Housekeeping Conversion Tables Description Document

SPIRE-RAL-DOC-003113 Issue 0.1

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Published 9 April 2009

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Chapter 1. Ascii Tables used within the Pipeline

Several groups of ASCII files are used within the pipeline for:

- Converting Housekeeping parameters from raw engineering units to physical/meaningful values (ATAB and ETAB files)
- Providing information on the configuration of parameters/detectors withing the instrument, e.g. detailing the mapping of detector names/parameter names (TXT files)
- Detailing the parameters to be included and the names to use for columns in level-0.5 products (telemetry dictionaries)

A separate set of tables is used for each lab test campaign, for the final flight instrument, and for the flight spare.

The housekeeping parameters are converted from raw engineering units to physical units using a series of ASCII tables that either contain the description of an algorithm to carry out the conversion, or a table of values which are interpolated. These are listed in the following table with the final column indicating whether a conversion table, or an equation is used. These files have extension "ATAB".

The second set of tables convert status values from an integer to a word (e.g. 0="OFF", 1="ON"). These files have extension "ETAB". Each file is listed below with the meaning of each status value (some files with many different values are listed separately after the main table).

Finally a list of the text files containing detector/parameter mapping information is given.

1.1. "ATAB" Housekeeping Conversion Tables (Numerical conversion)

Table 1.1. "ATAB" Housekeeping Conversion Tables (Numerical conversion)

Table Name	Parameter	Final Units	Description	Origin	Conversion
BAFTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BAFTEMP.ATAB] 1.3 2004/03/02	BAFTEMP	K	BAFtemp - FPU input baffle temperature		Conversion Table
BAFTEMP_T_BAF.ATAB [http://www.rssd.esa.int/h	BAFTEMP	K	BAFtemp - FPU input baffle temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
er-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/BAFTEMP_T_BAF.ATAB] 1.9 2006/10/18					
BSMIFTEMP.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/BSMIFTEMP.ATAB] 1.3 2004/03/02	BSMIFTEMP	K	BSMStemp - BSM/SOB I/F temperature		Conversion Table
BSMIFTEMP_T_BSM.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/BSMIFTEMP_T_BSM.ATAB] 1.10 2006/10/18	BSMIFTEMP	K	BSMStemp - BSM/SOB I/F temperature		Conversion Table
BSMTEMP.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/BSMTEMP.ATAB]	BSMTEMP	K	BSMMtemp - BSM mechanism temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
1.3 2004/03/02					
BSMTEMP_T_BSMM.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BSMTEMP_T_BSMM.ATAB] 1.9 2006/10/18	BSMTEMP	K	BSMMtemp - BSM mechanism temperature		Conversion Table
CHOPDACVAL.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/CHOPDACVAL.ATAB] 1.1 2007/01/30	CHOPDACVAL	V	CDACValue		Conversion Table
CHOPMOTORCURR.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/CHOPMOTORCURR.ATAB] 1.2 2007/03/06	CHOPMOTORCURR	mA	CMotorCurrent		Conversion Table
CHOPMOTORVOLT.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-	CHOPMOTORVOLT	V	CVoltage		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
op/ main/her- schel/ spire/ param/ tables/ CHOPMOTOR- VOLT.ATAB] 1.1 2007/03/06					
DCU_SUPPLY_VOLTAGES.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her- schel/ spire/ param/ tables/ DCU_SUPPLY_VOLTAGES.ATAB] 1.3 2006/10/18	BIASP5V BIASP9V BIASM9V PLIAP5V PLIAP9V PLIAM9V SLIAP5V SLIAP9V SLIAM9V	V V V V V V V V V	BIAS/DAQ_IF +5V Voltage (before post regulator) BIAS/DAQ_IF +9V Voltage (before post regulator) BIAS/DAQ_IF -9V Voltage (before post regulator) LIAP +5V Voltage (before post regulator) LIAP +9V Voltage (before post regulator) LIAP -9V Voltage (before post regulator) LIAS +5V Voltage (before post regulator) LIAS +9V Voltage (before post regulator) LIAS -9V Voltage (before post regulator)		-15.000000+x*0.00045800000
DEMOD-PHASE.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her- schel/ spire/ param/	PSWPHASE PMWPHASE PLWPHASE TCPHASE SSWPHASE SLWPHASE	deg deg deg deg deg deg	PhaseShift for Photo SW Channels PhaseShift for Photo MW Channels PhaseShift for Photo LW Channels		+x*1.4117650

Table Name	Parameter	Final Units	Description	Origin	Conversion
tables/DE-MODPHASE.ATAB] 1.9 2006/10/18			PhaseShift for Photo TC Channels PhaseShift for Spectro SW Channels PhaseShift for Spectro LW Channels		
DPUP15V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DPUP15V.ATAB] 1.1 2003/06/26	DPUP15V	V	DPU monitored +15V voltage line		0.004396*x
DPUP5V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DPUP5V.ATAB] 1.1 2003/06/26	DPUP5V	V	DPU monitored +5V voltage line		0.001465*x
DPUTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DPUTEMP.ATAB] 1.1 2003/06/26	DPUTEMP	K	DPU monitored temperature		0.031746*x+223.0
DPU_MINUS_15V.A	DPUM15V	V	DPU monitored		-x*0.0043960000

Table Name	Parameter	Final Units	Description	Origin	Conversion
TAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/DPU_MINUS_15V.ATAB] 1.8 2006/10/18			-15V voltage line		
DPU_PLUS_15V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/DPU_PLUS_15V.ATAB] 1.8 2006/10/18	DPUP15V	V	DPU monitored +15V voltage line		+x*0.0043960000
DPU_PLUS_2.5V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/DPU_PLUS_2.5V.ATAB] 1.4 2004/10/29	DPUP2_5V	V	DPU monitored +2.5V Reference voltage line		+x*0.0012210000
DPU_PLUS_2_5V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/	DPUP2_5V	V	DPU monitored +2.5V Reference voltage line		+x*0.0012210000

