OPS-DAM - Herschel Weekly Report - 2010CW31.pdf	https://bitvuyt.com/v83u7v/	Obs-50	Micha Schmidt
FIRST ground segment and science operations concept (1998)	3	Observatory	Overview	Mission History		Proc. SPIE Vol. 3340, p. 317-318, Observing Operations to Optimize Scientific Return, Peter J. Quinn, Ed.	1998	https://www.spiedigitallibrary.org/conference-proceedings-of-spi/3340/1/317?proc=full	https://doi.org/10.1117/12.316501	Obs-51	Olaf H. Bauer et al.
MDC Weekly report 2010, week 32	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8550-OPS-DAM - Herschel Weekly Report - 2010CW32.pdf	15/08/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8550-OPS-DAM - Herschel Weekly Report - 2010CW32.pdf	https://bitvuyt.com/v8w08f/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 33	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8551-OPS-DAM - Herschel Weekly Report - 2010CW33.pdf	22/08/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8551-OPS-DAM - Herschel Weekly Report - 2010CW33.pdf	https://bitvuyt.com/vcpa8/	Obs-51	Micha Schmidt
MDC Weekly report 2010, week 34	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8552-OPS-DAM - Herschel Weekly Report - 2010CW34.pdf	29/08/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8552-OPS-DAM - Herschel Weekly Report - 2010CW34.pdf	https://bitvuyt.com/va85f3n/	Obs-52	Micha Schmidt
MDC Weekly report 2010, week 35	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8553-OPS-DAM - Herschel Weekly Report - 2010CW35.pdf	05/09/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8553-OPS-DAM - Herschel Weekly Report - 2010CW35.pdf	https://bitvuyt.com/v79k3o/	Obs-53	Micha Schmidt
MDC Weekly report 2010, week 36	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8554-OPS-DAM - Herschel Weekly Report - 2010CW36.pdf	12/09/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8554-OPS-DAM - Herschel Weekly Report - 2010CW36.pdf	https://bitvuyt.com/v8p0df/	Obs-54	Micha Schmidt
MDC Weekly report 2010, week 37	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8555-OPS-DAM - Herschel Weekly Report - 2010CW37.pdf	19/09/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8555-OPS-DAM - Herschel Weekly Report - 2010CW37.pdf	https://bitvuyt.com/v865mc/	Obs-55	Micha Schmidt
MDC Weekly report 2010, week 38	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8556-OPS-DAM - Herschel Weekly Report - 2010CW38.pdf	26/09/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8556-OPS-DAM - Herschel Weekly Report - 2010CW38.pdf	https://bitvuyt.com/v859wh/	Obs-56	Micha Schmidt
MDC Weekly report 2010, week 39	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8557-OPS-DAM - Herschel Weekly Report - 2010CW39.pdf	03/10/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8557-OPS-DAM - Herschel Weekly Report - 2010CW39.pdf	https://bitvuyt.com/v8p0df/	Obs-57	Micha Schmidt
MDC Weekly report 2010, week 40	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8558-OPS-DAM - Herschel Weekly Report - 2010CW40.pdf	10/10/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8558-OPS-DAM - Herschel Weekly Report - 2010CW40.pdf	https://bitvuyt.com/v83y6t/	Obs-58	Micha Schmidt
ESA FIRST comarable mission (2000)	3	Observatory	Overview	Mission History		ESA-SPR-001-018 - 138-153, Inv. Details and Science Tables and Tables, Mark A. Backlund, Peter J. Quinn, Ed.	2000	https://www.spiedigitallibrary.org/conference-proceedings-of-spi/3371/1/138?proc=full	https://doi.org/10.1117/12.320402	Obs-52	Goran Pilbram
MDC Weekly report 2010, week 42	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8560-OPS-DAM - Herschel Weekly Report - 2010CW42.pdf	24/10/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8560-OPS-DAM - Herschel Weekly Report - 2010CW42.pdf	https://bitvuyt.com/v8hul6/	Obs-50	Micha Schmidt
MDC Weekly report 2010, week 43	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8561-OPS-DAM - Herschel Weekly Report - 2010CW43.pdf	31/10/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8561-OPS-DAM - Herschel Weekly Report - 2010CW43.pdf	https://bitvuyt.com/v8w08f/	Obs-52	Micha Schmidt
MDC Weekly report 2010, week 44	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8562-OPS-DAM - Herschel Weekly Report - 2010CW44.pdf	07/11/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8562-OPS-DAM - Herschel Weekly Report - 2010CW44.pdf	https://bitvuyt.com/v8ap0z/	Obs-52	Micha Schmidt
MDC Weekly report 2010, week 45	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8563-OPS-DAM - Herschel Weekly Report - 2010CW45.pdf	14/11/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8563-OPS-DAM - Herschel Weekly Report - 2010CW45.pdf	https://bitvuyt.com/v8p0df/	Obs-53	Micha Schmidt
MDC Weekly report 2010, week 46	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8564-OPS-DAM - Herschel Weekly Report - 2010CW46.pdf	21/11/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8564-OPS-DAM - Herschel Weekly Report - 2010CW46.pdf	https://bitvuyt.com/v8hul6/	Obs-54	Micha Schmidt
MDC Weekly report 2010, week 47	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8565-OPS-DAM - Herschel Weekly Report - 2010CW47.pdf	28/11/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8565-OPS-DAM - Herschel Weekly Report - 2010CW47.pdf	https://bitvuyt.com/v8w08f/	Obs-55	Micha Schmidt
MDC Weekly report 2010, week 48	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8566-OPS-DAM - Herschel Weekly Report - 2010CW48.pdf	05/12/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8566-OPS-DAM - Herschel Weekly Report - 2010CW48.pdf	https://bitvuyt.com/v8p0df/	Obs-56	Micha Schmidt
MDC Weekly report 2010, week 49	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8567-OPS-DAM - Herschel Weekly Report - 2010CW49.pdf	12/12/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8567-OPS-DAM - Herschel Weekly Report - 2010CW49.pdf	https://bitvuyt.com/v8p0df/	Obs-57	Micha Schmidt
MDC Weekly report 2010, week 50	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8568-OPS-DAM - Herschel Weekly Report - 2010CW50.pdf	19/12/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8568-OPS-DAM - Herschel Weekly Report - 2010CW50.pdf	https://bitvuyt.com/v8p0df/	Obs-58	Micha Schmidt
MDC Weekly report 2010, week 51	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8569-OPS-DAM - Herschel Weekly Report - 2010CW51.pdf	26/12/2010, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8569-OPS-DAM - Herschel Weekly Report - 2010CW51.pdf	https://bitvuyt.com/v8p0df/	Obs-59	Micha Schmidt
FIRST/Planck program: current status (2000)	3	Observatory	Overview	Mission History		ESA-SPR-001-018 - 152-160, Inv. Details and Science Tables and Tables, Mark A. Backlund, Peter J. Quinn, Ed.	2000	https://www.spiedigitallibrary.org/conference-proceedings-of-spi/3371/1/152?proc=full	https://doi.org/10.1117/12.320401	Obs-53	Thomas Passvogel & Fabrizio Falci
MDC Weekly report 2011, week 1	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8571-OPS-DAM - Herschel Weekly Report - 2011CW2.pdf	02/01/2011, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8571-OPS-DAM - Herschel Weekly Report - 2011CW2.pdf	https://bitvuyt.com/v8hul6/	Obs-50	Micha Schmidt
MDC Weekly report 2011, week 2	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8572-OPS-DAM - Herschel Weekly Report - 2011CW3.pdf	09/01/2011, v1.0	https://www.cosmos.esa.int/documents/121331/391377/PT-HMDC-OPS-RR-8572-OPS-DAM - Herschel Weekly Report - 2011CW3.pdf	https://bitvuyt.com/v8p0df/	Obs-51	Micha Schmidt
MDC Weekly report 2011, week 3	3	Observatory	Overview	565	Uplink, downlink, spacecraft	PT-HMDC-OPS-RR-8573-OPS-DAM - Herschel Weekly Report - 2011CW4.pdf	16/01/2				

Cap Daily Report for 2009/07/01	3	Observatory	Overview	Cap	MDC-090701.pdf	01/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090701.pdf?mode=3&f=2&num=2	https://biturl.com/vbun8n	Obs-700	ESA Project Office
Cap Daily Report for 2009/07/02	3	Observatory	Overview	Cap	MDC-090702.pdf	02/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090702.pdf?mode=3&f=2&num=2	https://biturl.com/vb7nbcw	Obs-701	ESA Project Office
Cap Daily Report for 2009/07/03	3	Observatory	Overview	Cap	MDC-090703.pdf	03/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090703.pdf?mode=3&f=2&num=2	https://biturl.com/vetV0d4	Obs-702	ESA Project Office
Cap Daily Report for 2009/07/04	3	Observatory	Overview	Cap	MDC-090704.pdf	04/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090704.pdf?mode=3&f=2&num=2	https://biturl.com/va3d8d3	Obs-703	ESA Project Office
Cap Daily Report for 2009/07/05	3	Observatory	Overview	Cap	MDC-090705.pdf	05/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090705.pdf?mode=3&f=2&num=2	https://biturl.com/vb0m3c	Obs-704	ESA Project Office
Cap Daily Report for 2009/07/06	3	Observatory	Overview	Cap	MDC-090706.pdf	06/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090706.pdf?mode=3&f=2&num=2	https://biturl.com/v5o20d4	Obs-705	ESA Project Office
Cap Daily Report for 2009/07/09	3	Observatory	Overview	Cap	MDC-090709.pdf	09/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090709.pdf?mode=3&f=2&num=2	https://biturl.com/vu3z8f	Obs-706	ESA Project Office
Cap Daily Report for 2009/07/10	3	Observatory	Overview	Cap	MDC-090710.pdf	10/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090710.pdf?mode=3&f=2&num=2	https://biturl.com/va79Sug	Obs-707	ESA Project Office
Cap Daily Report for 2009/07/11	3	Observatory	Overview	Cap	MDC-090711.pdf	11/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090711.pdf?mode=3&f=2&num=2	https://biturl.com/va2h8d	Obs-708	ESA Project Office
Cap Daily Report for 2009/07/16	3	Observatory	Overview	Cap	MDC-090716.pdf	16/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090716.pdf?mode=3&f=2&num=2	https://biturl.com/v9557z	Obs-709	ESA Project Office
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 226	3	Observatory	Overview	Orbit	DAO 226	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090226.txt	https://biturl.com/v5oyp6	Obs-710	Gareth Williams
Cap Daily Report for 2009/07/17	3	Observatory	Overview	Cap	MDC-090717.pdf	17/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090717.pdf?mode=3&f=2&num=2	https://biturl.com/vb9p0z	Obs-710	ESA Project Office
Cap Daily Report for 2009/07/19	3	Observatory	Overview	Cap	MDC-090719.pdf	19/07/2009	https://ntrs.nasa.gov/cui/external/Fetch/2009/3171081/10/2172569793/3547268/MDC-090719.pdf?mode=3&f=2&num=2	https://biturl.com/va3d87z	Obs-711	ESA Project Office
Spacecraft Event log for ODs 1400 to 1449	3	Observatory	Overview	Operations	OD1400to1449.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1400to1449.pdf	https://biturl.com/vbmq7r	Obs-712	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1350 to 1399	3	Observatory	Overview	Operations	OD1350to1399.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1350to1399.pdf	https://biturl.com/vb8z4z	Obs-713	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1300 to 1349	3	Observatory	Overview	Operations	OD1300to1349.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1300to1349.pdf	https://biturl.com/vb9z7z	Obs-714	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1250 to 1299	3	Observatory	Overview	Operations	OD1250to1299.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1250to1299.pdf	https://biturl.com/vb9z6d	Obs-715	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1200 to 1249	3	Observatory	Overview	Operations	OD1200to1249.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1200to1249.pdf	https://biturl.com/vb9z7z	Obs-716	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1150 to 1199	3	Observatory	Overview	Operations	OD1150to1199.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1150to1199.pdf	https://biturl.com/vb9z6g7r	Obs-717	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1100 to 1149	3	Observatory	Overview	Operations	OD1100to1149.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1100to1149.pdf	https://biturl.com/vb9z7z	Obs-718	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 1050 to 1099	3	Observatory	Overview	Operations	OD1050to1099.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1050to1099.pdf	https://biturl.com/vb9z6d	Obs-719	Laurence O'Rourke, Anthony Marston & Mark Kidger
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 227	3	Observatory	Overview	Orbit	DAO 227	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090227.txt	https://biturl.com/vb9z6z	Obs-720	Gareth Williams
