

Telemetry description

Payload Name	Telemetry ID	Telemetry Name	Unut	Description	Example
SCOF	J#P0500J03030	year	year	Recording Time: year	YYYY/MM/DD HH:MM:SS
SCOF	J#P0500J03040	day_of_month	day	Recording Time: month day	YYYY/MM/DD HH:MM:SS
SCOF	J#P0500J03050	hour	hour	Recording Time: hour	YYYY/MM/DD HH:MM:SS
SCOF	J#P0500J03058	minute	minute	Recording Time: minute	YYYY/MM/DD HH:MM:SS
SCOF	J#P0500J03060	second	second	Recording Time: second	YYYY/MM/DD HH:MM:SS
SCOF	J#P0500J03110	Exp_Cntl_Time1	second	Experiment Control Time 1 (*1)	4227
SCOF	J#P0500J03130	Cell_Posn_X_MT14	mm	Cell Position X	-0.25
SCOF	J#P0500J03140	Cell_Posn_Y_MT15	mm	Cell Position Y	2.5
SCOF	J#P0500J03150	Cell_Posn_Z_MT16	mm	Cell Position Z	0.24297
SCOF	J#P0500J03210	Exp_Cntl_Time2	second	Experiment Control Time 2 (*1)	4227
SCOF	J#P0500J04030	Std_TS1	degree C	Temperature of Cold Side of Specimen Cell 1	15.140871
SCOF	J#P0500J04040	Std_TS2	degree C	Temperature of Hot Side of Specimen Cell 1	45.125364
SCOF	J#P0500J04050	Std_TS3	degree C	Temperature of Cold Side of Specimen Cell 2	16.404871
SCOF	J#P0500J04060	Std_TS4	degree C	Temperature of Hot Side of Specimen Cell 2	46.41073
SCOF	J#P0500J04110	High_TS9	degree C	Accurate Temperature of Cold Side of Specimen Cell 1	15.165143
SCOF	J#P0500J04120	High_TS10	degree C	Accurate Temperature of Hot Side of Specimen Cell 1	44.979012
SCOF	J#P0500J04130	High_TS11	degree C	Accurate Temperature of Cold Side of Specimen Cell 2	16.330851
SCOF	J#P0500J04140	High_TS12	degree C	Accurate Temperature of Hot Side of Specimen Cell 2	46.246431
SCOF	J#P0500J05030	TC1	degree C	Temperature in Crystal or Solution in Specimen Cell 1	33.788627
SCOF	J#P0500J05040	TC2	degree C	Temperature in Crystal or Solution in Specimen Cell 1	36.095945
SCOF	J#P0500J05050	TC3	degree C	Temperature in Crystal or Solution in Specimen Cell 2	35.164989
SCOF	J#P0500J05060	TC4	degree C	Temperature in Crystal or Solution in Specimen Cell 2	37.539882
SCOF	J#P0500J05160	TM1	ampare	Thermo Module current for Cold Side of Specimen Cell 1	0.1148
SCOF	J#P0500J05170	TM2	ampare	Thermo Module current for Hot Side of Specimen Cell 1	-1.49035
SCOF	J#P0500J05200	TM5	ampare	Thermo Module current for Cold Side of Specimen Cell 2	0.17015
SCOF	J#P0500J05210	TM6	ampare	Thermo Module current for Hot Side of Specimen Cell 2	-1.55595

*1: Experiment Control Time is the time counter of the experiment sequence.

Acronym

Acronym	Meaning	Description
AMT	Amplitude Modulation Transmission Microscope	-
BF	Bright Field Microscope	-
High_TS	High accuracy Thermistor	-
LED	Light-Emitting Diode	-
LD	Laser Diode	-
RT	Room Temperature	-
Std_TS	Standard Thermistor	-
SCOF	Solution Crystallization Observation Facility	-
TC	Thermo Couple	-
TM	Thermo Module	-
Tm	Melting Point	-