Table Name	Parameter	Final Units	Description	Origin	Conversion
param/ tables/ DPU_PLUS_2_5V.ATAB] 1.4 2006/10/18					
DPU_PLUS_5V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/DPU_PLUS_5V.ATAB] 1.8 2006/10/18	DPUP5V	V	DPU monitored +5V voltage line		+x*0.0014650000
DPU_TEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/DPU_TEMP.ATAB] 1.8 2006/10/18	DPUTEMP	K	DPU monitored temperature		+223.00000+x*0.031746000
EMCFIL-TEMP_T_SOB.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/EMC-FIL-	EMCFILTEMP	K	SOBTemp - EMC Filter temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.3 2006/10/18					
EVAPH-STEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/EVAPH-STEMP.ATAB] 1.3 2004/03/02	EVAPHSTEMP	K	CEHStemp - Cryo-cooler evaporator heat switch temperature		Conversion Table
EVAPH-STEMP_T_CEHS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/EVAPH-STEMP_T_CEHS.ATAB] 1.8 2006/10/18	EVAPHSTEMP	K	CEHStemp - Cryo-cooler evaporator heat switch temperature		Conversion Table
EVHSV.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/EVHSV.ATAB] 1.6 2006/10/18	SPHSV	mV	SPHSHeatB		-0.17581400+x*0.025480000
JIGGDACV-AL.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-	JIGGDACVAL	V	JDACValue		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
op/ main/her- schel/ spire/ param/ tables/JIGG- DACVAL.ATAB] 1.1 2007/01/30					
JIGGMOTOR- CURR.ATAB [ht- tp://www.rssd.esa.int/h er- schel_scripts/cvsweb.c gi/devel- op/ main/her- schel/ spire/ param/ tables/ JIGGMOTOR- CURR.ATAB] 1.2 2007/03/06	JIGGMOTORCURR	mA	JMotorCurrent		Conversion Ta- ble
JIGGMOTOR- VOLT.ATAB [ht- tp://www.rssd.esa.int/h er- schel_scripts/cvsweb.c gi/devel- op/ main/her- schel/ spire/ param/ tables/ JIGGMOTOR- VOLT.ATAB] 1.1 2007/03/06	JIGGMOTORVOLT	V	Jvoltage		Conversion Ta- ble
LIATEMP.ATAB [ht- tp://www.rssd.esa.int/h er- schel_scripts/cvsweb.c gi/devel- op/ main/her- schel/ spire/ param/ tables/LI- ATEMP.ATAB] 1.5 2006/10/18	LIAP9TEMP LIAP8TEMP LIAP7TEMP LIAP6TEMP LIAP5TEMP LIAP4TEMP LIAP3TEMP LIAP2TEMP LIAP1TEMP	K K K K K K K K K	LIA_B1_TEMP, LIA board 1 temperature LIA_B2_TEMP, LIA board 2 temperature LIA_B3_TEMP, LIA board 3 temperature LIA_B4_TEMP, LIA board 4 temperature		- 500.00000+x*0. 015260000

Table Name	Parameter	Final Units	Description	Origin	Conversion
	LIAS1TEMP LIAS2TEMP LIAS3TEMP BIASTEMP DAQTEMP	K K K K K	LIA_B5_TEMP, LIA board 5 temperature LIA_B6_TEMP, LIA board 6 temperature LIA_B7_TEMP, LIA board 7 temperature LIA_B8_TEMP, LIA board 8 temperature LIA_B9_TEMP, LIA board 9 temperature LIA_B10_TEMP, LIA board 10 temperature LIA_B11_TEMP, LIA board 11 temperature LIA_B12_TEMP, LIA board 12 temperature BIAS_TEMP, Bias board temperature DAQ_IF_TEMP, DAQ IF board temperature		
? [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/?] 1.2 2003/06/11	MCUP5V	V	P5V		4.88e-04*x-15.9903
MCUS-AMPLING.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-	MCUTM10TSAMPLE MCUTM12TSAMPLE MCUTM14TSAMPLE	ms ms ms ms	TP10SampFreq TP12SampFreq TP14SampFreq TP15SampFreq		+x*0.42000000

Table Name	Parameter	Final Units	Description	Origin	Conversion
schel/ spire/ param/ tables/ MCUS-AMPLING.ATAB] 1.5 2006/10/18	MCUTM15TSAMPLE				
MCUSUBSDELAY.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/ MCUSUBSDELAY.ATAB] 1.1 2009/01/21	MCUSSDEL	ms	Subsystem Delay		+x*0.0032000000
MCUTEMPS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/ MCUTEMPS.ATAB] 1.4 2006/10/18	MCUMACTEMP MCUSMECTEMP MCUBSMTEMP	K K K	MACTemp SMECTemp BSMTemp		-1651.4568+x*0.050400000
MCU_PLUS_5V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/ MCU_PLUS_5V.ATAB] 1.8 2006/10/18	MCUP5V	V	P5V		-18.005440+x*0.00058000000
MCU_PM_14_15_V.	MCUP14V	V	P14V		-75.366400+x*0.

Table Name	Parameter	Final Units	Description	Origin	Conversion
ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MCU_PM_14_15_V.ATAB] 1.4 2006/10/18	MCUM14V MCUP15V MCUM15V	V V V	M14V P15V M15V		0023000000
OPTTEMP.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/OPTTEMP.ATAB] 1.3 2004/03/02	OPTTEMP	K	SUBtemp - Optical sub-bench temperature		Conversion Table
OPTTEMP_T_SUB.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/OPTTEMP_T_SUB.ATAB] 1.8 2006/10/18	OPTTEMP	K	SUBtemp - Optical sub-bench temperature		Conversion Table
PCALCURR.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PCAL-	PCALCURR	mA	PhCalBias		-0.0015620000+x*0.00024900000

Table Name	Parameter	Final Units	Description	Origin	Conversion
CURR.ATAB] 1.6 2006/10/18					
PCALV.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PCALV.ATAB] 1.9 2006/10/18	PCALV	V	PhCalVolt		-0.00021200000+x*5.1000000e-005
PCAL_CURRENT.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PCAL_CURRENT.ATAB] 1.5 2005/01/13	PCALCURR	mA	PhCalBias		+x*0.00024814000
PHOTHTRBIAS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PHOTHTRBIAS.ATAB] 1.8 2006/10/18	PHOTHTRV	V	PhotoHeaterBias		-x*0.018525000
PHOTOMETER_BIAS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/her-	PSWBIAS PMWBIAS PLWBIAS	mV mV mV	PhotoBiasAmpl for Photo SW Channels PhotoBiasAmpl for Photo MW Channels		+x*0.71372500

Table Name	Parameter	Final Units	Description	Origin	Conversion
schel/ spire/ param/ tables/ PHOTOMET- ER_BIAS.ATAB] 1.7 2006/02/02			PhotoBiasAmpl for Photo LW Channels		
PJFETVSS.ATAB [ht- tp://www.rssd.esa.int/h er- schel_scripts/cvsweb.c gi/devel- op/ main/her- schel/ spire/ param/ tables/ PJFETVSS.ATAB] 1.8 2006/10/18	PSWJFET1V PSWJFET2V PSWJFET3V PSWJFET4V PSWJFET5V PSWJFET6V PMWJFET1V PMWJFET2V PMWJFET3V PMWJFET4V PLWJFET1V PLWJFET2V TCJFETV	V V V V V V V V V V V V V	PSW JFET Source Voltage for Channel 1 PSW JFET Source Voltage for Channel 2 PSW JFET Source Voltage for Channel 3 PSW JFET Source Voltage for Channel 4 PSW JFET Source Voltage for Channel 5 PSW JFET Source Voltage for Channel 6 PMW JFET Source Voltage for Channel 1 PMW JFET Source Voltage for Channel 2 PMW JFET Source Voltage for Channel 3 PMW JFET Source Voltage for Channel 4 PLW JFET Source Voltage for Channel 1 PLW JFET Source Voltage for Channel 2 TC JFET Source Voltage		-x*0.019333000
PL0TEMP.ATAB [ht-	PL0TEMP	K	PL0temp - Pho-		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/PL0TEMP.ATAB] 1.3 2004/03/02			tometer detector box temperature		
PL0TEMP_T_PL0.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/PL0TEMP_T_PL0.ATAB] 1.8 2006/10/18	PL0TEMP	K	PL0temp - Photometer detector box temperature		Conversion Table
PLW_BIAS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/PLW_BIAS.ATAB] 1.2 2006/10/18	PLWBIAS	mV	PhotoBiasAmpl for Photo LW Channels		+x*0.50650600
PMW_BIAS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/PMW_BIAS.ATAB]	PMWBIAS	mV	PhotoBiasAmpl for Photo MW Channels		+x*0.50441200