Spacecraft Event log for ODs 1000 to 1049	3	Observatory	Overview	Operations	OD1000to1049.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1000to1049.pdf	https://biturl.com/vb9z6z	Obs-720	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 950 to 999	3	Observatory	Overview	Operations	OD950to999.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs950to999.pdf	https://biturl.com/vb9z6z	Obs-721	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 900 to 949	3	Observatory	Overview	Operations	OD900to949.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs900to949.pdf	https://biturl.com/vb9z6z	Obs-722	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 850 to 899	3	Observatory	Overview	Operations	OD850to899.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs850to899.pdf	https://biturl.com/vb9z6z	Obs-723	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 800 to 849	3	Observatory	Overview	Operations	OD800to849.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs800to849.pdf	https://biturl.com/vb9z6z	Obs-724	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 750 to 799	3	Observatory	Overview	Operations	OD750to799.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs750to799.pdf	https://biturl.com/vb9z6z	Obs-725	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 700 to 749	3	Observatory	Overview	Operations	OD700to749.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs700to749.pdf	https://biturl.com/vb9z6z	Obs-726	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 650 to 699	3	Observatory	Overview	Operations	OD650to699.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs650to699.pdf	https://biturl.com/vb9z6z	Obs-727	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 600 to 649	3	Observatory	Overview	Operations	OD600to649.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs600to649.pdf	https://biturl.com/vb9z6z	Obs-728	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 550 to 599	3	Observatory	Overview	Operations	OD550to599.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs550to599.pdf	https://biturl.com/vb9z6z	Obs-729	Laurence O'Rourke, Anthony Marston & Mark Kidger
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 228	3	Observatory	Overview	Orbit	DAO 228	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090228.txt	https://biturl.com/vb9z6z	Obs-730	Gareth Williams
Spacecraft Event log for ODs 500 to 549	3	Observatory	Overview	Operations	OD500to549.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs500to549.pdf	https://biturl.com/vb9z6z	Obs-730	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 450 to 499	3	Observatory	Overview	Operations	OD450to499.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs450to499.pdf	https://biturl.com/vb9z6z	Obs-731	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 400 to 449	3	Observatory	Overview	Operations	OD400to449.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs400to449.pdf	https://biturl.com/vb9z6z	Obs-732	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 350 to 399	3	Observatory	Overview	Operations	OD350to399.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs350to399.pdf	https://biturl.com/vb9z6z	Obs-733	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 300 to 349	3	Observatory	Overview	Operations	OD300to349.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs300to349.pdf	https://biturl.com/vb9z6z	Obs-734	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 250 to 299	3	Observatory	Overview	Operations	OD250to299.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs250to299.pdf	https://biturl.com/vb9z6z	Obs-735	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 200 to 249	3	Observatory	Overview	Operations	OD200to249.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs200to249.pdf	https://biturl.com/vb9z6z	Obs-736	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 150 to 199	3	Observatory	Overview	Operations	OD150to199.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs150to199.pdf	https://biturl.com/vb9z6z	Obs-737	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 100 to 149	3	Observatory	Overview	Operations	OD100to149.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs100to149.pdf	https://biturl.com/vb9z6z	Obs-738	Laurence O'Rourke, Anthony Marston & Mark Kidger
Spacecraft Event log for ODs 47 to 99	3	Observatory	Overview	Operations	OD47to99.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs47to99.pdf	https://biturl.com/vb9z6z	Obs-739	Laurence O'Rourke, Anthony Marston & Mark Kidger
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 229	3	Observatory	Overview	Orbit	DAO 229	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090229.txt	https://biturl.com/vb9z6z	Obs-740	Gareth Williams
Spacecraft Event log for ODs 1 to OD65 Launch, LEOP & Commissioning Phase	3	Observatory	Overview	Operations	OD1toOD65.pdf	2016	https://www.cosmos.esa.int/documents/121331/402641/SpacecraftEventLogforODs1toOD65LaunchLEOPandCommissioningPhase.pdf	https://biturl.com/vb9z6z	Obs-740	Laurence O'Rourke, Anthony Marston & Mark Kidger
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 230	3	Observatory	Overview	Orbit	DAO 230	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090230.txt	https://biturl.com/vb9z6z	Obs-741	Gareth Williams
Minor Planet Center Distant Artificial Satellite Observation Circular DASO 231	3	Observatory	Overview	Orbit	DAO 231	22/05/2009	http://www.minorplanetcenter.net/iau/DASO/00000/DASO-090231.txt	https://biturl.com/vb9z6z	Obs-742	Gareth Williams
HFSD MOC3 Release Note	3	Observatory	Data Products	Telemetry	HFSD_MOC3_Release_Note	14/02/2010, v1.3	https://www.cosmos.esa.int/documents/121331/1028864/HFSD-Release-Note	https://biturl.com/vb9z6z	Obs-743	HFSD (100110100)
HPE Scripting Guide	3	Observatory	Data Processing	HPE						

Noise characterization of mini-maps processed with BeamX	2	PACS	Instrument	Calibration		Photometer	PCC-MA-TN-015	27/06/2018, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Noise+characterization+of+PACS+photometer+mini+maps+processed+with+BeamX	https://tinyurl.com/yf72hewt	PACS-228	U. Klaas & H. Liu
ADP Release Note: PACS Observation Summaries	2	PACS	Data products	Auxiliary Data Products	Science		PACS Observation Summaries ReadMe	19/05/2018	https://rtds.esac.esa.int/flux/AggADP/PACS/ObSummary+ReadMe	https://tinyurl.com/y9aw8vzc	PACS-229	PACS ICC
PACS Spectrometer Beam Efficiencies (Control Version document)	2	PACS	Calibration	Beams		Spectrometer	HEIRSHEL-HSC-TN-2112	01/07/2016, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Beam+Efficiencies+Control+Document	https://tinyurl.com/y8b8e1	PACS-33	EP with inputs from PACS ICC
ADP data: PACS Observation Summaries	2	PACS	Data products	Auxiliary Data Products	Science		Data 12.8 Mbytes	19/05/2018	https://rtds.esac.esa.int/flux/AggADP/PACS/ObSummary+ReadMe	https://tinyurl.com/y9ub3t3p	PACS-330	PACS ICC
Spectroscopy of Planetary Nebulae with Herschel: A Beginners Guide	2	PACS	Data processing	Data Analysis	Science		Galaxies 6, 7/1 2018	2018	https://www.mps.mpg.de/2018/04/16/7/7type-check_andits&version=1	https://doi.org/10.1006/jstsp.2007.030071	PACS-331	Karina Ester
HPDC PACS-3 Point Source Catalogue Explanatory Supplement	2	PACS	Data products	Highly Processed Data Products		Photometer	HPDC Explanatory Supplement	17/06/2017	https://rtds.esac.esa.int/flux/AggADP/PACS/HPDC+Explanatory+Supplement+v2.2.pdf	https://tinyurl.com/y8v8wzax	PACS-333	Gabriel Martin et al.
PACS Spectrometer beams	2	PACS	Calibration	Beams		Spectrometer	PACS Spec beams (zip) tar1	01/06/2015	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Beams	https://tinyurl.com/y79u0d	PACS-34	PACS ICC
PACS Spectroscopy beam efficiency tables (central spaxel)	2	PACS	Calibration	Beams		Spectrometer	PACS Spec beam efficiency tables (central spaxel)	01/07/2013	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Beam+Efficiency+Tables	https://tinyurl.com/y8v8wzax	PACS-35	PACS ICC
PACS Spectrometer beam efficiency tables	2	PACS	Calibration	Beams		Spectrometer	PACS Spec beam efficiency tables	01/07/2013, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Beam+Efficiency+Tables	https://tinyurl.com/y8v8wzax	PACS-36	PACS ICC
PSF kernels (for convolution)	2	PACS	Calibration	Beams		Bolometers	Princeton Web Site	Undated	https://www.cosmos.esa.int/documents/12133/1561728/Com+mon+Resolution+Convolution+Kernels+for+Space+and+Ground+Based+Observes	https://tinyurl.com/y8v8wzax	PACS-38	G. Aniano
Non-linearity correction module for the PACS photometer	2	PACS	Calibration	Bolometers	Artifacts, FluxCal	Photometer	PCC-NHSC-TB-031	01/02/2011, v0.2	https://www.cosmos.esa.int/documents/12133/996891/Non-linearity+Correction+Module+for+the+PACS+Photometer	https://tinyurl.com/y8v8wzax	PACS-39	Nicolas Billet
PACS spectroscopy flatfield correction	2	PACS	Calibration	Calibration	Flatfield	Spectrometer	PCC-KI-TN-045	28/06/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectroscopy+Flatfield+Correction	https://tinyurl.com/y8v8wzax	PACS-40	Bart Vandenbroucke, Alexandra Comari, Helmut Feuchtgriber, Katrin Ester, Christophe Jean, Abrariz Padgugli, Enea Paiva, Pierre Buser, Roland Vucelj
PACS Photometer Flat Field Measurement	2	PACS	Calibration	Calibration	Flatfield	Photometer	Sap-PACS-40-0736-14	14/03/2016, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+Flat+Field+Measurement	https://tinyurl.com/y8v8wzax	PACS-41	Koryo Okumura, Ulrich Klais
Saturation limits for the PACS photometer	2	PACS	Calibration	Calibration	FluxCal	Photometer	Sap-PACS-40-0800-08	22/07/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+Saturation+Limits	https://tinyurl.com/y8v8wzax	PACS-42	Marc Sauvage, Nicolas Billet, Koryo Okumura
Wavelength calibration of the PACS spectrometer during FAMILT	2	PACS	Calibration	Calibration	WaveCal	Spectrometer	Wavelength calibration of the PACS spectrometer during FAMILT (zip file)	12/02/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Wavelength+calibration+of+the+PACS+spectrometer+during+FAMILT	https://tinyurl.com/y738t8nk	PACS-43	Helmut Feuchtgriber
The PACS Calibration Framework	2	PACS	Calibration			Bolometers	The PACS Calibration Framework	24/07/2011, v1.3	https://www.cosmos.esa.int/documents/12133/996891/The+PACS+Calibration+Framework	https://tinyurl.com/y78v8zax	PACS-44	Rik Huygen
Calibration file history (short-spec)	2	PACS	Calibration	Calibration History		Bolometers	HSC-14-2	2016	https://www.cosmos.esa.int/documents/12133/996891/History+of+PACS+Calibration+Files+for+short-spec	https://tinyurl.com/y8v8wzax	PACS-45	Rik Huygen
PACS Routine Phase Calibration Plan	2	PACS	Calibration	Calibration Overview		Bolometers	PCC-MA-PL-002	08/05/2014, v0.01	https://www.cosmos.esa.int/documents/12133/996891/PACS+Routine+Phase+Calibration+Plan	https://tinyurl.com/y8v8wzax	PACS-46	Ulrich Klais
PACS Calibration Document Overview	2	PACS	Calibration	Calibration Overview		Bolometers	PCC-MA-11-003	27/12/2014, v1.10	https://www.cosmos.esa.int/documents/12133/996891/PACS+Calibration+Document+Overview	https://tinyurl.com/y8v8wzax	PACS-47	Ulrich Klais
PACS Calibration Document	2	PACS	Calibration	Calibration Overview		Bolometers	PACS-MA-05-001	28/12/2014, v1.10	https://www.cosmos.esa.int/documents/12133/996891/PACS+Calibration+Document	https://tinyurl.com/y8v8wzax	PACS-48	Ulrich Klais with input from PACS ICC
PACS Commissioning Phase Plan	2	PACS	Calibration	Calibration Plans		Bolometers	PCC-ME-PL-004	20/09/2009, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Commissioning+Phase+Plan	https://tinyurl.com/y8v8wzax	PACS-49	Helmut Feuchtgriber
PACS Commissioning Phase Timeline	2	PACS	Calibration	Calibration Plans		Bolometers	PCC-ME-PL-024 (jobdone) (url)	03/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Commissioning+Phase+Timeline	https://tinyurl.com/y8v8wzax	PACS-50	Ulrich Klais, Markus Neblock
PACS PV Phase Plan	2	PACS	Calibration	Calibration Plans		Bolometers	PCC-MA-BL-004	07/05/2014, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+PV+Phase+Plan	https://tinyurl.com/y8v8wzax	PACS-51	Ulrich Klais
Diff removal by means of alternating least squares with application to Herschel data	2	PACS	Data processing	Data Reduction			Signal Processing, vol. 108, pp. 430-439, 2011	2015	https://www.cosmos.esa.int/documents/12133/996891/Diff+removal+by+means+of+alternating+least+squares+with+application+to+Herschel+data	https://doi.org/10.1016/j.sigpro.2014.09.039	PACS-53	Piazzi, L. et al.
