Bundle Name	KUAntennaControl
Line	**Function**
0	KU Antenna Direct Stow ON
1	KU Antenna STO
2	KU Antenna DPY
3	KU Antenna Talkback STO
4	KU Antenna Talkback DPY
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	RadiatorControlTB
Line	**Function**
0	Latch STBD Talkback LAT
1	Latch STBD Talkback REL
2	Latch PORT Talkback LAT
3	Latch PORT Talkback REL
4	Radiator STBD Talkback STO
5	Radiator STBD Talkback DPY
6	Radiator PORT Talkback STO
7	Radiator PORT Talkback DPY
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	RadiatorControlSW
Line	**Function**
0	Payload Bay MECH PWR SYS 1 ON
1	Payload Bay MECH PWR SYS 2 ON
2	Latch Control SYS A LATCH
3	Latch Control SYS A RELEASE
4	Latch Control SYS B LATCH
5	Latch Control SYS B RELEASE
6	Radiator Control SYS A STOW
7	Radiator Control SYS A DEPLOY
8	Radiator Control SYS B STOW
9	Radiator Control SYS B DEPLOY
10	
11	
12	
13	
14	
15	

Bundle Name	PayloadBayDoorControl
Line	**Function**
0	Payload Bay Door SYS 1 ENA
1	Payload Bay Door SYS 2 ENA
2	Payload Bay Door CLOSE
3	Payload Bay Door OPEN
4	Payload Bay Door Talkback OP
5	Payload Bay Door Talkback CL
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	RMS_CWLIGHTS_TB
Line	**Function**
0	Master Alarm
1	CW light (MCIU)
2	CW light (ABE)
3	CW light (GPC Data)
4	CW light (Singular)
5	CW light (Contr Err)
6	CW light (STBD Temp)
7	CW light (Derigidize)
8	CW light (Release)
9	CW light (Check CRT)
10	CW light (Reach Lim)
11	CW light (PORT Temp)
12	Software Stop Talkback
13	
14	
15	

Bundle Name	ADI_Switches_F6_F8
Line	**Function**
0	Panel F6 ADI Attitude REF
1	Panel F6 ADI Attitude INRTL
2	Panel F6 ADI Error Low
3	Panel F6 ADI Error High
4	Panel F6 ADI Rate Low
5	Panel F6 ADI Rate High
6	Panel F8 ADI Attitude REF
7	Panel F8 ADI Attitude INRTL
8	Panel F8 ADI Error Low
9	Panel F8 ADI Error High
10	Panel F8 ADI Rate Low
11	Panel F8 ADI Rate High
12	
13	
14	
15	

Bundle Name	ATVC
Line	**Function**
0	ME-1 Pitch Gimbal
1	ME-2 Pitch Gimbal
2	ME-3 Pitch Gimbal
3	ME-1 Yaw Gimbal
4	ME-2 Yaw Gimbal
5	ME-3 Yaw Gimbal
6	LH SRB Rock Gimbal
7	RH SRB Rock Gimbal
8	LH SRB Tilt Gimbal
9	RH SRB Tilt Gimbal
10	
11	
12	
13	
14	
15	

Bundle Name	O17_to_EIU_AC
Line	**Function**
0	EIU L-C Switch (On Position)
1	EIU C-R Switch (On Position)
2	EIU R-L Switch (On Position)
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	C3_SEP
Line	**Function**
0	SRB Separation Switch (Man/Auto)
1	SRB Separation Push Button
2	ET Separation Switch (Man)
3	ET Separation Push Button
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	RADP
Line	**Function**
0	Air Data Probe Right Switch (Stow Position)
1	Air Data Probe Right Switch (Deploy Position)
2	Air Data Probe Right Switch (Deploy/Heat Position)
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	LADP
Line	**Function**
0	Air Data Probe Left Switch (Stow Position)
1	Air Data Probe Left Switch (Deploy Position)
2	Air Data Probe Left Switch (Deploy/Heat Position)
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	ROMS
Line	**Function**
0	OMS Eng Right Switch (Arm Position)
1	OMS Eng Right Switch (Arm/Press Position)
2	Right OMS Fire
3	Right OMS Pitch Gimbal
4	Right OMS Yaw Gimbal
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	LOMS
Line	**Function**
0	OMS Eng Left Switch (Arm Position)
1	OMS Eng Left Switch (Arm/Press Position)
2	Left OMS Fire
3	Left OMS Pitch Gimbal
4	Left OMS Yaw Gimbal
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	DAP_PBIS1
Line	**Function**
0	SELECT A
1	SELECT B
2	CONTROL AUTO
3	CONTROL INRTL
4	CONTROL LVLH
5	CONTROL FREE
6	TRANSLATION
7	TRANSLATION LOW Z
8	TRANSLATION HIGH Z
9	ROTATION PRI
10	ROTATION ALT
11	ROTATION VERN
12	TRANSLATION X NORM
13	TRANSLATION Y NORM
14	TRANSLATION Z NORM
15	ROTATION ROLL DISC RATE