Table Name	Parameter	Final Units	Description	Origin	Conversion
1.2 2006/10/18					
PSW_BIAS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PSW_BIAS.ATAB] 1.2 2006/10/18	PSWBIAS	mV	PhotoBiasAmpl for Photo SW Channels		+x*0.50122700
PUMPHSTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PUMPHSTEMP.ATAB] 1.3 2004/03/02	PUMPHSTEMP	K	CPHStemp - Cryo-cooler sorption pump heat switch temperature		Conversion Table
PUMPHSTEMP_T_CPHS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PUMPHSTEMP_T_CPHS.ATAB] 1.8 2006/10/18	PUMPHSTEMP	K	CPHStemp - Cryo-cooler sorption pump heat switch temperature		Conversion Table
PUMPHTRTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.c	PUMPHTRTEMP	K	CPHPtemp - Cryo-cooler sorption pump temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
gi/devel-op/main/herschel/spire/param/tables/PUMPHTRTEMP.ATAB] 1.3 2004/03/02					
PUMPHTRTEMP_T_CPHP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/PUMPHTRTEMP_T_CPHP.ATAB] 1.8 2006/10/18	PUMPHTRTEMP	K	CPHPtemp - Cryo-cooler sorption pump temperature		Conversion Table
SCAL2CURR.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/SCAL2CURR.ATAB] 1.3 2006/10/18	SCAL2CURR	mA	SCal2Bias		-0.0016780000+x*0.00017800000
SCAL2TEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/SCAL2TEMP.ATAB] 1.3 2004/03/02	SCAL2TEMP	K	SCL2temp - Spectrometer calibrator 2% temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
SCAL2TEMP_T_SCAL2.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/SCAL2TEMP_T_SCAL2.ATAB] 1.12 2006/10/18	SCAL2TEMP	K	SCL2temp - Spectrometer calibrator 2% temperature		Conversion Table
SCAL2V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/SCAL2V.ATAB] 1.3 2006/10/18	SCAL2V	V	SCal2Volt		-0.00076400000+x*0.000100000000
SCAL4CURR.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/SCAL4CURR.ATAB] 1.3 2006/10/18	SCAL4CURR	mA	SCal4Bias		-0.0011550000+x*0.00017800000
SCAL4TEMP.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/	SCAL4TEMP	K	SCL4temp - Spectrometer calibrator 4% temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
tables/ SCAL4TEMP.ATAB] 1.3 2004/03/02					
SCAL4TEMP_T_SCAL4.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCAL4TEMP_T_SCAL4.ATAB] 1.12 2006/10/18	SCAL4TEMP	K	SCL4temp - Spectrometer calibrator 4% temperature		Conversion Table
SCAL4V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCAL4V.ATAB] 1.3 2006/10/18	SCAL4V	V	SCal4Volt		-0.00073200000+x*0.000100000000
SCALTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCALTEMP.ATAB] 1.3 2004/03/02	SCALTEMP	K	SCSTtemp - Spectrometer calibrator flange temperature		Conversion Table
SCALTEMP_T_SCST.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-	SCALTEMP	K	SCSTtemp - Spectrometer calibrator flange temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
op/ main/her- schel/ spire/ param/ tables/SCAL- TEMP_T_SCST.ATAB] 1.9 2006/10/18					
SCAL_2_AND_4_CURRENTS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her- schel/ spire/ param/ tables/ SCAL_2_AND_4_CURRENTS.ATAB] 1.5 2005/01/13	SCAL4CURR	mA	SCal4Bias		+x*0.00017762000
SCAL_2_AND_4_VOLTAGES.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her- schel/ spire/ param/ tables/ SCAL_2_AND_4_VOLTAGES.ATAB] 1.5 2005/01/13	SCAL4V	V	SCal4Volt		+x*0.00010000000
SCUCHT2.5V.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her- schel/ spire/ param/ tables/ SCUCHT2.5V.ATAB] 1.3 2004/09/15	SCUCHT2_5V	V	ScuCHT25		+x*0.00015260000

Table Name	Parameter	Final Units	Description	Origin	Conversion
SCUCHT2_5V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/]	SCUCHT2_5V	V	ScuCHT25		+x*0.00015300000

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.5 2006/10/18					
SCUCHTGND.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/	SCUCHTGND	V	ScuCHTgnd		+x*0.00015300000

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.9 2009/01/21					
SCUCHTREF.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCUCHTREF.ATAB] 1.9 2007/01/30	SCUCHTREF	V	ScuCHTref		+x*7.6000000e-005
SCUP5V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCUP5V.ATAB] 1.3 2004/03/02	SCUP5V	V	ScuCHTp05		1.94e-04*x
SCUSUBSDELAY.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCUSUBSDELAY.ATAB] 1.1 2009/01/21	SCUSSDEL	ms	Subsystem Delay		+x*0.0032000000
SCUTHTGND.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/her-	SCUTHTGND	V	ScuTHTgnd		+x*0.00015300000

Table Name	Parameter	Final Units	Description	Ori-gin	Conversion
schel/ spire/ param/ tables/					

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.9 2009/01/21					
SCUTHTREF.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/SCUTHTREF.ATAB] 1.9 2007/01/30	SCUTHTREF	V	ScuTHTref		+x*7.6000000e-005
SCU_BOARD_TEMPS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/SCU_BOARD_TEMPS.ATAB] 1.3 2006/10/18	CCUTEMP TCUTEMP PSUTEMP1 PSUTEMP2	K K K K	CsuTempRd TsuTempRd PsuTmp1Rd PsuTmp2Rd		+x*0.15258800
SCU_PLUS_5V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-op/main/herschel/spire/param/tables/SCU_PLUS_5V.ATAB] 1.8 2006/10/18	SCUP5V	V	ScuCHTp05		+x*0.000194000 00
SCU_PLUS_MINUS_9V.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/devel-	SCUP9V SCUM9V	V V	ScuCHTp09 ScuCHTn09		+x*0.000339000 00

Table Name	Parameter	Final Units	Description	Origin	Conversion
op/ main/her- schel/ spire/ param/ tables/ SCU_PLUS_MINUS_ 9V.ATAB] 1.8 2006/10/18					
SHUNTTEMP.ATAB [ht- tp://www.rssd.esa.int/h er- schel_scripts/cvsweb.c gi/devel- op/ main/her- schel/ spire/ param/ tables/	SHUNTTEMP	K	CSHTtemp - Cryo-cooler thermal shunt temperature		Conversion Ta- ble

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.3 2004/03/02					
SHUNT-TEMP_T_CSHT.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SHUNT-TEMP_T_CSHT.ATAB] 1.8 2006/10/18	SHUNTTEMP	K	CSHTtemp - Cryo-cooler thermal shunt temperature		Conversion Table
SIGNED.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/	SHUNTTEMP	K	CSHTtemp - Cryo-cooler thermal shunt temperature		x