Zero-magnitude conversion for the PACS Photometer	2	PACS	Calibration	Flux Calibration		Photometer	PCC-MA-TN-021	01/07/2013, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Zero-magnitude+conversion+for+the+PACS+Photometer	https://tinyurl.com/y8v8wzax	PACS-60	Markus Neblock, Ulrich Klais
Spectrometer Flux Calibration Concept	2	PACS	Calibration	Flux Calibration		Spectrometer	PCC-KI-TN-014	11/03/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Flux+Calibration+Concept	https://tinyurl.com/y8v8wzax	PACS-61	Pierre Royer, Bart Vandenbroucke, Joris Bloemstraert
In-orbit rederivation of PACS photometer FOV distortion	2	PACS	Calibration	FluxCal		Photometer	PCC-ME-TN-044	18/02/2013, v0.1	https://www.cosmos.esa.int/documents/12133/996891/In-orbit+rederivation+of+PACS+photometer+FOV+distortion	https://tinyurl.com/y8v8wzax	PACS-66	Dieter Lutz, Helmut Feuchtgriber
PACS Observers' Manual	2	PACS	Overview	General	PACS Instrument	Bolometers	HEIRSHEL-HSC-DOC-0812	09/07/2013, v2.1.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Observers+Manual	https://tinyurl.com/y8v8wzax	PACS-70	PACS consortium
Technical note: telescope background model derivation in HPE	2	PACS	Calibration	Telescope Background	FluxCal	Spectrometer	Recreate the telescope background spectrum	01/06/2015	https://www.cosmos.esa.int/documents/12133/996891/Recreate+the+telescope+background+spectrum	https://tinyurl.com/y8v8wzax	PACS-74	Christophe Jean from Abrariz Padgugli model
A check for timing shifts of PACS photometer data vs. pointing product	2	PACS	Performance & Calibration	Pointing		Photometer	PCC-ME-TN-043	16/11/2012, v1.0	https://www.cosmos.esa.int/documents/12133/996891/A+check+for+timing+shifts+of+PACS+photometer+data+vs+pointing+product	https://tinyurl.com/y8v8wzax	PACS-75	Dieter Lutz
CEA Bolometer Arrays: the First Year in Space	2	PACS	Instrument	inFlight		Bolometer	CZ009P6 7741E 020	11/06/2010	https://www.cosmos.esa.int/documents/12133/996891/CEA+Bolometer+Arrays+the+First+Year+in+Space	http://doi.org/10.1117/12.856468	PACS-99	N. Billet et al.
NEP measurements of the PACS photometer on OD806	3	PACS	Calibration	inFlight		Bolometer	Sap-PACS-40-0729-11	28/08/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+NEP+measurements+of+the+PACS+photometer+on+OD806	https://tinyurl.com/y8v8wzax	PACS-101	Koryo Okumura
NEP measurements of the PACS photometer on OD463	3	PACS	Calibration	inFlight		Bolometer	Sap-PACS-40-0732-11	16/06/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+NEP+measurements+of+the+PACS+photometer+on+OD463	https://tinyurl.com/y8v8wzax	PACS-102	Koryo Okumura
PACS Photometer electric cross-talk analysis	3	PACS	Instrument	inFlight		Bolometer	Sap-PACS-40-0730-11	07/07/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+electric+cross+talk+analysis	https://tinyurl.com/y8v8wzax	PACS-103	Koryo Okumura
PACS Photometer time constant measurements on OD1-455 to 457	3	PACS	Instrument	inFlight		Bolometer	Sap-PACS-40-0733-11	16/06/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+time+constant+measurements+on+OD1-455+to+457	https://tinyurl.com/y8v8wzax	PACS-104	Koryo Okumura
PACS Photometer g/flux analysis on the electronics	3	PACS	Instrument	inFlight		Bolometer	Sap-PACS-40-0716-11	07/02/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+g+flux+analysis+on+the+electronics	https://tinyurl.com/y8v8wzax	PACS-105	Koryo Okumura
The drift of the bolometers gain	3	PACS	Instrument	inFlight		Bolometer	PCC-CR-TN-041	30/10/2008, v3.0	https://www.cosmos.esa.int/documents/12133/996891/The+drift+of+the+bolometers+gain	https://tinyurl.com/y8v8wzax	PACS-106	Sofiano Piazzi
Impact of seasonal changes on the telescope temperature on the PACS photometer	3	PACS	Instrument	inFlight		Bolometer	Sap-PACS-40-0709-09	04/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Impact+of+seasonal+changes+on+the+telescope+temperature+on+the+PACS+photometer	https://tinyurl.com/y8v8wzax	PACS-107	Marc Sauvage
Instrument background and red signal level	3	PACS	Instrument	inFlight		Photometer	Sap-PACS-40-0707-09	27/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Instrument+background+and+red+signal+level	https://tinyurl.com/y8v8wzax	PACS-108	Marc Sauvage, Koryo Okumura, Nicolas Billet
Wavelength calibration - readout circuit transfer function calibration	3	PACS	Calibration	inFlight		Bolometers	Sap-PACS-40-0705-09	22/06/2009, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Wavelength+calibration+-+readout+circuit+transfer+function+calibration	https://tinyurl.com/y8v8wzax	PACS-109	Marc Sauvage, Koryo Okumura, Nicolas Billet
PACS Photometer optimum bias monitoring	3	PACS	Calibration	inFlight		Bolometer, NEP	Sap-PACS-40-0731-12	31/08/2012, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Photometer+optimum+bias+monitoring	https://tinyurl.com/y8v8wzax	PACS-110	Koryo Okumura
Res. SPT510 Time Constants for Flux Changes in Spectroscopy	3	PACS	Instrument	Pre-flight testing	Calibration, GaGa	Spectrometer	PCC-KI-TB-010	18/09/2008, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Res.+SPT510+Time+Constants+for+Flux+Changes+in+Spectroscopy	https://tinyurl.com/y8v8wzax	PACS-111	Christophe Jean
Commissioning Phase SPT Analysis Report on Calibration Sources	3	PACS	Instrument	inFlight		CalSources	PCC-MA-TB-084	21/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Commissioning+Phase+SPT+Analysis+Report+on+Calibration+Sources	https://tinyurl.com/y8v8wzax	PACS-112	H. Dannerbauer, Ulrich Klais, Joris Bloemstraert, Markus Neblock & J. Schreiber
PACS Spectrometer Calibration Block - Implementation & Evaluation for pipeline and AOT testing	3	PACS	Calibration	AOT testing	Pipeline testing	Spectrometer	PCC-ME-GBP-000	16/05/2008, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+Calibration+Block+-+Implementation+and+Evaluation+for+pipeline+and+AOT+testing	https://tinyurl.com/y8v8wzax	PACS-113	T. G. Muller
PACS Chopper Stability Verification during CP	3	PACS	Instrument	inFlight		Bolometers	PCC-MA-TB-085	15/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Chopper+Stability+Verification+during+CP	https://tinyurl.com/y8v8wzax	PACS-114	J. Bouwman, Markus Neblock, Ulrich Klais
Analysis of Second Nominal NI-II Open Loop Aging Check of the PACS FMI Chopper during the Routine Science Phase	3	PACS	Instrument	inFlight		Bolometers	PCC-MA-TB-095	14/07/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Analysis+of+Second+Nominal+NI-II+Open+Loop+Aging+Check+of+the+PACS+FMI+Chopper+during+the+Routine+Science+Phase	https://tinyurl.com/y8v8wzax	PACS-115	Markus Neblock
PACS RSP - Chopper Open Loop Analysis Report	3	PACS	Instrument	inFlight		Chopper	PCC-MA-TB-090	28/06/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+RSP+-+Chopper+Open+Loop+Analysis+Report	https://tinyurl.com/y8v8wzax	PACS-116	Markus Neblock, Ulrich Klais
PACS Chopper Dynamic Behaviour Verification - H-GSP PAC CHP2.D1 - during CoP on June 1 2009	3	PACS	Instrument	inFlight		Bolometers	PCC-MA-TB-083	03/03/2004, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Chopper+Dynamic+Behaviour+Verification+-+H-GSP+PAC+CHP2.D1+-+during+Co			

PACS CIP - Chopper Open Loop Analysis Report	3	PACS	Instrument	inFlight	Chopper	Bolometers	PCC-MA-TR-088	24/06/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996891/AnalysisofMIRbolometers	https://tinyurl.com/vbraufw	PACS-118	Markus Netibock, Ulrich Klask, J. Bouwman
Chopper frequency optimisation in the point source AOT	3	PACS	Instrument	inFlight	Chopper, AOT	Bolometers	PCC-NHSC-TR-007	20/11/2009, v0.2	https://www.cosmos.esa.int/documents/12133/996891/ChopperFrequencyOptimisationinthePointSourceAOT	https://tinyurl.com/yd3kqfth	PACS-119	Nicolas Billet
Time constant after a flux change and signal dependence on chopping frequency	3	PACS	Instrument	inFlight	Chopper, Bolometer	Photometer	SA-PACS-MS-0770-09	21/09/2009, v2.1	https://www.cosmos.esa.int/documents/12133/996891/PhotometerTimeConstantafteraFluxChangeandSignalDependenceonChoppingFrequency	https://tinyurl.com/y74jancs	PACS-120	Mark Savage, Koryo Okumura
SEI rate in PACS DPU	3	PACS	Instrument	inFlight	DPU	Bolometers	PCC-CR-TR-045	27/06/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/TheRateofSecondaryElectronInteractionsintheDPU	https://tinyurl.com/y777moy	PACS-121	Stefano Pozzato
PACS spatial calibration files	3	PACS	Calibration	inFlight	FocalPlane	Bolometers	PCC-MA-TR-033	02/06/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-spatial-calibration-files	https://tinyurl.com/yb3qz8td	PACS-122	Dieter Lutz, Alessandro Contini
PACS Spatial coordinates cheat-sheet	3	PACS	Calibration	inFlight	FocalPlane	Bolometers	PCC-MA-TR-022	28/01/2011, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-spatial-coordinates-cheat-sheet	https://tinyurl.com/yb3qz8td	PACS-123	A. Contini & D. Lutz
Herschel-PACS Commissioning Phase GaGa Optimisation	3	PACS	Instrument	inFlight	GaGa	Spectrometer	PCC-RI-TR-023	17/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Herschel-PACS-Commissioning-Phase-GaGa-Optimization	https://tinyurl.com/yb3qz8td	PACS-125	F. Royer, K. Ester, J. Schreiber & J. Bouwman
PV analysis report: Calibration source emissivity and straylight	3	PACS	Calibration	inFlight	Straylight, CaSouras	Spectrometer	PCC-RI-TR-028	13/03/2010, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PV-analysis-report-calibration-source-emissivity-and-straylight	https://tinyurl.com/yb3qz8td	PACS-126	Kathline Ester, Pierre Royer
Spikes on the blue bolometer signal	3	PACS	Instrument	Pre-Flight testing	Bolo	Photometer	SA-PACS-MS-0676-08	28/04/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-MS-0676-08-PhotometerSpikesontheBlueBolometerSignal	https://tinyurl.com/y53aiuy	PACS-127	Koryo Okumura
The cold focal plane chopper of HERSCHEL/PACS instrument	3	PACS	Instrument	Pre-Flight testing	Chopper	Bolometers	PACS-SM-6279: Optomechanical Technology for Astronomy_627929-16 July 2009	06/07/2006	https://www.cosmos.esa.int/documents/12133/996891/PACS-SM-6279-Optomechanical-Technology-for-Astronomy-627929-16-July-2009	https://doi.org/10.1117/12.673271	PACS-128	D. Krause
Chopper FOC scan	3	PACS	Instrument	Pre-Flight testing	Chopper	Bolometers	PCC-MA-TR-066	14/02/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/AnalysisofPACSChopperCharacteristicsfortheFocalPlaneChopperFOCscan	https://doi.org/10.1117/12.673271	PACS-129	M. Netibock, U. Klask, J. Bouwman, H. Dannerbauer & J. Schreiber
