InterfaceHouseKeeping message structure

DataItem1		DataItem2		DataItem3		DataItem4	
1	2	3	4	5	6	7	8
DataItem5		DataItem6		DataItem7		DataItem8	
9	10	11	12	13	14	15	16

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
1	2	3	4

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

Magnetorquer Set PWM RSP message structure

Data Item1	DataItem2		DataItem3		DataItem4	
1	2	3	4	5	6	7

Legend:
DataItem1: Unit identifier, nominal or redundant (binary).
DataItem2: Magnetorqer nX current (double).
DataItem3: Magnetorqer nY current (double).
DataItem4: Magnetorqer nZ current (double).