Table Name	Parameter	Final Units	Description	Origin	Conversion
] 1.1 2003/11/11					
SJFETVSS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SJFETVSS.ATAB] 1.8 2006/10/18	SSWJFET1V SSWJFET2V SLWJFET1V	V V V	SSW JFET Source Voltage for Channel 1 SSW JFET Source Voltage for Channel 2 SLW JFET Source Voltage		-x*0.019333000
SL0TEMP.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SL0TEMP.ATAB] 1.3 2004/03/02	SL0TEMP	K	SL0temp - Spectrometer detector box temperature		Conversion Table
SL0TEMP_T_SL0.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SL0TEMP_T_SL0.ATAB] 1.8 2006/10/18	SL0TEMP	K	SL0temp - Spectrometer detector box temperature		Conversion Table
SLW_BIAS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/	SLWBIAS	mV	SpectroBiasAmpl for Spectro MW Channels		+x*0.69183100

Table Name	Parameter	Final Units	Description	Origin	Conversion
spire/ param/ tables/ SLW_BIAS.ATAB] 1.2 2006/10/18					
SMECENCFINE-POSN.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECENCFINE-POSN.ATAB] 1.5 2006/10/18	SMECENCFINE-POSN	nm	EncoderFine-Position		+x*1.0000000
SMECENCP-WR.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECENCP-WR.ATAB] 1.4 2006/10/18	SMECENCPWR	W -6	SEncoderPwr		+x*1.0000000
SMECIFTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECIFTEMP.ATAB] 1.3 2004/03/05	SMECIFTEMP	K	FTSStemp - SMEC/SOB I/F temperature		Conversion Table
SME-CI-FTEMP_T_FTSS.AT	SMECIFTEMP	K	FTSStemp - SMEC/SOB I/F temperature		Conversion Table

Table Name	Parameter	Final Units	Description	Origin	Conversion
AB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECIFTEMP_T_FTSS.ATAB] 1.10 2007/01/30					
SMECLVDTSCALE.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECLVDTSCALE.ATAB] 1.4 2006/10/18	SMECLVDTSCALE	mm	LVDTScale		+x*0.00012200000
SMECMOTORCURR.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECMOTORCURR.ATAB] 1.3 2007/01/30	SMECMOTORCURR	mA	SMotorCurrent		-100.00305+x*0.0030520000
SMECMOTORVOLT.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/	SMECMOTORVOLT	V	SMECMOTORVOLT		-0.50000000+x*1.5259000e-005

Table Name	Parameter	Final Units	Description	Origin	Conversion
spire/ param/ tables/ SMECMOTOR-VOLT.ATAB] 1.2 2007/01/30					
SMECPOSI-TION.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECPOSI-TION.ATAB] 1.7 2009/01/21	SCANSTART SCANEND SMECLVDTOFFSET SMECENCPOSN SMECLVDTPOSN COMPLVDTPOSN SMECTRAJPOSN SMECPOSNDELTA	mm mm mm mm mm ? mm mm	STrajStartPos STrajEndPos LVDTOffset SEncoder Incr-Position LVDT position ? TrajectoryPosi-tion EncLVDTPos-Delta - Position difference en-coder/lvdt home		+x*0.0010000000
SMECPOSNERR-OR.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECPOSNERR-OR.ATAB] 1.4 2007/03/06	SMECSCAN-POSNERR	nm	MeanPosition-Error		+x*10.000000
SMEC-SCANSPEED.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMEC-	SCANFSPEED SCANRSPEED SMECMEANSPEED	mm/s mm/s mm/s	SScanFwdSpeed SScanRevSpeed MeanSpeed		+x*0.0001000000

Table Name	Parameter	Final Units	Description	Origin	Conversion
SCANSPEED.ATAB] 1.6 2009/01/21					
SMECTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECTEMP.ATAB] 1.2 2004/03/02	SMECTEMP	K	FTSMtemp - SMEC mechanism temperature		Conversion Table
SMECTEMP_T_FTSM.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECTEMP_T_FTSM.ATAB] 1.10 2007/01/30	SMECTEMP	K	FTSMtemp - SMEC mechanism temperature		Conversion Table
SPECHTRBIAS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SPECHTRBIAS.ATAB] 1.8 2006/10/18	SPECHTRV	V	Spectro Heater Bias		-x*0.019608000
SPECTROMETER_BIAS.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.c	SSWBIAS SLWBIAS	mV mV	SpectroBiasAmpl for Spectro SW Channels		+x*0.97647100

Table Name	Parameter	Final Units	Description	Origin	Conversion
gi/devel-op/ main/her-schel/ spire/ param/ tables/ SPECTROMET-ER_BIAS.ATAB] 1.2 2006/02/02			SpectroBi-asAmpl for Spectro MW Channels		
SPHSV.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/SPHSV.ATAB] 1.6 2006/10/18	EVHSV	mV	EVHSHeatB		-0.14647700+x*0.025519000
SPHTRV.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/ SPHTRV.ATAB] 1.10 2006/10/18	SPHTRV	V	SPHeaterB		-0.0038440000+x*0.00061500000
SP_AND_EV_HSV.ATAB [ht-tp://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/ main/her-schel/ spire/ param/ tables/ SP_AND_EV_HSV.ATAB] 1.5 2005/01/13	EVHSV	mV	EVHSHeatB		+x*0.025445300
SSW_BIAS.ATAB [ht-	SSWBIAS	mV	SpectroBi-asAmpl for		+x*0.69170600

Table Name	Parameter	Final Units	Description	Origin	Conversion
tp://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SSW_BIAS.ATAB] 1.2 2006/10/18			Spectro SW Channels		
SUBKTEMP.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SUBKTEMP.ATAB] 1.4 2004/03/02	SUBKTEMP	K	CEVTemp - Cryo-cooler evaporator temperature		Conversion Table
SUBKTEMP_T_CEV.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SUBKTEMP_T_CEV.ATAB] 1.12 2006/10/18	SUBKTEMP SUBKTEMP_C	K K	CEVTemp - Cryo-cooler evaporator temperature CEVTemp		Conversion Table
SUBSDELAY.ATAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/	MCUSSDEL SCUSSDEL	ms ms	Subsystem Delay Subsystem Delay		+x*0.0032000000

Table Name	Parameter	Final Units	Description	Origin	Conversion
SUBSDELAY.ATAB] 1.1 2006/10/18					
TCHTRV.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/TCHTRV.ATAB] 1.10 2006/10/18	TCHTRV	V	TCHeaterB		-0.00048100000+x*7.3000000e-005
TCTEMPS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/TCTEMPS.ATAB] 1.3 2006/10/18	TC1TEMP TC2TEMP TC3TEMP	mV mV mV	T/C 1 T/C 2 T/C 3		+x*3.8000000e-005
TC_BIAS.ATAB [http://www.rssd.esa.int/her-schel_scripts/cvsweb.cgi/devel-op/main/her-schel/spire/param/tables/TC_BIAS.ATAB] 1.4 2006/10/18	TCBIAS	mV	PhotoBiasAmpl for Photo TC Channels		+x*0.99711800