PACS Ga-Ga Detector tuning during the PSP commissioning phase	3	PACS	Instrument	Pre-Flight testing	GaGa	Spectrometer	PCC-MA-TR-005	15/12/2008, v2.2	https://www.cosmos.esa.int/documents/12133/996891/PACS-Ga-Ga-Detector-Tuning-during-the-Herschel-space-Observatory-Commissioning-Phase	https://tinyurl.com/yb66yq7	PACS-130	J. Schreiber, Pierre Royer, H. Dannerbauer
Straylight on the internal calibration sources	3	PACS	Instrument	Pre-Flight testing	Straylight	Bolometers	SA-PACS-MS-0676-08	23/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Straylight-on-the-internal-calibration-sources	https://tinyurl.com/yb3qz8td	PACS-131	Koryo Okumura, Thomas Mueller
Calibration Product Guide (Pst)	3	PACS	Calibration	Products	Photometer	SA-PACS-EM-0720-11	12/02/2010, v0.01	https://www.cosmos.esa.int/documents/12133/996891/PhotometerCalibrationProductGuide	https://tinyurl.com/y5e7m2s	PACS-132	B. Mann	
PACS Instrument Description Document II	3	PACS	Instrument		Bolometers	PCC-ME-DR-000-0part 1	10/11/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-Instrument-Description-Documents-Part-1	https://tinyurl.com/yb3qz8td	PACS-136	D. Bauer	
PACS Instrument Description Document III	3	PACS	Instrument		Bolometers	PCC-ME-DR-000-0part 3	21/12/2009, v1.01	https://www.cosmos.esa.int/documents/12133/996891/PACS-Instrument-Description-Documents-Part-3	https://tinyurl.com/y7ohs0w	PACS-137	D. Bauer	
Photometric calibration products - version tracking	3	PACS	Calibration		Photometer	SA-PACS-EM-0721-11	22/03/2010, v1.01	https://www.cosmos.esa.int/documents/12133/996891/Photometric-Calibration-Products-Version-Tracking	https://tinyurl.com/yb3qz8td	PACS-138	B. Mann, K. Okumura, M. Savage & H. Aussel	
PACS sky fields and double sources for photometer spatial calibration	3	PACS	Calibration		Photometer	PCC-MA-TR-035	27/07/2009, v2.7	https://www.cosmos.esa.int/documents/12133/996891/PACS-sky-fields-and-double-sources-for-photometer-spatial-calibration	https://tinyurl.com/yb3qz8td	PACS-139	Markus Netibock, Dieter Lutz, Babar Ali, Thomas Mueller & Ulrich Klask	
Detecting and flagging saturated pixels in the PACS pipeline	3	PACS	Data processing		Photometer	SA-PACS-MS-0700-09	10/02/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Detecting-and-flagging-saturated-pixels-in-the-PACS-pipeline	https://tinyurl.com/yb3qz8td	PACS-140	Mark Savage	
QSOs, NGCs, and ULIRISs for PACS pointing calibration	3	PACS	Calibration		Bolometers	PCC-MA-TR-004	26/05/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/QSOs-NGCs-and-ULIRISs-for-PACS-pointing-calibration	https://tinyurl.com/y7m0y8r	PACS-141	H. Dannerbauer, Ulrich Klask, Markus Netibock	
Use of beams for PACS spatial calibration	3	PACS	Calibration		Bolometers	PCC-MA-TR-026	01/02/2008, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Use-of-beams-for-PACS-spatial-calibration	https://tinyurl.com/yb3qz8td	PACS-142	Dieter Lutz	
Bright, isolated FIR sources for locating the PACS bolometers	3	PACS	Calibration		Photometer	PCC-MA-TR-023	25/11/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Bright-isolated-FIR-sources-for-locating-the-PACS-bolometers	https://tinyurl.com/yb3qz8td	PACS-143	Dieter Lutz	
Flux estimates (in-orbit and OSSE)	3	PACS	Calibration		Bolometers	PCC-RI-TR-001	10/11/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Flux-estimates-in-orbit-and-OSSE	https://tinyurl.com/y748sna	PACS-144	Martin Groenewegen	
OSSE hole masks for LT testing	3	PACS	Instrument		Bolometers	PCC-MA-TR-032	17/01/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/OSSE-hole-masks-for-LT-testing	https://tinyurl.com/yb3qz8td	PACS-145	Dieter Lutz, Koryo Okumura	
Contract of observations with punched masks in PACS ILT	3	PACS	Instrument				26/12/2002, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Contract-of-observations-with-punched-masks-in-PACS-ILT	https://tinyurl.com/yb3qz8td	PACS-146	Dieter Lutz	
Pointing Offset Correction pipeline Rowchart	3	PACS	Data processing		Spectrometer	Pointing Offset Correction pipeline Rowchart	2006		https://tinyurl.com/yb3qz8td	PACS-151	J. Bouwman	
Pointing Offset Correction pipeline tasks	3	PACS	Data processing		Spectrometer	Pointing Offset Correction pipeline tasks	01/11/2015, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Pointing-Offset-Correction-pipeline-tasks	https://tinyurl.com/yb3qz8td	PACS-152	J. Schreiber	
DPU on-board software users manual	3	PACS	Instrument		Bolometers	PACS-CR-ILM-024	11/06/2009, v3.0	https://www.cosmos.esa.int/documents/12133/996891/DPU-on-board-software-users-manual	https://tinyurl.com/y73b28e	PACS-154	Stefano Pozzato	
PACS FM Photometry focal plane units users manual	3	PACS	Instrument		Photometer	SA-PACS-MS-0816-06	25/02/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-FM-Photometry-focal-plane-units-users-manual	https://tinyurl.com/yb3qz8td	PACS-155	Mark Savage	
DPC/MEC Users Manual	3	PACS	Instrument		Bolometers	PACS-CL-DR-002	20/09/2010, v5.0	https://www.cosmos.esa.int/documents/12133/996891/DPC-MEC-Users-Manual	https://tinyurl.com/yb3qz8td	PACS-156	PACS ICC	
Functional and Performance Test of PACS Internal Calibration Sources during cold FM ILT	3	PACS	Instrument		Bolometers	PCC-MA-TR-033	05/11/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Functional-and-Performance-Test-of-PACS-Internal-Calibration-Sources-during-cold-FM-ILT-PTD-0-1-13x2-C-PTD-0-7-1-2-and-PTD-0-3	https://tinyurl.com/y7m0y8r	PACS-157	H. Dannerbauer, U. Klask, J. Bouwman, M. Netibock & J. Schreiber	
Angular Calibration and Zero Point Offset Determination of PACS FM1 Chopper at Hot	3	PACS	Instrument		Bolometers	PCC-MA-TR-021	16/07/2007, v2.4	https://www.cosmos.esa.int/documents/12133/996891/Angular-Calibration-and-Zero-Point-Offset-Determination-of-PACS-FM1-Chopper-at-Hot	https://tinyurl.com/y748sna	PACS-158	M. Netibock, U. Klask, J. Bouwman, H. Dannerbauer & J. Schreiber	
HERSCHEL/PACS SPU HS2W User Manual	3	PACS	Instrument		Bolometers	PACS-TW-HM-002	18/02/2009, v1.96	https://www.cosmos.esa.int/documents/12133/996891/HERSCHEL-PACS-SPU-HS2W-Users-Manual	https://tinyurl.com/yb3qz8td	PACS-159	Ottensmair & Christian Reiners	
HERSCHEL/PACS SPU HIGH LEVELS SOFTWARE Specification Document	3	PACS	Instrument		Bolometers	PACS-TW-ES-001	05/11/2007, v4.6	https://www.cosmos.esa.int/documents/12133/996891/HERSCHEL-PACS-SPU-High-Level-Software-Specification-Documents	https://tinyurl.com/y748sna	PACS-160	A. N. Belbachir, A. Ottensmair, C. Reiners	
PACS OBCN and DMC Sequences	3	PACS	Instrument		Bolometers	PACS-ML-IL-005	14/04/2010, v2.2	https://www.cosmos.esa.int/documents/12133/996891/PACS-OB-CN-and-DMC-Sequences	https://tinyurl.com/yb3qz8td	PACS-161	H. Feuchtinger	
Preparing ADTs for the PACS photometer	3	PACS	Instrument		Photometer	SA-PACS-MS-0386-03	01/12/2005, v2.1	https://www.cosmos.esa.int/documents/12133/996891/Preparing-ADTs-for-the-PACS-photometer	https://tinyurl.com/yb3qz8td	PACS-162	Mark Savage, Koryo Okumura	
PACS photometric check MADmap vs photoproact	3	PACS	Data processing		Photometer	PCC-NHSC-TR-029	02/11/2010, v2.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-photometric-check-MADmap-vs-Photoproact	https://tinyurl.com/yb3qz8td	PACS-163	Nicolas Billet & Babar Ali	
PACS Performance Verification Photometer Point Source AOT Evaluation - differed vs. non-differed. Test case - asteroid 360 Carola	3	PACS	Instrument		Photometer	PCC-MA-TR-006	02/11/2009, v2.3	https://www.cosmos.esa.int/documents/12133/996891/PACS-Performance-Verification-Photometer-Point-Source-AOT-Evaluation-differed-vs-non-differed-Test-case-asteroid-360-Carola	https://tinyurl.com/y748sna	PACS-164	Markus Netibock & Ulrich Klask	
MADmap user's guide	3	PACS	Data processing		Photometer	PACS-NHSC-TR-026	18/04/2010, v0.1	https://www.cosmos.esa.int/documents/12133/996891/MADmap-Users-Guide	https://tinyurl.com/yb3qz8td	PACS-165	Babar Ali	
In-orbit cross-talk in the PACS photometer	3	PACS	Instrument		Photometer	PCC-MA-TR-034	25/09/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996891/In-orbit-cross-talk-in-the-PACS-photometer	https://tinyurl.com/yb3qz8td	PACS-166	Dieter Lutz	
Photometer point source sensitivity at different scan speeds	3	PACS	Calibration		Photometer	PCC-MA-TR-032	12/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Photometer-point-source-sensitivity-at-different-scan-speeds	https://tinyurl.com/yb3qz8td	PACS-167	Dieter Lutz	
Photometry red channel cross-talk	3	PACS	Instrument		Photometer	PCC-NHSC-TR-013	15/03/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Photometry-red-channel-cross-talk	https://tinyurl.com/yb3qz8td	PACS-168	Babar Ali	
MADmap processing	3	PACS	Data processing		Photometer	PCC-NHSC-TR-024	21/09/2009, v0.1	https://www.cosmos.esa.int/documents/12133/996891/MADmap-processing	https://tinyurl.com/yb3qz8td	PACS-169	Babar Ali	
Photometer SPG during CP	3	PACS	Instrument		Photometer	SA-PACS-MS-0727	06/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Photometer-SPG-during-CP	https://tinyurl.com/yb3qz8td	PACS-170	Koryo Okumura	
PACS FM (ILT, IST, TVTB, CDP) Short Performance Test: PACS Setup of Photometry	3	PACS	Instrument		Photometer	PACS-ILT-IST-TVTB-CDP-Short-Performance-Test-PACS-Setup-of-Photometry	07/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-FM-ILT-IST-TVTB-CDP-Short-Performance-Test-PACS-Setup-of-Photometry	https://tinyurl.com/yb3qz8td	PACS-171	Thomas Mueller	
PACS FM (ILT, IST, TVTB, CDP) Short Performance Test: S18 Test of internal calibration sources in photometry	3	PACS	Instrument		Photometer	PACS-ILT-IST-TVTB-CDP-Short-Performance-Test-S18-Test-of-internal-calibration-sources-in-photometry	07/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-FM-ILT-IST-TVTB-CDP-Short-Performance-Test-S18-Test-of-internal-calibration-sources-in-photometry	https://tinyurl.com/y75pods	PACS-172	Thomas Mueller	
PACS FM (ILT, IST, TVTB, CDP) Full Functional Test: 413 Thermal Behaviour in Photometry	3	PACS	Instrument		Photometer	PACS-ILT-IST-TVTB-CDP-Full-Functional-Test-413-Thermal-Behaviour-in-Photometry	03/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-FM-ILT-IST-TVTB-CDP-Full-Functional-Test-413-Thermal-Behaviour-in-Photometry	https://tinyurl.com/yb3qz8td	PACS-173	Thomas Mueller	
PACS FM (ILT, IST, TVTB, CDP) Full Functional Test: 405 Thermal Behaviour in Spectroscopy	3	PACS	Instrument		Spectrometer	PACS-ILT-IST-TVTB-CDP-Full-Functional-Test-405-Thermal-Behaviour-in-Spectroscopy	01/07/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-FM-ILT-IST-TVTB-CDP-Full-Functional-Test-405-Thermal-Behaviour-in-Spectroscopy	https://tinyurl.com/yb3qz8td	PACS-174	Thomas Mueller	

