

ASPO 45 CRT DISPLAYS

MSK-683 (CM)

MSK-966 (CM)

MSK-1123 (LM)

MSK-1137 (LM)

ID	GMTC	SITE	X/ROLL	Y/PITCH	Z/YAW
FGWD 0	CTE				
FGWD 1	GETA	PIPA			
FGWD 2	GETC	DELV			
FGWD 3	CMCB	VGMU			
FGWD 4	CMC				
FGWD 5	TMSV	FCDU			
FGWD 6	TLMSV	DCDU			
FGWD 7	TGO	ACDU			
FGWD 8	TIG	ISS			
FGWD 9	TEVNT	ERROR			
FGWD 10	PG	AK			
FGWD 11	VB	ADOT			
CHNL 11	R1	OMGAC			
CHNL 12	R2	ERR			
CHNL 13	R3	BIAS			
CHNL 14	REDO	OCTL		ACTOFF	
CHNL 30	RSBQ	CSM		GMBCMD	
CHNL 31	RSBQ	HAPO	TCSI		
CHNL 32	RSBQ	HALRG	TCDH		
CHNL 33	RSBQ	LAT	TTPI		
IMDE 30	HLDFG	LONG	TTPF		
IMDE 33	HLDFG	VMAGI	TMRK		
OPTMDE	RCSPG	VTLL	TVHF		
DPDTR1	STARID1	CDH	ELEVN ANG		
DPDTR2	STARID2	VHF	CNTRL ANG		
	CDU SHFT	AVLVX	Y	Z	
	CDU TRUN	AVR/PX	Y	Z	

PG	FL	WARN
VB	NN	PRG
		KKK
R1		UPFST
R2		UPSW
R3		CMD

MIL-966

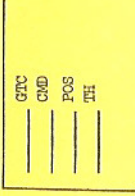
ID	DESCRIPTION OF DOWNLIST BEING TRANSMITTED	WASH	CMC WARNING LAMP STATUS
SITE	SITE FROM WHICH DATA IS BEING RECEIVED	FRG	PROGRAM ALARM LAMP STATUS
*FWD 0 - FWD 11	COMPUTER FLASHWORDS 0 THRU 11	KKX	UPLINK DATA STATUS
*CHAN 11 - CHAN 14	COMPUTER OUTPUT CHANNELS	UPFST	BLACK INLINK DISCRETE STATUS
*CHAN 30 - CHAN 33	COMPUTER INPUT CHANNELS	UPSW	UPLINK ACCEPT/BLOCK SWITCH STATUS
*INCR30, INCR33	COMPUTER IMU STATUS REGISTERS	CMO	UPLINK TOO FAST STATUS
*OFFICE	COMPUTER OPTICS STATUS REGISTER	*YB	DISKY VIBR DISPLAY
*DPDTR1, DPDTR2	DATA FOR DAP SELECTION AND OPERATION	*RN	DISKY HOUR DISPLAY
GMTC	GREENWICH MEAN TIME (RECEIPT OF CMC DATA)	R1, R2, & R3	DISKY ROW 1, ROW 2, AND ROW 3 DISPLAYS
CTE	CENTRAL TIMING EQUIPMENT TIME	REDO	NUMBER OF RESTARTS
GETA	GROUND ELAPSED TIME (RECEIPT OF ANALOG DATA)	RSBQ	VALUE OF BEAK AND G REGISTERS AT THE TIME OF A RESTART
GETC	GROUND ELAPSED TIME (RECEIPT OF COMPUTER WORDS)	DSB11	DISPLAY TABLE OF DISKI STATUS LIGHTS
CMCB	CMC CLOCK MINS ΔT UPDATED	*PALRG	LIST, 2ND AND MOST RECENT ALARM CODES
CMC	CM COMPUTER CLOCK	CHNL 77	CHANNEL 77 - RESTART MONITOR
TMSV	TIME OF CM STATE VECTOR	C31FM	SWITCH OVERSIDE BUFFER FOR 66 CONTROL, CM MDE AND OPTICS MDE
TLMSV	TIME OF IM STATE VECTOR	*HLOFTG	DELAY TIME FOR CM TRANSIENT CHECK AFTER MARK (CLOCKED)
TGO	TIME TO CUTOFF	INTEG TIME	TIME TO WHICH STATE VECTOR IS PRESENTLY INTEGRATED
TIG	TIME TO/FROM IGNITION	*RCSPG	DATA FOR RCS DAP
TEVNT	TIME OF EVENT	STARID1	IDENTIFICATION NUMBER OF STAR 1
*PG	COMPUTER PROGRAM NUMBER	STARID2	IDENTIFICATION NUMBER OF STAR 2
FL	VERB/HOUR FLASHER STATUS	CMU SHFT	OPTICS SHAFT ANGLE
		CMU TRUN	OPTICS TRUNION ANGLE

