CONTROL BOX STATUS BITS

TELEMETRY ADDRESS 13A (HIGH BYTE) 13B, 13C (LOW BYTE)

STATUS BIT	STATE	FUNCTION
00	0=OK 1=FAULT	ELEVATION LIMIT OFF LIMIT ON LIMIT; CAN DRIVE IN OPPOSITE DIRECTION
01	0=OK 1=IN SERVICE:	SERVICE: NORMAL OPERATION MAINTENANCE PERSONNEL WORKING ON WATER PUMP OR CHILLER FOR 5 MINUETS
02	0=OK 1=FAULT	ULTIMATE LIMIT AZIMUTH OFF LIMIT ON LIMIT. MANUALLY DRIVE ANTENNA WITH ANTENNA DRIVE CONTACTOR CONTROL ULTIMATE LIMIT OVERRIDE. CAN ONLY BE DRIVEN IN OPPOSITE DIRECTION
03	0=OK 1=FAULT	KEY: ULTIMATE LIMITS NORMAL, KEY ON, ALL INTERLOCK SWITCHES IN OPERATING POSITION TO DRIVE ANTENNA NO ANTENNA DRIVE; ON ULTIMATE LIMIT OR KEY OFF OR SAFETY INTERLOCK OPEN OR CONTACTORS NOT ENABLED; VISUALLY CHECK SYSTEM.
04	0=OK 1=FAULT	WATER PRESSURE NORMAL LOW WATER PRESSURE; POWER TURN OFF HEATER, RECEIVER, CABIN ELECTRONIC, WATER PUMP. VISUALLY CHECK WATER SYSTEM BEFORE ATTEMPTING POWER UP WITH RESET PB
05	0=ON	COLLISION PROTECTION SWITCH ON
06	0=OK 1=FAULT	AZIMUTH LIMIT OFF LIMIT ON LIMIT; CAN DRIVE IN OPPOSITE DIRECTION
07	0=OK 1=FAULT	ULTIMATE LIMIT ELEVATION OFF LIMIT ON LIMIT. MANUALLY DRIVE ANTENNA WITH ANTENNA DRIVE CONTACTOR CONTROL ULTIMATE LIMIT OVERRIDE. CAN ONLY BE DRIVEN IN OPPOSITE DIRECTION
08	1=OK 0=FAULT	AZIMUTH DRIVE BOX TEMPERATURE NORMAL HIGH TEMPERATURE, TURNS OFF POWER TO BOTH DRIVE. CAN TEMPORARY OVERRIDE USING CONTROL BOX FRONT PANEL POWER OVERRIDE TO MOVE ANTENNA
09	1=OK 0=FAULT	CAMERA SAFE FLAP POSITION SAFE CAMERA SAFE FLAP POSITION NOT SAFE, ANTENNA CAN NOT BE DRIVEN

STATUS BIT	STATE	FUNCTION
10	1=OK 0=FAULT	ELEVATION DRIVE BOX TEMPERATURE NORMAL HIGH TEMPERATURE, TURNS OFF POWER TO BOTH DRIVE. CAN TEMPORARY OVERRIDE USING CONTROL BOX FRONT PANEL POWER OVERRIDE TO MOVE ANTENNA
11	1=OK 0=FAULT	RECEIVER TEMPERATURE NORMAL HIGH TEMPERATURE, TURN OFF POWER TO HEATER, RECEIVER, CABIN ELECTRONICS
12	1=OK 0=FAULT	CABIN TEMPERATURE NORMAL HIGH TEMPERATURE, TURN OFF POWER TO HEATER, RECEIVER, CABIN ELECTRONICS
13	1=OK 0=FAULT	SPARE 1 TEMP NORMAL HIGH TEMPERATURE, TURN OFF POWER TO HEATER, RECEIVER, CABIN ELECTRONICS
14	0=MAN 1=COMP	MANUAL ANTENNA DRIVE CONTROL COMPUTER ANTENNA DRIVE CONTROL
15	0=OK 1=COLLISION	NORMAL: NO COLLISION OCCURRED; PHYSICALLY CHECK ANTENNAS, ANTENNA DRIVE DISABLED, PUT IN MANUAL MODE, TURN OFF COLLISION PROTECTION CIRCUIT; MOVE ANTENNA WITH MANUAL CONTROL BOX.
16	ALWAYS=0	
17		DATA 23 (SPARE)
18		DATA 22 (SPARE)
19		DATA 21 (SPARE)
20	0 = BYPASS	~~DATA 20 (SPARE)~~ CAMERA FLAP BYPASS
21	0=OK 1=OVER-RIDE	PRIORITY STATUS NORMAL AUTOMATIC PWR PRIORITY MANUALLY OVERRIDEN
22	1= 0=	CAMERA FLAP OPEN CAMERA FLAP CLOSED
23	0=OK 1=FAULT	CABIN POWER ON POWER TURN OFF IMMINENT TO HEATER, CABIN ELECTRONICS, RECEIVER