PACS FM ILT, IST, TVB, CoP Short Performance Test: S24 Test Pattern Photography	3	PACS	Instrument	Photometer	PACS Test Analysis Report FM ILT, CoP Short Performance Test: S24 Test Pattern Photography	25/06/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Test+Pattern+Photometry	https://tinyurl.com/7u2d4E	PACS-175	Thomas Mueller
Full Functional Test and Short Performance Test cooler report	3	PACS	Instrument	Bolometers	Ssp_PACS_M5_0704_09	14/06/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Full+functional+Test+and+Short+Performance+Test+cooler+report	https://tinyurl.com/8qa5Sg	PACS-178	Marc Sauvage
PACS Test analysis reports FM-ILT Part I	3	PACS	Instrument	Bolometers	PCC-ME-TR-006	25/05/2007, v0.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Test+Analysis+Report+FM+ILT+Part+I	https://tinyurl.com/8b39ak	PACS-179	PACS ICC
PACS Test analysis reports FM-ILT Part II	3	PACS	Instrument	Bolometers	PCC-ME-TR-006	12/11/2007, v0.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Test+Analysis+Report+FM+ILT+Part+II	https://tinyurl.com/8V9jht	PACS-180	PACS ICC
PACS Test analysis reports FM-ILT Part III	3	PACS	Instrument	Bolometers	PCC-ME-TR-006	12/11/2007, v0.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Test+Analysis+Report+FM+ILT+Part+III	https://tinyurl.com/8V9jht	PACS-181	PACS ICC
Linearity of detector ramps during ILT	3	PACS	Instrument	Spectrometer	PCC-MA-TR-045	11/05/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Linearity+of+detector+ramps+during+ILT	https://tinyurl.com/vd9zTq	PACS-182	J. Bouman, Ulrich Klau, J. Schreiber, H. Dannebauer, Markus Nelbock
Comparison between photoject and MOPEX	3	PACS	Data processing	Photometer	PCC-NHSC-TR-003	20/08/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Comparison+between+photoject+and+MOPEX	https://tinyurl.com/y6j8Dz	PACS-183	D. Frayer
Noise characteristics of detector ramps during ILT	3	PACS	Instrument	Spectrometer	PCC-MA-TR-044	08/05/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Noise+characteristics+of+detector+ramps+during+ILT	https://tinyurl.com/y8b4Dz	PACS-184	J. Bouman, Ulrich Klau, J. Schreiber, H. Dannebauer, Markus Nelbock
Basic Drive Parameters of PACS FM1 Chopper From FM ILT measurements at Room Temperature	3	PACS	Instrument	Bolometers	PCC-MA-TR-034	18/09/2007, v2.0	https://www.cosmos.esa.int/documents/12133/996891/Basic+Drive+Parameters+of+PACS+FM1+Chopper+from+ILT+measurements+at+Room+Temperature	https://tinyurl.com/y9u4Dz	PACS-185	Markus Nelbock, Ulrich Klau, J. Schreiber, H. Dannebauer, JB
IMT511 Internal Calibration Sources Performance during cold FM ILT/IST	3	PACS	Instrument	Bolometers	PCC-MA-TR-032	26/10/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Internal+Calibration+Sources+Performance+during+cold+FM+ILT+IST	https://tinyurl.com/y8d4Dz	PACS-187	H. Dannebauer, Ulrich Klau, J. Schreiber & Koryo Okumura
Summary of Warm and Cold Short Functional Tests of PACS FS Chopper during FM ILT	3	PACS	Instrument	Bolometers	PCC-MA-TR-016	05/03/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Summary+of+Warm+and+Cold+Short+Functional+Tests+of+PACS+FS+Chopper+during+FM+ILT	https://tinyurl.com/y8b4Dz	PACS-188	Markus Nelbock, H. Dannebauer, Ulrich Klau, J. Schreiber
Analysis of Warm Short Functional Tests (WSFT) of the PACS Chopper on Integrated System Level	3	PACS	Instrument	Bolometers	PCC-MA-TR-042	20/02/2007, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Analysis+of+Warm+Short+Functional+Tests+of+the+PACS+Chopper+on+Integrated+System+Level	https://tinyurl.com/y8q4Dz	PACS-189	Markus Nelbock, Ulrich Klau, J. Bouman, H. Dannebauer, J. Schreiber
Dynamic Range per Selected Integration Capacitor Resist and Saturation Levels of Ge/Ga Detector Ramps	3	PACS	Instrument	Bolometers	PCC-MA-TR-043	06/05/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Dynamic+Range+per+Selected+Integration+Capacitor+Resist+and+Saturation+Levels+of+Ge+Ga+Detector+Ramps	https://tinyurl.com/y785Dz	PACS-190	Ulrich Klau, Joris Bloemstam, J. Schreiber, Caba Kis, ADA Moor, H. Dannebauer, Markus Nelbock
FM ILT3 Spectrometer Spatial Calibration	3	PACS	Calibration	Spectrometer	PACS Test Analysis Report FM ILT3	21/12/2007, v.x	https://www.cosmos.esa.int/documents/12133/996891/FM+ILT3+Spectrometer+Spatial+Calibration	https://tinyurl.com/y9u4Dz	PACS-191	Alexandra Contura
OSSE Spots Observed from FOV Chopper Scans	3	PACS	Instrument	Bolometers	PCC-NHSC-TR-010	12/12/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/OSSE+Spots+Observed+from+FOV+Chopper+Scans	https://tinyurl.com/y8S5Dz	PACS-192	D. Frayer, Babar Ali, Doris Felder, Phil Appleton
CRK check-out voltage test during ILT	3	PACS	Instrument	Spectrometer	PCC-MA-TR-020	06/05/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/CRK+check+out+voltage+test+during+ILT	https://tinyurl.com/y6j8Dz	PACS-193	J. Bouman, Ulrich Klau, J. Schreiber, H. Dannebauer, Markus Nelbock
Cooler behavior during FM ILT	3	PACS	Instrument	Bolometers	Ssp_PACS_M5_0605_07	10/11/2007, v2.0	https://www.cosmos.esa.int/documents/12133/996891/Cooler+behavior+during+FM+ILT	https://tinyurl.com/y8u4Dz	PACS-194	Marc Sauvage
Functional and performance test of PACS internal calibration sources during cold FMILT	3	PACS	Instrument	Photometer	PCC-MA-TR-033	05/11/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Functional+and+performance+test+of+PACS+internal+calibration+sources+during+cold+FM+ILT	https://tinyurl.com/y8j8Dz	PACS-195	H. Dannebauer, Ulrich Klau, Joris Bloemstam, Markus Nelbock & J. Schreiber
IMT511 Internal Calibration Sources Performance during cold FM ILT/IST	3	PACS	Instrument	Bolometers	PCC-MA-TR-032	26/10/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Internal+Calibration+Sources+Performance+during+cold+FM+ILT+IST	https://tinyurl.com/y8b4Dz	PACS-196	H. Dannebauer, Ulrich Klau, Joris Bloemstam, Markus Nelbock & J. Schreiber
Chopper Synchronous Operation with Ge/Ga Detectors	3	PACS	Instrument	Bolometers	PCC-MA-TR-041	26/10/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Chopper+Synchronous+Operation+with+Ge+Ga+Detectors	https://tinyurl.com/y9q4Dz	PACS-197	J. Schreiber, Ulrich Klau, H. Dannebauer, Markus Nelbock, J. Bouman
IMT 504 Chopper Performance Test during cold FM-ILT/IST	3	PACS	Instrument	Bolometers	PCC-MA-TR-031	25/09/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/IMT+504+Chopper+Performance+Test+during+cold+FM+ILT+IST	https://tinyurl.com/y8y4Dz	PACS-198	J. Bouman, Ulrich Klau, Markus Nelbock, H. Dannebauer, J. Schreiber
Bolometer Spatial calibration	3	PACS	Instrument	Photometer	Ssp_Spatial_Cal	21/10/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Bolometer+Spatial+Calibration	https://tinyurl.com/y8b4Dz	PACS-199	Dexter Lutz & Paolo Pappas
Optimum Detector Bias Settings for Ge/Ga Detectors, Time Constant Bias Change Spectrometer from FM-ILT/IST	3	PACS	Instrument	Spectrometer	PCC-MA-TR-247	02/06/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Optimum+Detector+Bias+Settings+for+Ge+Ga+Detectors+Time+Constant+Bias+Change+Spectrometer+from+FM+ILT+IST	https://tinyurl.com/y6b4Dz	PACS-200	J. Schreiber, Ulrich Klau, H. Dannebauer, Markus Nelbock, J. Bouman
Dark current of Ge/Ga Detectors from FMILT	3	PACS	Instrument	Spectrometer	PCC-MA-TR-029	25/09/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Dark+current+of+Ge+Ga+Detectors+from+FM+ILT	https://tinyurl.com/y6j8Dz	PACS-201	J. Schreiber, Ulrich Klau, H. Dannebauer, Markus Nelbock, J. Bouman
IMT 504 Chopper Performance Test during cold FM-ILT/IST	3	PACS	Instrument	Bolometers	PCC-MA-TR-033	25/09/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/IMT+504+Chopper+Performance+Test+during+cold+FM+ILT+IST	https://tinyurl.com/y8q4Dz	PACS-202	J. Bouman, Ulrich Klau, Markus Nelbock, H. Dannebauer, J. Schreiber
Switch-On bolometer Current Stability	3	PACS	Instrument	Photometer	PCC-NHSC-TR-005	04/09/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Switch+On+bolometer+Current+Stability	https://tinyurl.com/y6q4Dz	PACS-203	D. Frayer, Marc Sauvage, Koryo Okumura, Babar Ali
Bolometer FOV Chopper Scans	3	PACS	Instrument	Photometer	PCC-NHSC-TR-002	04/09/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Bolometer+FOV+Chopper+Scans	https://tinyurl.com/y8j8Dz	PACS-204	Babar Ali, D. Frayer, Phil Appleton, J. Schreiber
Spectrometer NEP during FM-ILT3	3	PACS	Instrument	Spectrometer	PCC-NHSC-TR-008	12/09/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Spectrometer+NEP+during+FM+ILT3	https://tinyurl.com/y9j8Dz	PACS-205	D. Frayer, Phil Appleton
Dark Current of Ge/Ga Detectors from FM-ILT/IST	3	PACS	Instrument	Spectrometer	PCC-MA-TR-026	20/08/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Dark+Current+of+Ge+Ga+Detectors+from+FM+ILT+IST	https://tinyurl.com/y8j8Dz	PACS-207	J. Schreiber, Ulrich Klau, H. Dannebauer, Markus Nelbock, J. Bouman
Spectrometer Field of View Scan during FM-ILT/IST	3	PACS	Instrument	Spectrometer	PCC-MA-TR-028	04/11/2007, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Spectrometer+Field+of+View+Scan+during+FM+ILT+IST	https://tinyurl.com/y9j8Dz	PACS-208	J. Schreiber, Ulrich Klau, H. Dannebauer, Markus Nelbock, J. Bouman
Basic Drive Parameters of PACS FS Chopper, Specific Torque, Open Loop Oscillation Frequency and Damping Rate	3	PACS	Instrument	Bolometers	PCC-MA-TR-013	02/08/2007, v2.0	https://www.cosmos.esa.int/documents/12133/996891/Basic+Drive+Parameters+of+PACS+FS+Chopper+Specific+Torque+Open+Loop+Oscillation+Frequency+and+Damping+Rate	https://tinyurl.com/y9u4Dz	PACS-209	Ulrich Klau, J. Schreiber, Markus Nelbock, H. Dannebauer, Joris Bloemstam
Angular Calibration and Zero Point Offset Determination of PACS FS Chopper at He II	3	PACS	Instrument	Bolometers	PCC-MA-TR-009	02/08/2007, v2.0	https://www.cosmos.esa.int/documents/12133/996891/Angular+Calibration+and+Zero+Point+Offset+Determination+of+PACS+FS+Chopper+at+He+II	https://tinyurl.com/y9q4Dz	PACS-210	Ulrich Klau, J. Schreiber, Markus Nelbock, H. Dannebauer, Joris Bloemstam
Basic Drive Parameters of PACS FM1 Chopper, Specific Torque, Open Loop Oscillation Frequency and Damping Rate	3	PACS	Instrument	Bolometers	PCC-MA-TR-023	10/07/2007, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Basic+Drive+Parameters+of+PACS+FM1+Chopper+Specific+Torque+Open+Loop+Oscillation+Frequency+and+Damping+Rate	https://tinyurl.com/y5f8Dz	PACS-211	Markus Nelbock, Ulrich Klau, J. Schreiber, H. Dannebauer, JB