1.2. "ETAB" Housekeeping Conversion Tables (Status values)

Table 1.2. "ETAB" Housekeeping Conversion Tables (Status values)

Table Name	Parameter	Conversion	Description
BBTYPE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BBTYPE.ETAB]	BBTYPE	*see separate table	Building Block Type (14 bits)
BBTYPES.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BBTYPES.ETAB]	BBFULLTYPE	*see separate table	Building Block Full Type (16 bits)
BIASMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BIASMODE.ETAB]	PHOTBIASMODE SPECBIASMODE	*see separate table	PhotoBiasMode SpectroBiasMode
BSMSTATUS.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/BSMSTATUS.ETAB]	BSMSTAT	*see separate table	BSMStatus
CHOPLOOPMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/CHOPLOOPMODE.ETAB]	CHOPLOOPMODE	0 OPEN 1 CLOSED_MRSENSOR 3 NO_SENSOR_BEMF	ChopLoopMode
CHOPMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/CHOPMODE.ETAB]	BSMMODE	0 AXES_INDEPENDENT 1 AXES_SYNCH 2	BSMMove

Table Name	**Parameter**	**Con-ver-sion**	**Description**
		TEST_ PAT-TERN	
CUC.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/CUC.ETAB]	BSMMODE	[min,max] cucTo Date(x)	BSMMove
DCUDATAFRMS.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DCUDATAFRMS.ETAB]	DCUDATAFRMS	*see separate table	FrameCount
DCUDATAMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DCUDATAMODE.ETAB]	DCUDATAMODE	*see separate table	DataMode
DCUDATASTAT.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/	DCUDATASTAT	0 OFF 1 RUN	StartFrame

Table Name	**Parameter**	**Con-ver-sion**	**Description**
]			
DIRECTION.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/DIRECTION.ETAB]	SMECSCANDIR	0 UP 1 DOWN	SMECSCANDIR
FAULT.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/FAULT.ETAB]	LIAP1STAT LIAP2STAT LIAP3STAT LIAP4STAT LIAP5STAT LIAP6STAT LIAP7STAT LIAP8STAT LIAP9STAT LIAS1STAT LIAS2STAT LIAS3STAT MCURAMTSTPROG MCURAMTSTDATA SMECFLAG LIAP1STAT_C LIAP2STAT_C LIAP3STAT_C LIAP4STAT_C LIAP5STAT_C LIAP6STAT_C LIAP7STAT_C LIAP8STAT_C LIAP9STAT_C LIAS1STAT_C LIAS2STAT_C	0 OK 1 FAULT	LIAP1STAT LIAP2STAT LIAP3STAT LIAP4STAT LIAP5STAT LIAP6STAT LIAP7STAT LIAP8STAT LIAP9STAT LIAS1STAT LIAS2STAT LIAS3STAT MCURAMTSTPROG MCURAMTSTDATA SMECFLAG LIAP1STAT_C LIAP2STAT_C LIAP3STAT_C LIAP4STAT_C LIAP5STAT_C LIAP6STAT_C LIAP7STAT_C LIAP8STAT_C LIAP9STAT_C LIAS1STAT_C LIAS2STAT_C

Table Name	**Parameter**	**Con-ver-sion**	**Description**
	LIAS3STAT_C		LIAS3STAT_C
HSIFMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/HSIFMODE.ETAB]	DCUHSIFMODE MCUHSIFMODE SCUHSMODE	0 NOM-INAL 1 TRAN SPAR-ENT	DCUHSIFMODE MCUHSIFMODE SCUHSMODE
INITIALISE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/INITIALISE.ETAB]	SMECINIT	0 NOTI NIT/ LOST 1 INIT	SMECINIT
JIGGLOOPMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/JIG-GLOOPMODE.ETAB]	JIGGLOOPMODE	0 OPEN 1 CLOS ED_M RSEN SOR 3 NO_S EN-SOR_ BEMF	JigLoopMode
LSIFSTAT.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/]	DCULSIFSTAT MCULSIFSTAT SCULSIFSTAT	0 ALIV E 1 SICK 2 DEAD	DCULSIFSTAT MCULSIFSTAT SCULSIFSTAT

Table Name	**Parameter**	**Con-ver-sion**	**Description**
]			
MCUBOOTMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MCUBOOTMODE.ETAB]	MCUBOOTMODE	0 PROM 1 OTHER	MCUBOOTMODE
MCUFRAMESTAT.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MCUFRAMESTAT.ETAB]	MCUFRAMESTART	0 NOTSENT 1 SENT	FrameStart
MCUPROM2RAMCOPY.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MCUPROM2RAMCOPY.ETAB]	MCUPROM2RAMCOPY	0 DONE 1 INPROGRESS	MCUPROM2RAMCOPY
MCURAMINGETRITY.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/]	MCURAMINTEGRITY	0 DONE 1 NOTDONE	MCURAMINTEGRITY

Table Name	**Parameter**	**Conversion**	**Description**
]			
MODES.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MODES.ETAB]	MODE	*see separate table	Observing Mode - set by command
OBSVER3.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/	OBSVER3 OBSVER3_C	*see separate table	OBSVER3 OBSVER3_C

Table Name	Parameter	Con-ver-sion	Description
]			
OFFON.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/OFFON.ETAB]	SPECJFETSTAT	0 OFF 1 ON	SPECJFETSTAT
ON.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/ON.ETAB]	PSW_VDD_JFET1 PSW_VDD_JFET2 PSW_VDD_JFET3 PSW_VDD_JFET4 PSW_VDD_JFET5 PSW_VDD_JFET6 PMW_VDD_JFET1 PMW_VDD_JFET2 PMW_VDD_JFET3 PMW_VDD_JFET4 PLW_VDD_JFET1 PLW_VDD_JFET2 TC_VDD_JFET SLW_VDD_JFET1 SSW_VDD_JFET1 SSW_VDD_JFET2 MCUPCKT10STAT MCUPCKT12STAT MCUPCKT14STAT MCUPCKT15STAT SMECLVDTPWR CHOPSENSPWR JIGGSENSPWR PLIABITSTAT SLIABITSTAT MCUBITSTAT	0 OFF 1 ON	PSW_VDD_JFET1 PSW_VDD_JFET2 PSW_VDD_JFET3 PSW_VDD_JFET4 PSW_VDD_JFET5 PSW_VDD_JFET6 PMW_VDD_JFET1 PMW_VDD_JFET2 PMW_VDD_JFET3 PMW_VDD_JFET4 PLW_VDD_JFET1 PLW_VDD_JFET2 TC_VDD_JFET SLW_VDD_JFET1 SSW_VDD_JFET1 SSW_VDD_JFET2 MCUPCKT10STAT MCUPCKT12STAT MCUPCKT14STAT MCUPCKT15STAT SLVDTPwr CSensorPwr JSensorPwr PLIABITSTAT SLIABITSTAT MCUBITSTAT