Bundle Name	DAP_PBIS2
Line	**Function**
0	ROTATION PITCH DISC RATE
1	ROTATION YAW DISC RATE
2	TRANSLATION X PULSE
3	TRANSLATION Y PULSE
4	TRANSLATION Z PULSE
5	ROTATION ROLL PULSE
6	ROTATION PITCH PULSE
7	ROTATION YAW PULSE
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	THRUSTER_CMD
Line	**Function**
0	Rotation (Pitch)
1	Rotation (Yaw)
2	Rotation (Roll)
3	Translation (X)
4	Translation (Y)
5	Translation (Z)
6	SERC
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	MPS_STATUS_LIGHTS
Line	**Function**
0	ME-1 Red Status Light Power
1	ME-2 Red Status Light Power
2	ME-3 Red Status Light Power
3	ME-1 Amber Status Light Power
4	ME-2 Amber Status Light Power
5	ME-3 Amber Status Light Power
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	MPS_OPInd_A
Line	**Function**
0	PV1 OP Ind
1	PV2 OP Ind
2	PV3 Op Ind
3	PV4 OP Ind A
4	PV4 OP Ind B
5	PV5 OP Ind A
6	PV5 OP Ind B
7	PV6 OP Ind A
8	PV6 OP Ind B
9	PV7 OP Ind
10	PV9 Op Ind
11	PV12 Op Ind
12	PV13 OP Ind
13	PV17 OP Ind
14	PV18 OP Ind
15	PV20 OP Ind

Bundle Name	MPS_OPInd_B
Line	**Function**
0	PV21 OP Ind
1	PD1 OP Ind A
2	PD1 OP Ind B
3	PD2 OP Ind A
4	PD2 OP Ind B
5	PV22 OP Ind
6	PV14 OP Ind
7	PV15 OP Ind
8	PV16 OP Ind
9	PV8 OP Ind
10	
11	
12	
13	
14	
15	

Bundle Name	MPS_CLInd_A
Line	**Function**
0	PV7 CL Ind
1	PV9 CL Ind
2	PV10 CL Ind
3	PV11 CL In
4	PV12 CL Ind
5	PV13 CL Ind
6	PV17 CL Ind
7	PV18 CL Ind
8	PV19 CL Ind A
9	PV19 CL Ind B
10	PV20 Cl Ind
11	PV21 Cl Ind
12	PV22 CL Ind
13	PD1 CL Ind A
14	PD1 CL Ind B
15	PD2 CL Ind A

Bundle Name	MPS_CLInd_B
Line	**Function**
0	PD2 CL Ind B
1	PV4 CL Ind
2	PV5 CL Ind
3	PV6 CL Ind
4	PV14 CL Ind
5	PV15 CL Ind
6	PV16 CL Ind
7	PD3 CL Ind
8	PV8 CL Ind
9	
10	
11	
12	
13	
14	
15	

Bundle Name	MPS_LV_A
Line	**Function**
0	LV1 Power
1	LV2 Power
2	LV3 Power
3	LV4 Power
4	LV5 Power
5	LV6 Power
6	LV7 Power
7	LV8 Power
8	LV9 Power
9	LV10 Power
10	LV11 Power
11	LV12 Power
12	LV13 Power
13	LV14 Power
14	LV15 Power
15	LV16 Power

Bundle Name	MPS_LV_B
Line	**Function**
0	LV17 Power
1	LV18 Power
2	LV19 Power
3	LV20 Power
4	LV21 Power
5	LV22 Power
6	LV23 Power
7	LV24 Power
8	LV25 Power
9	LV26 Power
10	LV27 Power
11	LV28 Power
12	LV29 Power
13	LV30 Power
14	LV31 Power
15	LV32 Power

Bundle Name	MPS_LV_C
Line	**Function**
0	LV33 Power
1	LV34 Power
2	LV35 Power
3	LV36 Power
4	LV37 Power
5	LV38 Power
6	LV39 Power
7	LV40 Power
8	LV41 Power
9	LV42 Power
10	LV43 Power
11	LV44 Power
12	LV45 Power
13	LV46 Power
14	LV47 Power
15	LV48 Power