Performance of the DDCS mode with an alternate sequencer	3	PACS	Instrument	Photometer	Ssp_PACS_M5_0603_07	26/07/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Performance+of+the+DDCS+mode+with+an+alternate+sequencer	https://tinyurl.com/y6j8Dz	PACS-213	Marc Sauvage, Koryo Okumura
Thermal Behaviour Tests During FM-ILT: SPXC & PHOT	3	PACS	Instrument	Bolometers	PCC-ME-TR-002	24/07/2007, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Thermal+Behaviour+Tests+during+FM+ILT+SPXC+PHOT	https://tinyurl.com/y8j8Dz	PACS-214	Thomas Mueller
Bolometer Spatial Calibration	3	PACS	Instrument	Photometer	PACS Test Analysis Report FM ILT Bol_Spatial_Cal	03/07/2007, v0.0	https://www.cosmos.esa.int/documents/12133/996891/Bolometer+Spatial+Calibration	https://tinyurl.com/y8j8Dz	PACS-215	Dexter Lutz
Angular Calibration and Zero Point Offset Determination of PACS FM1 Chopper	3	PACS	Instrument	Bolometers	PCC-MA-TR-020	03/07/2007, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Angular+Calibration+and+Zero+Point+Offset+Determination+of+PACS+FM1+Chopper	https://tinyurl.com/y8j8Dz	PACS-216	Markus Nelbock, Ulrich Klau, J. Bouman, H. Dannebauer, J. Schreiber
FM-ILT 2 Spectrometer Spatial Calibration	3	PACS	Instrument	Spectrometer	FM-ILT 2 Spectrometer Spatial Calibration	06/06/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/FM+ILT+2+Spectrometer+Spatial+Calibration	https://tinyurl.com/y9j8Dz	PACS-217	Alexandra Contura
Some plots from March 2007 tests related to bolometer PSF	3	PACS	Instrument	Photometer	PCC-ME-TR-020	03/06/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Some+plots+from+March+2007+tests+related+to+bolometer+PSF	https://tinyurl.com/y6j8Dz	PACS-218	Dexter Lutz
DEC/MEC Housekeeping Calibration Report	3	PACS	Instrument	Bolometers	PACS FS-001	04/04/2007, v1.11	https://www.cosmos.esa.int/documents/12133/996891/DEC+MEC+Housekeeping+Calibration+Report	https://tinyurl.com/y8j8Dz	PACS-219	Al Gillis, A. Mary, E. Cellis, E. Renette
Switch-on bolometer current stability	3	PACS	Instrument	Spectrometer	PCC-NHSC	23/08/2007, v0.9	https://www.cosmos.esa.int/documents/12133/996891/Switch+on+bolometer+current+stability	https://tinyurl.com/y9j8Dz	PACS-220	D. Frayer, Marc Sauvage, Koryo Okumura, Babar Ali
Thermal Behaviour Tests During FM-ILT: SPXC & PHOT	3	PACS	Instrument	Bolometers	PCC-ME-TR-002	21/08/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Thermal+Behaviour+Tests+during+FM+ILT+SPXC+PHOT	https://tinyurl.com/y8j8Dz	PACS-221	Thomas Mueller
Angular Calibration and Zero Point Offset FM1 Chopper HeII	3	PACS	Instrument	Bolometers	PCC-MA-TR-021	08/03/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Angular+Calibration+and+Zero+Point+Offset+FM1+Chopper+HeII	https://tinyurl.com/y8j8Dz	PACS-222	Markus Nelbock, Ulrich Klau, H. Dannebauer, J. Schreiber
Wavelength Calibration of FM ILT Phase 1	3	PACS	Instrument	Spectrometer	Calibration Analysis Report PFD 4.3.1	12/02/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Wavelength+Calibration+of+FM+ILT+Phase+1	https://tinyurl.com/y8j8Dz	PACS-223	Helfmut Feuchtmayer
Basic bias and non-linearity	3	PACS	Instrument	Photometer	PACS Test Analysis Report FM ILT Req. 1.0.0.v01 and VML010 calibration FM ILT report	17/05/2007, v0.9	https://www.cosmos.esa.int/documents/12133/996891/Basic+bias+and+non-linearity	https://tinyurl.com/y9j8Dz	PACS-224	Nicolas Billot, Koryo Okumura
Bolometer FOV Chopper Scans	3	PACS	Instrument	Photometer	PCC-NHSC-TR-002	10/02/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Bolometer+FOV+Chopper+Scans	https://tinyurl.com/y8j8Dz	PACS-225	Frayer, Al, Felder, Appleton, & Jacobson
Functional and Performance Tests of Mechanisms (Grating, Heater, Filter Wheels)	3	PACS	Instrument	Spectrometer	PACS Test Analysis Report FM ILT	08/02/2007, v.x	https://www.cosmos.esa.int/documents/12133/996891/Functional+and+Performance+Tests+of+Mechanisms+Grating+Heater+Filter+Wheels	https://tinyurl.com/y8j8Dz	PACS-226	Pierre Royer
Emissivity of PACS calibration sources	3	PACS	Instrument	Photometer	PCC-NHSC-TR-003	28/01/2007, v0.0	https://www.cosmos.esa.int/documents/12133/996891/Emissivity+of+PACS+calibration+sources	https://tinyurl		

Are the three modes (Solo only, Self only, Solo+Self) correctly interpreted?	3	PACS	Instrument		Photometer	See PACS MS 0550-09	08/12/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Main+exam-of-rs-gis-ecm	https://tinyurl.com/yd4t759	PACS-211	Marc Sauvage
Further investigations of Chopper Angle vs. Current, and Specific Torque Behaviour	3	PACS	Instrument		Bolometers	PCC-MA-TR-014	27/11/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Further+investigation-of-PACS-Chopper-Angle-versus-Current-Rel	https://tinyurl.com/y8omnag	PACS-232	Ulrich Klasi, I. Schreiber, H. Dannenbauer
Basic Drive Parameters Chopper Specific Torque, Open Loop Oscillation, Frequency, and Damping	3	PACS	Instrument		Bolometers	PCC-MA-TR-013	24/11/2006, v1.3	https://www.cosmos.esa.int/documents/12133/996891/Basic+Drive+Parameters-of-PACS-Chopper-Specific-Torque-Open+Loop-Oscillation-Frequency-and-Damping	https://tinyurl.com/y77dfps	PACS-233	Ulrich Klasi, I. Schreiber, H. Dannenbauer
Angular Calibration of Chopper	3	PACS	Instrument		Bolometers	PCC-MA-TR-009	20/11/2006, v1.5	https://www.cosmos.esa.int/documents/12133/996891/Angular+Calibration-of-PACS-Chopper-Beam-File	https://tinyurl.com/yabqpdms	PACS-234	Ulrich Klasi, I. Schreiber, H. Dannenbauer
Special Investigation Chopper Angle vs. Current, Specific Torque, and Open Loop Behaviour	3	PACS	Instrument		Bolometers	PCC-MA-TR-015	30/11/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Special+Investigation-of-PACS-Chopper-Angle-versus-Current-Open+Loop+Behaviour	https://tinyurl.com/y9y80bs	PACS-235	Ulrich Klasi, I. Schreiber, H. Dannenbauer
SFT Warm Chopper and Internal Calibration Sources	3	PACS	Instrument		Bolometers	PCC-MA-TR-010	21/11/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/SFT+Warm+Chopper+Functional+Test-of-PACS-Chopper-and-PACS-Internal+Calibration-Sources-during-FM-IT	https://tinyurl.com/y8wv6m	PACS-236	H. Dannenbauer, Ulrich Klasi, I. Schreiber
ODSE Characterisation during CDM/FM-IT	3	PACS	Instrument		Bolometers	PCC-ME-TR-005	06/11/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/ODSE+Characterisation-During-CDM-FM-IT	https://tinyurl.com/y8qvvt6	PACS-237	T. G. Muller
Asteroid Calibration Quality Information for COP and Early PV	3	PACS	Calibration			Asteroid Calibration Quality Information for COP and Early PV	08/05/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Asteroid+Calibration+Quality+Information-for-COP-and-Early-PV	https://tinyurl.com/y8wv6m	PACS-238	Thomas Müller
FM Proton Irradiation Tests High & Low Stress Modules I - Glitch Effects & Curing	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-003	11/01/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/FM-Proton+Irradiation+Tests-High-and-Low-Stress-Modules-I-Glitch+Effects+and+Curing	https://tinyurl.com/yd675b3	PACS-239	P. Boyer
FM Proton Irradiation Tests High and Low Stress Modules II - Noise evolution Curing Frequency and Detector settings	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-003	20/04/2006, v0.5	https://www.cosmos.esa.int/documents/12133/996891/FM-Proton+Irradiation+Tests-High-and-Low-Stress-Modules-II-Noise+evolution+Curing-Frequency+and+Detector+Settings	https://tinyurl.com/y8ybyda	PACS-240	P. Boyer
Simulations and analysis of PACS Spectrometer Ramps under irradiation conditions - impact on science goals and AOT design	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-005	20/07/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Impact+of+Irradiation+on+PACS+Spectrometer+Ramps-under-irradiation-conditions-impact-on-science-goals-and-AOT-design	https://tinyurl.com/y8uq8pw	PACS-242	Martin Groenewegen
Gen4d Simulations of Gaia module behaviour under Proton Irradiation	3	PACS	Calibration	Detector	Spectrometer	PCC-TS-IRM-000	07/06/2005, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Gen4d+Simulations+of+Gaia+module+behaviour+under+Proton+Irradiation	https://tinyurl.com/y8wv6m	PACS-245	Christian Bongardo & Paola Andriani
Test Plan and Procedure for Investigation of Glitch Event Rate and Collected Charge Variation in the Ga-Ge Detectors during Proton Irradiation at UCL-CRC	3	PACS	Calibration	Detector	Spectrometer	PACS-ME-TP-009a	10/03/2004, v1.2	https://www.cosmos.esa.int/documents/12133/996891/Test+Plan+and+Procedure+for+Investigation+of+Glitch+Event+Rate+and+Collected+Charge+Variation+in+the+Ga-Ge+Detectors+during+Proton+Irradiation+at+UCL-CRC	https://tinyurl.com/y8b8a2ax	PACS-246	R. Katterlöhner, L. Barl, I. Schubert
Test Plan and Procedure for Investigation of Glitch Event Rate and Collected Charge Variation in the Ga-Ge Detectors during Proton Irradiation at UCL-CRC (3rd test phase)	3	PACS	Calibration	Detector	Spectrometer	PACS-ME-TP-009b	02/10/2005, v1.1	https://www.cosmos.esa.int/documents/12133/996891/Test+Plan+and+Procedure+for+Investigation+of+Glitch+Event+Rate+and+Collected+Charge+Variation+in+the+Ga-Ge+Detectors+during+Proton+Irradiation+at+UCL-CRC+3rd+Test+Phase	https://tinyurl.com/y8y8y8g	PACS-247	R. Katterlöhner, L. Barl, I. Schubert
Cold Performance Tests on FM High Stress Ga-Ge Detector Modules	3	PACS	Calibration	Detector	Spectrometer	PACS-ME-TR-003	10/04/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Cold+Performance+Tests+on+FM+High+Stress+Ga-Ge+Detector+Modules	https://tinyurl.com/y8y8y8g	PACS-248	L. Barl
Fitting PACS ramps with analytical models, Part III The IMEC model	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-010	27/06/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Fitting+PACS+ramps+with+analytical+models+Part+III+The+IMEC+Model	https://tinyurl.com/y8y8y8g	PACS-249	Martin Groenewegen
Analysis of the April 2005 proton test data	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-000	03/04/2006, v2.0	https://www.cosmos.esa.int/documents/12133/996891/Analysis+of+the+April+2005+proton+test+data	https://tinyurl.com/y8y8y8g	PACS-250	Martin Groenewegen & Pierre Boyer
Stressed Ga-Ge Detector Arrays for PACS and FIFI LS	3	PACS	Instrument	Detector	Spectrometer	FIFI-IR, Sub-mm & MM Detector Technology Workshop, held 1-3 April 2002 in Monterey, CA, Organized and Sponsored by NASA/Ames & URSYS/OH&A, url	2002	https://www.cosmos.esa.int/documents/12133/996891/STRESSED+Ga-Ge+DETECTOR+ARRAYS+FOR+PACS+AND+FIFI+LS	https://tinyurl.com/y8y8y8g	PACS-251	Rosautil D. et al.