Table Name	Parameter	Conversion	Description
	PSW_VDD_JFET1_C		PSW_VDD_JFET1_C
	PSW_VDD_JFET2_C		PSW_VDD_JFET2_C
	PSW_VDD_JFET3_C		PSW_VDD_JFET3_C
	PSW_VDD_JFET4_C		PSW_VDD_JFET4_C
	PSW_VDD_JFET5_C		PSW_VDD_JFET5_C
	PSW_VDD_JFET6_C		PSW_VDD_JFET6_C
	PMW_VDD_JFET1_C		PMW_VDD_JFET1_C
	PMW_VDD_JFET2_C		PMW_VDD_JFET2_C
	PMW_VDD_JFET3_C		PMW_VDD_JFET3_C
	PMW_VDD_JFET4_C		PMW_VDD_JFET4_C
	PLW_VDD_JFET1_C		PLW_VDD_JFET1_C
	PLW_VDD_JFET2_C		PLW_VDD_JFET2_C
	TC_VDD_JFET_C		TC_VDD_JFET_C
	SLW_VDD_JFET1_C		SLW_VDD_JFET1_C
	SSW_VDD_JFET1_C		SSW_VDD_JFET1_C
	SSW_VDD_JFET2_C		SSW_VDD_JFET2_C
ONOFF.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/ONOFF.ETAB]	JIGGSENSPWR	0 ON 1 OFF	JSensorPwr
PHOTBIASMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/PHOTBIASMODE.ETAB]	PHOTBIASMODE	*see separate table	PhotoBiasMode
SCANMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SCANMODE.ETAB]	SCANMODE	*see separate table	STrajMode
SIGN.ETAB [http://www.rssd.esa.int/herschel_scripts/	SMECLVDTSIGN	0 NEGAT-	SMECLVDTSIGN

Table Name	Parameter	Con-ver-sion	Description
cvsweb.cgi/develop/main/herschel/		IVE 1 POS-ITIVE	

Table Name	**Parameter**	**Conversion**	**Description**
]			
SMECLATCHSTAT.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECLATCHSTAT.ETAB]	SMECLATCHSTAT	1 ENGAGED 2 DISENGAGED	SlaunchLatch (commanded latch status)
SMECLOOPMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SMECLOOPMODE.ETAB]	SMECLOOPMODE	*see separate table	SLoopMode
SPECBIASMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SPECBIASMODE.ETAB]	SPECBIASMODE	*see separate table	SpectroBiasMode
TMMODE.ETAB [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/]	TMMODE	0 NOMINAL 1 BURST	Telemetry Mode (Normal/Burst)

Table Name	Parameter	Con-ver-sion	Description
]			

Table 1.3. BBTYPE.ETAB

Status (hex)	Status (dec)	Value
0x8000	32768	NULL
0x8001	32769	CLEAR_OBS
0x8002	32770	START_OBS
0x8003	32771	END_OBS
0x8004	32772	PAUSE
0x8A00	35328	SCU_FRAMES
0x8A01	35329	DC
0x8A02	35330	PCAL
0x8A03	35331	SCAL4
0x8A04	35332	SCAL2
0x8A05	35333	AC
0x8A06	35334	COOLER
0x8A07	35335	SCU
0x8900	35072	MCU
0x8901	35073	MCUENG
0x8902	35074	SMEC
0x8903	35075	BSM
0x8904	35076	BSMSMEC
0x8200	33280	SMEC

Table 1.4. BBTYPES.ETAB

Status (hex)	Status (dec)	Value
0x8000	32768	Null
0x8001	32769	ClearObs
0x8002	32770	StartObs
0x8003	32771	EndObs
0x8004	32772	OBCP_chopped_photometry
0x8005	32773	Block_ClearHK
0x8006	32774	Block_DefineHK
0x8014	32788	DCU_Data
0x8021	32801	ClearObs_StandAlone
0x8022	32802	StartObs_StandAlone
0x8023	32803	EndObs_StandAlone
0x8025	32805	CCS_ClearObs
0x8026	32806	CCS_StartObs
0x8027	32807	CCS_EndObs

Status (hex)	Status (dec)	Value
0x8069	32873	SCU_PCAL_Freq
0x80D3	32979	PHOT_aot_prologue
0x8100	33024	BSM_SwitchOn
0x810A	33034	InitialiseBSMchop
0x810B	33035	SwitchBSMoff
0x810C	33036	SetChopTarget
0x810D	33037	SetJiggleTarget
0x810E	33038	InitialiseBSMjiggle
0x8110	33040	BSM_Chop
0x8111	33041	StepAndChop
0x8120	33056	BSM_Raster
0x8121	33057	BSM_Raster_Loop
0x8200	33280	Initialise_FTS
0x8201	33281	Switch_On_FTS
0x8203	33283	Scan_FTS
0x8205	33285	SMEC_LED_Levels
0x820A	33290	SMEC_Off
0x820C	33292	Step_Look_FTS
0x8210	33296	SMECm_Scan
0x8300	33536	PCAL
0x8301	33537	PCAL_OFF
0x8302	33538	PCAL_Flash
0x8305	33541	PCAL_Bias
0x830A	33546	Block_PCAL
0x8400	33792	SCAL2
0x8401	33793	SCAL4
0x8500	34048	PF_BDA_On
0x8501	34049	PSW_BDA_On
0x8502	34050	PMW_BDA_On
0x8503	34051	PLW_BDA_On
0x8504	34052	PF_BDA_Off
0x8505	34053	PSW_BDA_Off
0x8506	34054	PMW_BDA_Off
0x8507	34055	PLW_BDA_Off
0x8508	34056	PLWJFetSwitchOn
0x8509	34057	PLWJFetSwitchOff
0x8600	34304	SF_BDA_On
0x8601	34305	SSW_BDA_On
0x8602	34306	SLW_BDA_On
0x8603	34307	SF_BDA_Off
0x8604	34308	SSW_BDA_Off
0x8605	34309	SLW_BDA_Off
0x8800	34816	PF_Data_QLA
0x8801	34817	SF_Data_QLA

Status (hex)	Status (dec)	Value
0x8802	34818	PSW_Data_QLA
0x8803	34819	PMW_Data_QLA
0x8804	34820	PLW_Data_QLA
0x8805	34821	SSW_Data_QLA
0x8806	34822	SLW_Data_QLA
0x8807	34823	PFTest_Patt
0x8808	34824	SFTest_Patt
0x8809	34825	Phot_LIAs_On
0x880A	34826	Spec_LIAs_On
0x880B	34827	PSWTest_Patt
0x880C	34828	PMWTest_Patt
0x880D	34829	PLWTest_Patt
0x880E	34830	SSWTest_Patt
0x880F	34831	SLWTest_Patt
0x8810	34832	Phot_LIAs_Check
0x8811	34833	Phot_LIAs_Off
0x8814	34836	Block_Phase
0x8816	34838	POffset_Manual
0x8817	34839	SOffset_Manual
0x8818	34840	PJFET_Htr_Test
0x8819	34841	SJFET_Htr_Test
0x881A	34842	PJFET_Vss_Test
0x881B	34843	SJFET_Vss_Test
0x881C	34844	P_Phase_Shift
0x881D	34845	S_Phase_Shift
0x881E	34846	POffset_Auto
0x881F	34847	SOffset_Auto
0x8820	34848	PBias_Freq
0x8821	34849	SBias_Freq
0x8822	34850	PSWJFET_Vss_Test
0x8823	34851	PMWJFET_Vss_Test
0x8824	34852	PLWJFET_Vss_Test
0x8826	34854	Setup_PF_Data
0x8827	34855	Setup_SF_Data
0x8828	34856	Setup_PSW_Data
0x8829	34857	Setup_PMW_Data
0x882A	34858	Setup_PLW_Data
0x882B	34859	Setup_SSW_Data
0x882C	34860	Setup_SLW_Data
0x882E	34862	SSWJFET_Vss_Test
0x882F	34863	SLWJFET_Vss_Test
0x8830	34864	Setup_TC
0x8831	34865	PJFET_Vss_TestC
0x8832	34866	SJFET_Vss_TestC