Bundle Name	MPS_LV_D
Line	**Function**
0	LV49 Power
1	LV50 Power
2	LV51 Power
3	LV52 Power
4	LV53 Power
5	LV54 Power
6	LV55 Power
7	LV56 Power
8	LV57 Power
9	LV58 Power
10	LV59 Power
11	LV60 Power
12	LV61 Power
13	LV62 Power
14	LV63 Power
15	LV64 Power

Bundle Name	MPS_LV_E
Line	**Function**
0	LV65 Power
1	LV66 Power
2	LV67 Power
3	LV68 Power
4	LV69 Power
5	LV70 Power
6	LV71 Power
7	LV72 Power
8	LV73 Power
9	LV74 Power
10	LV75 Power
11	LV76 Power
12	LV77 Power
13	LV78 Power
14	LV79 Power
15	LV80 Power

Bundle Name	MPS_LV_F
Line	**Function**
0	LV81 Power
1	LV82 Power
2	LV83 Power
3	LV84 Power
4	LV85 Power
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	SSMER_R2_SWITCHES
Line	**Function**
0	Engine Power RIGHT AC3 Switch (On Position)
1	Engine Power RIGHT AC1 Switch (On Position)
2	He ISOL A RIGHT Switch (Close Position)
3	He ISOL A RIGHT Switch (Open Position)
4	He ISOL B RIGHT Switch (Close Position)
5	He ISOL B RIGHT Switch (Open Position)
6	He I/C RIGHT Switch (Out Open Position)
7	He I/C RIGHT Switch (In Open Position)
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	SSMEL_R2_SWITCHES
Line	**Function**
0	Engine Power LEFT AC2 Switch (On Position)
1	Engine Power LEFT AC3 Switch (On Position)
2	He ISOL A LEFT Switch (Close Position)
3	He ISOL A LEFT Switch (Open Position)
4	He ISOL B LEFT Switch (Close Position)
5	He ISOL B LEFT Switch (Open Position)
6	He I/C LEFT Switch (Out Open Position)
7	He I/C LEFT Switch (In Open Position)
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	SSMEC_R2_SWITCHES
Line	**Function**
0	Engine Power CTR AC1 Switch (On Position)
1	Engine Power CTR AC2 Switch (On Position)
2	He ISOL A CTR Switch (Close Position)
3	He ISOL A CTR Switch (Open Position)
4	He ISOL B CTR Switch (Close Position)
5	He ISOL B CTR Switch (Open Position)
6	He I/C CTR Switch (Out Open Position)
7	He I/C CTR Switch (In Open Position)
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	PNEU_R2_SWITCHES
Line	**Function**
0	Pneumatics L Eng He XOVR Switch (Close Position)
1	Pneumatics L Eng He XOVR Switch (Open Position)
2	Pneumatics He ISOL Switch (Close Position)
3	Pneumatics He ISOL Switch (Open Position)
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	MPSDUMP_LH2UP_R2_SWITCHES
Line	**Function**
0	PRPLT Dump Sequence Switch (Stop Position)
1	PRPLT Dump Sequence Switch (Start Position)
2	PRPLT Dump Backup LH2 VLV Switch (Close Position)
3	PRPLT Dump Backup LH2 VLV Switch (Open Position)
4	LH2 Ullage Pressure Switch (Auto Position)
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Bundle Name	ET_LOX_SENSORS
Line	**Function**
0	LOX Low-Level 1
1	LOX Low-Level 2
2	LOX Low-Level 3
3	LOX Low-Level 4
4	LOX 5% Level
5	LOX 98% Level 1
6	LOX 98% Level 2
7	LOX 100% Minus Level
8	LOX 100% Level 1
9	LOX 100% Level 2
10	LOX 100% Plus Level
11	LOX Overfill Level
12	LOX Ullage Pressure 1
13	LOX Ullage Pressure 2
14	LOX Ullage Pressure 3
15	LOX Ullage Pressure 4

Bundle Name	ET_LH2_SENSORS
Line	**Function**
0	LH2 Low-Level 1
1	LH2 Low-Level 2
2	LH2 Low-Level 3
3	LH2 Low-Level 4
4	LH2 5% Level
5	LH2 98% Level 1
6	LH2 98% Level 2
7	LH2 100% Minus Level
8	LH2 100% Level 1
9	LH2 100% Level 2
10	LH2 100% Plus Level
11	LH2 Overfill Level
12	LH2 Ullage Pressure 1
13	LH2 Ullage Pressure 2
14	LH2 Ullage Pressure 3
15	LH2 Ullage Pressure 4

Bundle Name	C3_LIMITS_SSMEPB
Line	**Function**
0	Limit Switch (Inhibit Position)
1	Limit Switch (Enable Position)
2	ME-2 Shutdown Push Button
3	ME-1 Shutdown Push Button
4	ME-3 Shutdown Push Button
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	