AOT RELATED ASPECTS FOR THE PACS SPECTROMETER	3	PACS	Instrument	Pre-flight testing	AOT design	Spectrometer	PCC-ME-SD-004	30/06/2005, v1.1	https://www.cosmos.esa.int/documents/12133/996891/AOT+RELATED+ASPECTS+FOR+THE+PACS+SPECTROMETER	PACS-255	T. G. Muller
Fitting PACS ramps with analytical models, Part II	3	PACS	Calibration	Detector	PreFlight/Ga-Ge tests/dumps	Spectrometer	PCC-kl-TN-007	18/02/2004, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Fitting+PACS+ramps+with+analytical+models+Part+II	PACS-256	Martin Groenewegen
Fitting PACS ramps with analytical models, Part I	3	PACS	Calibration	Detector	PreFlight/Ga-Ge tests/dumps	Spectrometer	PCC-kl-TN-009	07/06/2004, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Fitting+PACS+ramps+with+analytical+models+Part+I	PACS-257	Martin Groenewegen
Measuring the beams: wings	3	PACS	Calibration	Beams	Photometer	PACS-CC-presentation	2005, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Measuring+the+beams+wings	https://tinyurl.com/y8y8y8g	PACS-258	A. Pagliuch
Transient Investigation Monochromatic trends	3	PACS	Instrument	Chopper	Spectrometer	PACS-CC-presentation	2003, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Transient+Investigation+Monochromatic+trends	https://tinyurl.com/y8y8y8g	PACS-259	Alexandra Contursi
Evolution of Telescope Background with Time by OD	3	PACS	Calibration	Background	Spectrometer	PACS-CC-presentation	2004, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Evolution+of+Telescope+Background+with+Time+by+OD	https://tinyurl.com/y8y8y8g	PACS-260	A. Pagliuch
Evolution of Telescope Background with Time by OD - comparison with test model	3	PACS	Calibration	Background	Spectrometer	PACS-CC-presentation	2004, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Evolution+of+Telescope+Background+with+Time+by+OD-comparison+with+test+model	https://tinyurl.com/y8y8y8g	PACS-261	A. Pagliuch
Linearity of the spectrometer signal - high flux calibration sources	3	PACS	Calibration		Spectrometer	Spectrometer pipeline meeting, MPE, Garching	November 2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Linearity+of+the+spectrometer+signal-high+flux+calibration+sources	https://tinyurl.com/y8y8y8g	PACS-263	Christophe Jaan
specBaselineEstimator and specFlatFieldRange2	3	PACS	Data processing		Spectrometer	CC meeting #42	23/04/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/specBaselineEstimator+and+specFlatFieldRange2	https://tinyurl.com/y8y8y8g	PACS-264	Roland Vanek
First Summary of Neptune Beam Measurements	3	PACS	Calibration	Beams	Spectrometer	CC presentation, 2012, A. Pagliuch	2012, v1.0	https://www.cosmos.esa.int/documents/12133/996891/First+Summary+of+Neptune+Beam+Measurements	https://tinyurl.com/y8y8y8g	PACS-265	A. Pagliuch
Test Plan and Procedure for Detector Spectral Measurements at LENS	3	PACS	Calibration	Pre-flight testing	Wavelength	Spectrometer	PACS-ME-TP-001	24/01/2001, v0.1	https://www.cosmos.esa.int/documents/12133/996891/Test+Plan+and+Procedure+for+Detector+Spectral+Measurements+at+LENS	PACS-266	R. Katterlöhner
PACS Spectrometer simulated flux modulation by pointing jitter	3	PACS	Calibration		Spectrometer	Presentation	21/06/2011, v1.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+simulated+flux+modulation+by+pointing+jitter	https://tinyurl.com/y8y8y8g	PACS-267	Roland Vanek
PACS Spectrometer response estimates from unchopped OFF-position scans	3	PACS	Calibration		Spectrometer	PACS spectrometer pipeline & calibration meeting	04/02/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+response+estimates+from+unchopped+OFF-position+scans	https://tinyurl.com/y8y8y8g	PACS-268	Roland Vanek
Spectrometer Wavelength Calibration	3	PACS	Calibration	Wavelength	Spectrometer	PACS-IR-Readme-Review	18/02/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Spectrometer+Wavelength+Calibration	https://tinyurl.com/y8y8y8g	PACS-269	Helmuth Feuchtgruber
Technical Note on Cube Interpolation Validation	3	PACS	Data processing		Spectrometer	Technical Note	26/11/2014, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Technical+Note+on+Cube+Interpolation+Validation	https://tinyurl.com/y8y8y8g	PACS-270	Elana Paga
PACS-S Interpolated Validation and Testing	3	PACS	Data processing		Spectrometer	HERSCHEL Science Operations Coordinating Group Presentation	01/12/2014, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS-S+Interpolated+Validation+and+Testing	https://tinyurl.com/y8y8y8g	PACS-271	Elana Paga, B. Vanderbosch, P. Boyer & J. de Jong
PACS Spectrometer RSR reconstruction from unchopped OFF-position scan	3	PACS	Calibration		Presentation	Presentation	31/07/2013, v0.1	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectrometer+RSR+reconstruction+from+unchopped+OFF-position+scan	https://tinyurl.com/y8y8y8g	PACS-275	Roland Vanek
The derivation of the PACS spc beams from raster calibration observations	3	PACS	Calibration	Beams	Spectrometer	Presentation to PACS-CC	April 2011, v1.0	https://www.cosmos.esa.int/documents/12133/996891/The+derivation+of+the+PACS+spc+beams+from+raster+calibration+observations	https://tinyurl.com/y8y8y8g	PACS-276	PACS-CC
PACS spectrometer spatial calibration	3	PACS	Calibration	Beams	Spectrometer	Herchel Calibration workshop presentation	18/02/2012, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+SPECTROMETER+SPATIAL+CALIBRATION	https://tinyurl.com/y8y8y8g	PACS-277	Alexandra Contursi
Guide to using the AOT table for PACS spectroscopy ReadMe	3	PACS	Data products		Spectrometer	HERSCHEL-HSC-DOC-2102	06/06/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Guide+to+using+the+AOT+table+for+PACS+spectroscopy+ReadMe	https://tinyurl.com/y8y8y8g	PACS-278	Katrina Ester
Guide to using the AOT table for PACS spectroscopy Metadata table (Excel)	3	PACS	Data products		Spectrometer	HERSCHEL-HSC-DOC-2103	06/06/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Guide+to+using+the+AOT+table+for+PACS+spectroscopy+Metadata+table	https://tinyurl.com/y8y8y8g	PACS-279	Katrina Ester
Guide to using the AOT table for PACS spectroscopy Metadata table (CSV)	3	PACS	Data products		Spectrometer	HERSCHEL-HSC-DOC-2114	06/06/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Guide+to+using+the+AOT+table+for+PACS+spectroscopy+Metadata+table+CSV	https://tinyurl.com/y8y8y8g	PACS-280	Katrina Ester
Guide to using the AOT table for PACS spectroscopy tarball	3	PACS	Data products		Spectrometer	HERSCHEL-HSC-DOC-2101	06/06/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Guide+to+using+the+AOT+table+for+PACS+spectroscopy+tarball	https://tinyurl.com/y8y8y8g	PACS-281	Katrina Ester
Least Squares Image Estimation for Large Data in the Presence of Noise and Irregular Sampling	3	PACS	Data processing	Mapers	Photometer	IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 26, NO. 13, NOVEMBER 2017, 5313	2017	https://ieeexplore.ieee.org/document/800262	https://doi.org/10.1109/TIP.2017.2736411	PACS-287	Lorenzo Piazzo
PACS spectroscopy chop/rod FPG verification from line scan maps OD-150-373	3	PACS	Calibration		Spectrometer	PCC-kl-TN-001	31/09/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996891/PACS+Spectroscopy+Chop/Rod+FPG+Verification+from+Line+Scan+Maps+OD-150-373	https://tinyurl.com/y8y8y8g	PACS-312	Bart Vanderbosch
Analysis of the December 2008 proton test data on the high-stress module and the 2006 cold performance tests on the high-stress module	3	PACS	Calibration	Detector	Spectrometer	PCC-kl-TN-002	18/05/2007, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Analysis+of+the+December+2008+proton+test+data+on+the+high-stress+module+and+the+2006+cold+performance+tests+on+the+high-stress+module	https://tinyurl.com/y8y8y8g	PACS-313	Martin Groenewegen
Gen4d Simulations of Gaia module behaviour under Proton Irradiation. I part - Tests of April 2005	3	PACS	Calibration	Detector	Spectrometer	PCC-TS-IRM-000	01/04/2006, v1.0	https://www.cosmos.esa.int/documents/12133/996891/Gen4d+Simulations+of+Gaia+module+behaviour+under+Proton+Irradiation+I+part-+Tests+of+April+2005	https://tinyurl.com/y8y8y8g	PACS-314	Christian Bongardo & Paola Andriani
PACS Pointing Calibration Sources	3	PACS	Calibration	Pointing	Bolometers	PCC-MA-TN-003	26/02/2010, v1.5	https://www.cosmos.esa.int/documents/12133/996891/PACS+Pointing+Calibration+Sources	https://tinyurl.com/y8y8y8g	PACS-315	M. Nelbock, B. Au, B. Altari, J. Blommaert, H. Dannenbauer, M. Groenewegen, U. Klasi, & S. Lutz

SPHRE Calibration Plan	2	SPHRE	Calibration	Calibration		2005	v0.2	https://www.cosmos.esa.int/documents/12133/1031800/SPHRE+Calibration+Plan	https://tinyurl.com/vb5uq8	SPHRE 80	Ferya Lim
Astronomical Calibration Sources for Herschel/SPHRE	2	SPHRE	Calibration	Calibration		2008	v0.1	https://www.cosmos.esa.int/documents/12133/1031800/Alternative+Calibration+Sources+for+Herschel+SPHRE	https://tinyurl.com/7ymdnht	SPHRE 81	Petar Hargrave
SPHRE Pointing Calibration Sources	2	SPHRE	Calibration	Calibration		2008	v1.0	https://www.cosmos.esa.int/documents/12133/1031800/SPHRE+Pointing+Calibration+Sources	https://tinyurl.com/yvz77k	SPHRE 82	Hargrave & Griffin
SPHRE Calibration Observation Definitions	2	SPHRE	Calibration	Calibration		2008	v1.0	https://www.cosmos.esa.int/documents/12133/1031800/SPHRE+Calibration+Observation+Definitions	https://tinyurl.com/vbnp79	SPHRE 83	Palmer & Lim
SPHRE Design Description	2	SPHRE	Calibration	Instrument description		2008	v2.0	https://www.cosmos.esa.int/documents/12133/1031800/SPHRE+Design+Description	https://tinyurl.com/vqgthw	SPHRE 84	D. Griffin, M. Griffin, B. Swinyard
HFOP Release Note: SPHRE FTS background subtracted sparse mode spectra	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017		http://archives.esac.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Background+Subtracted+Sparse+Mode+Spectra+Data+Files	https://tinyurl.com/vqth8g	SPHRE 88	HSC
HFOP Data: SPHRE FTS background subtracted sparse mode spectra	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017		http://archives.esac.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Background+Subtracted+Sparse+Mode+Spectra+Data+Files	https://tinyurl.com/7P0Wk	SPHRE 89	HSC
AOP Release Note: SPHRE FTS Beam Data Products	2	SPHRE	Data Products	Auxiliary Data Products	Spectrometer	2017		http://archives.esac.esa.int/hsa/hsagogy/AOP/SPHRE/SPHRE+FTS+Beam+Data+Products	https://tinyurl.com/vb0twk	SPHRE 90	HSC
AOP Data: SPHRE FTS Beam Data Products	2	SPHRE	Data Products	Auxiliary Data Products	Spectrometer	2017		http://archives.esac.esa.int/hsa/hsagogy/AOP/SPHRE/SPHRE+FTS+Beam+Data+Products	https://tinyurl.com/v9a3bc	SPHRE 91	HSC