Status (hex)	Status (dec)	Value
0x8835	34869	Start_DCU_Data
0x8836	34870	Stop_DCU_Data
0x8840	34880	PFBias_Ampl
0x8841	34881	PSWBias_Ampl
0x8842	34882	PMWBias_Ampl
0x8843	34883	PLWBias_Ampl
0x8844	34884	SFBias_Ampl
0x8845	34885	SSWBias_Ampl
0x8846	34886	SLWBias_Ampl
0x8847	34887	TCBias_Ampl
0x8850	34896	PF_Phase
0x8851	34897	PSW_Phase
0x8852	34898	PMW_Phase
0x8853	34899	PLW_Phase
0x8854	34900	SF_Phase
0x8855	34901	SSW_Phase
0x8856	34902	SLW_Phase
0x8857	34903	TC_Phase
0x8900	35072	MCU_Boot
0x8901	35073	MCU_ENG_generation
0x8902	35074	MCU_SMEC_generation
0x8903	35075	MCU_BSM_generation
0x8904	35076	MCU_SMECandBSM_generation
0x8905	35077	MCU_TEST_generation
0x8906	35078	StartMCUdata
0x8907	35079	StopMCUdata
0x8908	35080	MCU_Off
0x8909	35081	Setup_MCU_Data
0x890A	35082	Start_SMEC_MCUENG_data
0x8A00	35328	SCU_Nom_Data
0x8A01	35329	SCU_DC_Therm
0x8A02	35330	PCAL_Check
0x8A03	35331	SCAL4_Check
0x8A04	35332	SCAL2_Check
0x8A05	35333	SCU_AC_Therm
0x8A06	35334	Cooler_Htr_Check
0x8A07	35335	SCUTest_Patt
0x8A08	35336	BB_CREC_VM
0x8A0A	35338	SCU_Therm_On
0x8A10	35344	SCU_Therm_Off
0x8B10	35600	Flip_Mirror
0x8B11	35601	Block_CBB
0x8B12	35602	Block_HBB
0x8B14	35604	Step_Look_Scan

Status (hex)	Status (dec)	Value
0x8B15	35605	Pupil_Scan
0x8C00	35840	DPU_Switch_ON
0x8D00	36096	PCAL_FTable0
0x8D01	36097	Flash_Table
0x8D02	36098	Chop_Function
0x8D03	36099	JiggleMap
0x8D04	36100	SCAL
0x8D05	36101	PTC_Test
0x8D06	36102	Functions
0x8D07	36103	Chop
0x8D08	36104	DCUHK
0x8D0B	36107	PTC
0x8D0C	36108	Math
0x8D0D	36109	JM07
0x8D0E	36110	CREC
0x8D0F	36111	BSMMove
0x8D10	36112	Flash
0x8D11	36113	JM64
0x8D12	36114	SM01
0x8D13	36115	SM04
0x8D14	36116	SM16
0x8E00	36352	PF_BeamPeakUp
0x8E01	36353	PSW_BeamPeakUp
0x8E02	36354	PMW_BeamPeakUp
0x8E03	36355	PLW_BeamPeakUp
0x8E04	36356	PFBeamPeakUp_SMECScan
0x8E05	36357	PSWBeamPeakUp_SMECScan
0x8E06	36358	PMWBeamPeakUp_SMECScan
0x8E07	36359	PLWBeamPeakUp_SMECScan
0x8F00	36608	TFTS_Scan
0x8F01	36609	SSW_BeamPeakUp
0x8F02	36610	SLW_BeamPeakUp
0x8F03	36611	SF_BeamPeakUp
0x8F04	36612	SFBeamPeakUp_SMECScan
0x8F05	36613	SSWBeamPeakUp_SMECScan
0x8F06	36614	SLWBeamPeakUp_SMECScan
0x8F07	36615	PF_BDA_On_No_Jfets
0x8F08	36616	PSW_BDA_On_No_Jfets
0x8F09	36617	PMW_BDA_On_No_Jfets
0x8F0A	36618	PLW_BDA_On_No_Jfets
0xA020	40992	SpireBbPOF2Config
0xA021	40993	SpireBbPOF2Init
0xA022	40994	SpireBbPOF2End
0xA030	41008	SpireBbPOF3Config

Status (hex)	Status (dec)	Value
0xA031	41009	SpireBbPOF3Init
0xA032	41010	SpireBbPOF3End
0xA050	41040	SpireBbPOF5Config
0xA051	41041	SpireBbPOF5Init
0xA052	41042	SpireBbPOF5End
0xA090	41104	SpirePacsBbParallelConfig
0xA092	41106	SpirePacsBbParallelEnd
0xA0B0	41136	SpireBbSOF1Config
0xA0B1	41137	SpireBbSOF1Init
0xA0B2	41138	SpireBbSOF1End
0xA0C0	41152	SpireBbSOF2Config
0xA0C1	41153	SpireBbSOF2Init
0xA0C2	41154	SpireBbSOF2End
0xA101	41217	SpireBbChop
0xA103	41219	SpireBbScanLine
0xA104	41220	SpireBbPhotSerendipity
0xA105	41221	SpireBbSpecSerendipity
0xA106	41222	SpireBbFtsScan
0xA107	41223	SpireBbBsmMove
0xA108	41224	SpireBbStartDcuData
0xA109	41225	SpireBbStopDcuData
0xA321	41761	SpireBbJiggle
0xA801	43009	SpireBbPcalFlash
0xAF00	44800	SpireBbMove
0xAF01	44801	SpireBbObsConfig
0x8C01	35841	DRCU_ON
0x8C02	35842	DRCU_OFF
0x8A0C	35340	SCU_Off
0x8A0D	35341	Crec_On
0x8A09	35337	Crec_Off
0xB6B1	46769	SpireBb_StartupObs
0xB6B2	46770	SpireBb_StartDcuData
0xB6B3	46771	SpireBb_StopDcuData
0xB6B4	46772	SpireBb_EndObs
0xB6B5	46773	SpireBb_PhotFSetupData
0xB6B6	46774	SpireBb_PhotFSetBiasAmpl
0xB6B7	46775	SpireBb_PhotOffsetAuto
0xB6B8	46776	SpireBb_PhotFTakeData
0xB6B9	46777	SpireBb_PCALFlash
0xB6BA	46778	SpireBb_PhotFSetPhase
0xB6BB	46779	SpireBb_Chop
0xB6BC	46780	SpireBb_SpecFSetPhase
0xB6BD	46781	SpireBb_SpecFSetupData
0xB6BE	46782	SpireBb_SpecFTakeData

