InterfaceHouseKeeping message structure

DataItem1		DataItem2		DataItem3		DataItem4	
0	1	2	3	4	5	6	7

DataItem5		DataItem6		DataItem7		DataItem8	
8	9	10	11	12	13	14	15

Legend: *DataItem1*: Nominal transceiver circuit voltage (double). *DataItem2*: Redundant transceiver circuit voltage (double). *DataItem3*: Internal power supply measured with nominal ADC (double). *DataItem4*: Internal power supply measured with redundant ADC (double). *DataItem5*: Main board PCB temperature measured by sensor 1 (double). *DataItem6*: Main board PCB temperature measured by sensor 2 (double). *DataItem7*: Sun sensor board PCB temperature from sensor 3 (double). *DataItem8*: Sun sensor board PCB temperature from sensor 4 (double).

InterfaceStatus message structure

Data Item1	Data Item2	Data Item3	Data Item4
0	1	2	3

Legend: *DataItem1*: Bit 0 to 2, information about last reset. Bit 3 indicates if ADCS is ready. Bit 4 indicates an OBC communication error. Bit 5 indicates a communication error with the connected units (binary). *DataItem2*: Each bit indicates the unit in error (Gyroscope, Reaction Wheel, Magnetorqer, Magnetometer, Sun Sensor) (binary). *DataItem3*: Watchdog reset counter incremented at every reset (integer). *DataItem4*: Device reset counter (integer).