1. INTRODUCTION

This note takes the Naming Convention Specification (H-P-1-ASPI-SP-0141) for the Herschel/Planck satellites' database and applies it to the SPIRE instrument to provide a recommended naming convention for the SPIRE Mission Implementation Base (MIB).

The SPIRE MIB contains Monitor and Command packets, Monitor and Command parameters plus the corresponding calibration curves and displays.

The following naming convention shall be used:

Item	**scos-name**	Name	Convention
Command parameter	cpc_pname	**SP**innppp	5130
Monitor parameter	pcf_name	**SM**innppp	5130
Command packet	ccf_cname	**SC**innppp	4580
Monitor packet	pid_spid	tttnnnppp	4380
Command num calibration	cca_numbr	tttnnnrrr	5370
Command txt calibration	paf_numbr	tttnnnrrr	5370
Monitor num calibration	caf_numbr	tttnnnrrr	5370
Monitor txt calibration	txf_numbr	tttnnnrrr	5370
Polynomial calibration	mcf_numbr	tttnnnrrr	5370
Numerical display	and	**SA**innppp	6100
Graphical display	grd	**SG**innppp	6110
Scrolling display	srd	**SL**innppp	6130

Where:
- i is the System Element ID (see section 2.1)
- nn, nnn and nnnn are running numbers starting at zero and incrementing
- ttt is the System Element number (see section 2.1)
- rrr is the Real Element number (see section 2.3)
- ppp is the Position Identifier (see section 2.2)

2. IDENTIFIERS

Identifiers are defined in the Naming Convention Specification with SPIRE allocated particular numbers and characters for the various fields. This section defines how these are used in the SPIRE naming convention.

2.1 System Elements

Each distinct type of subsystem in the instrument (called a System Element Type) is assigned a unique id and number:

System Element Type	ID	Number
OBS	B	480
DPU	P	490
DCU	D	500

MCU	M	510
SCU	S	520

2.2 Position Identifiers

Each model of the instrument (including a 'theoretical' model) is composed of a set of System Elements. This may include more than one System Element of any given type. Each distinct System Element for each instrument model is assigned a unique number. This unique number is also used as the Position Identifier.

System Element	Model				
	Theoretical	AVM	QM	FM	FS
OBS	480	481	483	485	487
DPU	490	491[1] 492[2]	493[1] 494[2]	495[1] 496[2]	497[1] 498[2]
DCU	500	501	503	505	507
MCU	510	511	513	515	517
SCU	520	521	523	525	527

1. Valid for prime element
2. Valid for redundant element

2.3 Real Element Numbers

These numbers identify individual configurations of each System Element (there may be more than one configuration if, for example, electronic boards have to be exchanged during testing). The table below gives the Real Element Number for the first configuration of the System Element. They should be incremented by 1 for each new configuration.

System Element	Model			
	AVM	QM	FM	FS
OBS	100	300	500	700
DPU	100[1] 200[2]	300[1] 400[2]	500[1] 600[2]	700[1] 800[2]
DCU	100	300	500	700
MCU	100	300	500	700
SCU	100	300	500	700

1. Valid for prime element
2. Valid for redundant element