AOP Release Note: SPHRE-Photometer Beam Data Products	2	SPHRE	Data Products	Auxiliary Data Products	Photometer	2017		http://archives.esac.esa.int/hsa/hsagogy/AOP/SPHRE/SPHRE+Photometer+Beam+Data+Products	https://tinyurl.com/vb0tqf	SPHRE 92	Ivan Vekichanov
AOP Data: SPHRE-Photometer Beam Data Products	2	SPHRE	Data Products	Auxiliary Data Products	Photometer	2017		http://archives.esac.esa.int/hsa/hsagogy/AOP/SPHRE/SPHRE+Photometer+Beam+Data+Products	https://tinyurl.com/v33d5r	SPHRE 93	Ivan Vekichanov
HFOP Release Note: SPHRE FTS expert processed spectra of calibrators	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	13/12/2016, v1.0	http://www.cosmos.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Expert+Processed+Spectra+of+Calibrators	https://doi.org/10.5270/esa-went4w	SPHRE 94	Rosalind Hoopwood
HFOP Data: SPHRE FTS expert processed spectra of calibrators	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	23/01/2017	http://archives.esac.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Expert+Processed+Spectra+of+Calibrators	https://tinyurl.com/vb0tqf	SPHRE 95	Rosalind Hoopwood
HFOP Release Note: SPHRE FTS high absolute resolution cubes	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	12/12/2016, v1.0	http://archives.esac.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+High+Absolute+Resolution+Cubes	https://doi.org/10.5270/esa-77n0zq	SPHRE 96	Rosalind Hoopwood
HFOP Data: SPHRE FTS high absolute resolution cubes	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	23/01/2017	http://archives.esac.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+High+Absolute+Resolution+Cubes	https://tinyurl.com/vth0dc6	SPHRE 97	Rosalind Hoopwood
SPHRE FTS spectral feature catalogue	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	01/01/2017	http://www.cosmos.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Spectral+Feature+Catalogue	https://tinyurl.com/vtd847z	SPHRE 98	HSC
HFOP Release Note: SPHRE FTS spectral feature catalogue	2	SPHRE	Data Products	Highly Processed Data Products	Spectrometer	2017	01/01/2017	http://www.cosmos.esa.int/hsa/hsagogy/HFOP/SPHRE/SPHRE+FTS+Spectral+Feature+Catalogue	https://tinyurl.com/vt5t0a8	SPHRE 99	HSC
SPHRE Internal Documentation Listing BeamMe	3	SPHRE	Overview	Instrument		2018		https://www.cosmos.esa.int/documents/12133/1031800/09hsa+SPHRE+documents+BeamMe	https://tinyurl.com/vb0tqf	SPHRE 123	Ivan Vekichanov for the SPHRE ICC
SPHRE Internal Documentation Listing Excal	3	SPHRE	Overview	Instrument		2018		https://www.cosmos.esa.int/documents/12133/1031800/09hsa+SPHRE+documents+Excal	https://tinyurl.com/vv0a7z	SPHRE 124	Ivan Vekichanov for the SPHRE ICC
SPHRE Internal Documentation Listing CSV	3	SPHRE	Overview	Instrument		2018		https://www.cosmos.esa.int/documents/12133/1031800/09hsa+SPHRE+documents+CSV	https://tinyurl.com/v9h9j8f	SPHRE 125	Ivan Vekichanov for the SPHRE ICC
SPHRE Internal Documentation Listing PDF	3	SPHRE	Overview	Instrument		2018		https://www.cosmos.esa.int/documents/12133/1031800/09hsa+SPHRE+documents+PDF	https://tinyurl.com/vb0tqf	SPHRE 126	Ivan Vekichanov for the SPHRE ICC
SPHRE Internal Documentation Listing CSV for Mic	3	SPHRE	Overview	Instrument		2018		https://www.cosmos.esa.int/documents/12133/1031800/09hsa+SPHRE+documents+CSV+for+Mic	https://tinyurl.com/vb0tqf	SPHRE 127	Ivan Vekichanov for the SPHRE ICC
Optimum observing modes for the Herschel/SPHRE photometer system	3	SPHRE	Calibration	ADTL		2006		http://ui.adsabs.harvard.edu/abs/2006SPIE.6270E..195G	https://doi.org/10.1117/12.671153	SPHRE 52	Sibthorpe et al.
In-orbit performance of the Herschel/SPHRE imaging fourier transform spectrometer	3	SPHRE	Calibration			2010		https://ui.adsabs.harvard.edu/abs/2010SPIE.7731E..16N	https://doi.org/10.1117/12.856209	SPHRE 33	Nejtor et al.
Characterisation of Herschel/SPHRE flight model optical performances	3	SPHRE	Calibration	Calibration	Pre-flight testing	2008		https://ui.adsabs.harvard.edu/abs/2008SPIE.7036E..40F	https://doi.org/10.1117/12.788880	SPHRE 35	Ferlet et al.
In-flight calibration of the Herschel/SPHRE instrument	3	SPHRE	Calibration	Calibration	In-flight testing	2010		https://ui.adsabs.harvard.edu/abs/2010MNRAS.418L..48L	https://doi.org/10.1093/mnras/418.1/48	SPHRE 36	Swinyard et al.
The Herschel/SPHRE submillimetre spectrum of Mars	3	SPHRE	Calibration	Stability & flux calibration		2010		https://ui.adsabs.harvard.edu/abs/2010MNRAS.418L..515G	https://doi.org/10.1093/mnras/418.1/515	SPHRE 37	Swinyard et al.
In-flight characterisation of Herschel/SPHRE optical performances	3	SPHRE	Calibration	Beams	Beams, In-flight testing	2010		https://ui.adsabs.harvard.edu/abs/2010SPIE.7731E..35F	https://doi.org/10.1117/12.857300	SPHRE 38	Ferlet
Understanding the Herschel/SPHRE bolometers	3	SPHRE	Calibration	Pre-flight testing		2008		https://ui.adsabs.harvard.edu/abs/2008SPIE.7036E..70P	https://doi.org/10.1117/12.788780	SPHRE 39	Woodcraft et al.
Performance evaluation of the Herschel/SPHRE instrument flight model imaging Fourier transform spectrometer	3	SPHRE	Calibration	Pre-flight testing		2008		https://ui.adsabs.harvard.edu/abs/2008SPIE.7036E..08S	https://doi.org/10.1117/12.788808	SPHRE 40	Spencer et al.
A report on laboratory performance of the bolometric detector arrays for SPHRE/HSO 2	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6270E..14N	https://doi.org/10.1117/12.673210	SPHRE 41	Nguyen et al.
Performance of flight model on-board calibration sources on Herschel/SPHRE	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6270E..14V	https://doi.org/10.1117/12.673217	SPHRE 42	Hargrave et al.
Performance evaluation of the Herschel/SPHRE imaging fourier transform spectrometer	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6266E..30N	https://doi.org/10.1117/12.673247	SPHRE 43	Nejtor et al.
A comparison of the theoretical and measured performance of the Herschel/SPHRE imaging Fourier transform spectrometer	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6266E..32S	https://doi.org/10.1117/12.673265	SPHRE 44	Spencer et al.
Preliminary results from Herschel/SPHRE flight instrument testing	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6266E..49L	https://doi.org/10.1117/12.673292	SPHRE 45	Lim et al.
Optical performance characterisation of HERSCHEL/SPHRE	3	SPHRE	Calibration	Pre-flight testing		2006		https://ui.adsabs.harvard.edu/abs/2006SPIE.6266E..08V	https://doi.org/10.1117/12.673452	SPHRE 46	Swinyard et al.
Spectral characterisation of the Herschel/SPHRE photometer	3	SPHRE	Calibration	Pre-flight testing		2004		https://ui.adsabs.harvard.edu/abs/2004MST...152	https://tinyurl.com/vb0tqf	SPHRE 47	Spencer
A report on the laboratory performance of the spectroscopic detector arrays for SPHRE/HSO	3	SPHRE	Calibration	Pre-flight testing		2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..196N	https://doi.org/10.1117/12.148974	SPHRE 48	Nguyen et al.
A Fourier transform spectrometer for ground testing of the Herschel/SPHRE instrument	3	SPHRE	Calibration	Pre-flight testing		2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..501S	https://doi.org/10.1117/12.551284	SPHRE 49	Spencer et al.
First results from Herschel/SPHRE performance tests	3	SPHRE	Calibration	Pre-flight testing		2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..400C	https://doi.org/10.1117/12.551284	SPHRE 50	Lim et al.
Modeling the affect of multiple beam clipping in FTS and submillimeter instrumentation: ISO-LWS and FIRST/SPHRE	3	SPHRE	Calibration	Pre-flight testing		1998		https://ui.adsabs.harvard.edu/abs/1998SPIE.343E..313C	https://doi.org/10.1117/12.328407	SPHRE 51	Cadwell, Swinyard, & Gray
A software simulator for the Herschel/SPHRE imaging photometer	3	SPHRE	Calibration	Software	Data processing	2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..491S	https://doi.org/10.1117/12.550863	SPHRE 52	Sibthorpe et al.
SPHRE a software simulator for the Herschel/SPHRE photometer	3	SPHRE	Data products	Software	Data processing	2009		https://ui.adsabs.harvard.edu/abs/2009MNRAS.404..242V	https://doi.org/10.1093/mnras/404.1/242	SPHRE 53	Sibthorpe et al.
On the extraction of extended structure from Herschel/SPHRE scanning observations in the presence of 1/f noise	3	SPHRE	Data products	Software	Data processing	2008		https://ui.adsabs.harvard.edu/abs/2008MNRAS.388.1797V	https://doi.org/10.1111/1365-2966.2008.13117.x	SPHRE 54	Sibthorpe et al.
Determining the optimum scan map strategy for Herschel/SPHRE using the SPHRE photometer simulator	3	SPHRE	Data products	Data processing	Photometer	2007		https://ui.adsabs.harvard.edu/abs/2007MNRAS.381.1589V	https://doi.org/10.1111/1365-2966.2007.12327.x	SPHRE 55	Waskett et al.
The data processing pipelines for the Herschel/SPHRE imaging fourier transform spectrometer	3	SPHRE	Data products	Data processing	Spectrometer	2010		https://ui.adsabs.harvard.edu/abs/2010SPIE.7731E..34F	https://doi.org/10.1117/12.858282	SPHRE 56	Fulton et al.
The data processing pipeline for the Herschel/SPHRE imaging fourier Transform Spectrometer	3	SPHRE	Data products	Data processing	Spectrometer	2008		https://ui.adsabs.harvard.edu/abs/2008SPIE.7036E..27F	https://doi.org/10.1117/12.788850	SPHRE 57	Fulton et al.
The Herschel/SPHRE Instrument and its Scientific Capabilities	3	SPHRE	Overview	Instrument		2005		https://ui.adsabs.harvard.edu/abs/2005AAS...2073506G	https://tinyurl.com/vb0tqf	SPHRE 58	Griffin, Swinyard, Vigroux, & Herschel/SPHRE Instrument Consortium Collaboration
Herschel/SPHRE: Mission Overview and Canadian Contribution	3	SPHRE	Overview	Instrument		2005		https://ui.adsabs.harvard.edu/abs/2005AAS...2073506G	https://tinyurl.com/vb0tqf	SPHRE 59	Nejtor et al.
Optical alignment verification of the Herschel/SPHRE instrument	3	SPHRE	Overview	Instrument		2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..448B	https://doi.org/10.1117/12.551228	SPHRE 60	Dobson, Origine, & Ferlet
The Herschel/SPHRE instrument	3	SPHRE	Overview	Instrument		2004		https://ui.adsabs.harvard.edu/abs/2004SPIE.548E..433G	https://doi.org/10.1117/12.552095	SPHRE 61	Griffin, Swinyard, & Vigroux
SPHRE: Herschel's imaging Photometer and Spectrometer	3	SPHRE	Overview	Instrument		2004		https://ui.adsabs.harvard.edu/abs/2004AAS...2049303B	https://tinyurl.com/vb0tqf	SPHRE 62	Griffin, Swinyard, & Vigroux
SPHRE - Herschel's Submillimetre Camera and Spectrometer	3	SPHRE	Overview	Instrument		2003		https://ui.adsabs.harvard.edu/abs/2003SPIE.485D..086G	https://doi.org/10.1117/12.461352	SPHRE 63	Griffin, Swinyard, & Vigroux
The SPHRE Instrument for Herschel	3	SPHRE	Overview	Instrument		2001		https://ui.adsabs.harvard.edu/abs/2001EASRP...460	https://tinyurl.com/vb0tqf	SPHRE 64	Griffin, Swinyard, & Vigroux
SPHRE Instrument for FIRST	3	SPHRE	Overview	Instrument		2000		https://ui.adsabs.harvard.edu/abs/2000SPIE.4013..184G </			