Status (hex)	Status (dec)	Value
0xB6BF	46783	SpireBb_SpecOffsetAuto
0xB6C0	46784	SpireBb_SpecFSetBiasAmpl
0xB6C1	46785	SpireBb_MoveBsm2Hold
0xB6C2	46786	SpireBb_MoveSmec2Home
0xB6C3	46787	SpireBb_MoveSmec
0xB6C4	46788	SpireBb_ScanSmec
0xB6C5	46789	SpireBb_Serendipity
0x8ED8	36568	Monitor
0x8ED9	36569	CtrlOff
0x8EDA	36570	REDY
0x8EDB	36571	Autonomy
0x8EDC	36572	SAFE
0x8EDD	36573	FDIR_Action1
0x8EDE	36574	FDIR_Action2
0x8EDF	36575	FDIR_Action3
0x8EE0	36576	FDIR_Action4
0x8EE1	36577	FDIR_Action5

Table 1.5. BIASMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	OFF
0x1	1	DC001
0x2	2	DC002
0xFD	253	DC253
0xFE	254	DC252
0xFF	255	SINE

Table 1.6. BSMSTATUS.ETAB

Status (hex)	Status (dec)	Value
0x0	0	OK
0x1	1	CHOPERROR
0x2	2	JIGGLEERROR
0x3	3	C-JERRORS

Table 1.7. DCUDATAFRMS.ETAB

Status (hex)	Status (dec)	Value
0x0	0	CONTINUOUS
0x1	1	1
0x2	2	2
0x3	3	3

Status (hex)	Status (dec)	Value
0xFE	254	254
0xFF	255	255

Table 1.8. DCUDATAMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	PHOT
0x1	1	PSW
0x2	2	PMW
0x3	3	PLW
0x4	4	SPEC
0x5	5	SSW
0x6	6	SLW
0x8	8	PTEST
0xC	12	STEST
0x10	16	POFFSET
0x14	20	SOFFSET
0x18	24	POFFGET
0x1C	28	SOFFGET

Table 1.9. MODES.ETAB

Status (hex)	Status (dec)	Value
0x100	256	DRCU_ON
0x200	512	REDY
0x300	768	PHOTSTBY
0x400	1024	SPECSTBY
0x600	1536	CREC
0x900	2304	SAFE
0x310	784	POF1
0x320	800	POF2
0x330	816	POF3
0x340	832	POF4
0x350	848	POF5
0x360	864	POF6
0x370	880	POF7
0x380	896	POF8
0x500	1280	PARALLEL
0x410	1040	SOF1
0x420	1056	SOF2
0x430	1072	SOF3
0x440	1088	SOF4
0x490	1168	SOF5
0x0	0	DPU_ON

Status (hex)	Status (dec)	Value
0x1	1	DRCU_START
0xFF	255	DRCU_OFF
0x101	257	SCU_ON
0x1FF	511	SCU_OFF
0x102	258	MCU_BOOT
0x1FE	510	MCU_OFF
0x203	515	PDET_ON
0x2FE	766	PDET_OFF
0x201	513	BSM_ON
0x2FF	767	BSM_OFF
0x202	514	BSM_INIT
0x204	516	SMEC_ON
0x205	517	SMEC_INIT
0x2FC	764	SMEC_OFF
0x206	518	SDET_ON
0x2FD	765	SDET_OFF
0x207	519	CREC_ON
0x5FF	1535	CREC_OFF
0x3E8	1000	ENG_CAL_OBS

Table 1.10. OBSVER3.ETAB

Status (hex)	Status (dec)	Value
0x0	0	0
0x1	1	A
0x2	2	B
0x3	3	C
0x4	4	D
0x5	5	E
0x6	6	F
0x7	7	G
0x8	8	H
0x9	9	I
0xA	10	J
0xB	11	K
0xC	12	L
0xD	13	M
0xE	14	N
0xF	15	O
0x10	16	P
0x11	17	Q
0x12	18	R
0x13	19	S
0x14	20	T

Status (hex)	Status (dec)	Value
0x15	21	U
0x16	22	V
0x17	23	W
0x18	24	X
0x19	25	Y
0x1A	26	Z

Table 1.11. PHOTBIASMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	OFF
0x1	1	DC001
0x2	2	DC002
0xFD	253	DC253
0xFE	254	DC252
0xFF	255	SINE

Table 1.12. SCANMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	STOP
0x1	1	STEP
0x2	2	SAWTOOTH
0x4	4	INIT

Table 1.13. SMECLOOPMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	OPENDAC
0x1	1	CLOSEDENC0-1
0x4	4	CLOSEDONLVDT
0x6	6	OPENFEEDCBEMF

Table 1.14. SPECBIASMODE.ETAB

Status (hex)	Status (dec)	Value
0x0	0	OFF
0x1	1	DC001
0x2	2	DC002
0xFD	253	DC253
0xFE	254	DC252
0xFF	255	SINE

1.3. Configuration Tables (TXT)

Table 1.15. Configuration Tables (TXT)

Table Name	Description	Date modified
Detector_Mappings.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/Detector_Mappings.txt]	Detector mappings for different configurations	1.6 2008/03/11
MCU_HK_LUT.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/MCU_HK_LUT.txt]		2007/01/24 17:08:07
SPIRE_Param_DB.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SPIRE_Param_DB.txt]	#Parameter Description	2009/01/23 16:04:58
SPIRE_PLW_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SPIRE_PLW_Pixel_Mapping.txt]	Mapping bolometer names to the packet parameter names.	
SPIRE_PMW_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/tables/SPIRE_PMW_Pixel_Mapping.txt]	Mapping bolometer names to the packet parameter names.	
SPIRE_PSW_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/cvsweb.cgi/develop/main/herschel/spire/param/	Mapping bolometer names to the packet parameter names.	

Table Name	Description	Date modified
tables/ SPIRE_PSW_Pixel_Mapping.txt]		
SPIRE_PTC_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/ cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/ SPIRE_PTC_Pixel_Mapping.txt]	Mapping bolometer names to the packet parameter names.	
SPIRE_QLATable_Selection.txt [http://www.rssd.esa.int/herschel_scripts/ cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/ SPIRE_QLATable_Selection.txt]	File to be used by QLA to determine which tagged version of the	1.21 2009/01/21
SPIRE_SID_Table.txt [http://www.rssd.esa.int/herschel_scripts/ cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/SPIRE_SID_Table.txt]	SID database for SPIRE QLA	1.26 2009/01/21
SPIRE_SLW_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/ cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/ SPIRE_SLW_Pixel_Mapping.txt]	Mapping bolometer names to the packet parameter names.	
SPIRE_SSW_Pixel_Mapping.txt [http://www.rssd.esa.int/herschel_scripts/ cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/ SPIRE_SSW_Pixel_Mapping.txt]	Mapping bolometer names to the packet parameter names.	
SPIRE_Subsystem_Table.txt [http://www.rssd.esa.int/herschel_scripts/	Subsystem database for SPIRE QLA	1.2 2004/08/05

Table Name	Description	Date modified
cvsweb.cgi/develop/main/herschel/ spire/ param/ tables/ SPIRE_Subsystem_Table.txt]		