*SEE CM SOFTWARE SECTION FOR FURTHER DEFINITION

PDPA	- PDPA COUNTS			Δ T					M S XXX.XX.XX
DELY	- VALUES OF PDPA'S AT LAST READING, CORRECTED FOR SCALE FACTOR ERROR AND BIAS	-XXXX.X FRS -XXXX.X FRS		CMR ΔH	- DIFFERENCE BETWEEN GFC AND CMR VEHICLES AT CDH				XXX.XX RM -XXX.XX RM
VELM	- VELOCITY TO BE GAINED IN EN COORDINATES	-XXXX.X FRS		VHP	- VHP MARKS INCORPORATED IN STATE STATE				XX
FCDU	- FDMAL DESIRED CDU ANGLES	-XXX.XX DEG		OPT	- OPTICS MARKS INCORPORATED IN STATE STATE				XX
DCDU	- DESIRED CDU ANGLES	+XXX.XX DEG		Δ VW	- X, Y, AND Z COMPONENTS OF DELTA V IN LOCAL VERTICAL COORDINATES				-XXXX.X FT/SEC -XXXX.X FT/SEC
ACDU	- ACTUAL CDU ANGLES	+XXX.XX DEG		Δ VR/P	- X, Y, AND Z COMPONENTS OF DELTA V FROM LAMBERT SOLUTION IN RM COORDINATES				-XXXX.X FT/SEC -XXXX.X FT/SEC
ISS	- LX NSVR ANGLES	-XXX.XX DEG							
ERROR	- RCS DAP FOLLOWING ERRORS	-X.XXX DEG							
AK	- RCS DAP ATTITUDE ERRORS OR TTC DAP ATTITUDE ERRORS	+X.XXX DEG							
ADCT	- RCS DAP COMPUTED CONTROL AXIS RATES OR TTC DAP COMPUTED BODY RATES (DEG/HR)	-X.XXX DEG/SEC		TCSI	- TIME OF INITIATION OF CSI				H M S XXX.XX:XX.XX
OMGAC	- RCS DAP CONTROL AXIS RATE COMMANDS (DEG/HR) OR TTC DAP BODY RATE COMMANDS FROM CROSS PRODUCT STEERING (OMGAC)	-X.XXX DEG/SEC		TCDH	- TIME OF INITIATION OF CDH				H M S XXX.XX:XX.XX
ERR	- MEASURED BIAS MINUS LOADED COMPENSATION	-X.XXX FT/SEC		TPTI	- TIME OF INITIATION OF TPI				H M S XXX.XX:XX.XX
BIAS	- MEASURED BIAS (10 SECOND INTERVALS)	X.XXXX FT/SEC		TTF	- TIME OF INITIATION OF TTF				H M S XXX.XX:XX.XX
OCTL	- OCTAL VALUE OF LOADED BIAS COMPENSATION	XXXXXX		TWRK	- TIME OF LAST OPTICS MARK				H M S XXX.XX:XX.XX
LM	- PRESENT MASS OF THE LM	XXXXX LBS		TWFF	- TIME OF LAST WFF MARK				H M S XXX.XX:XX.XX
CMK	- PRESENT MASS OF THE CM	XXXXX LBS		VHFRS	- RAW VEH RANGE TO LM				-XXX.XX RM
ACTOFF	- SFS GLOBAL TRIMS	-XX.XXX DEG		ELEVN ANG	- DESIRED LOS ANGLE AT TPI				-XXX.XX DEG
OMGCD	- COMPUTER COMMANDED SFS ENGINE COMMANDS	-XX.XXX DEG		CPTRL ANG	- ORBITAL CENTRAL ANGLE OF THE PASSIVE VEHICLE DURING TRANSFER FROM TPI TO INTERCEPT				-XXX.XX DEG
HAPO	- ALTITUDE AT APOGEE	+XXXX.X NM							
HFER	- ALTITUDE AT PERIGEE	+XXXX.X NM							
LAT	- LATITUDE OF LANDMARK	-XX.XXX DEG							
LONG	- LONGITUDE OF LANDMARK	-XXX.XX DEG							
VMAGI	- PRESENT INERTIAL VELOCITY (VIL)	XXXXX FT/SEC							
VTOLI	- VELOCITY TO BE GAINED (VIL)	XXXXX FT/SEC							

*SEE CM SOFTWARE SECTION FOR FURTHER DEFINITION

GET	MET	LGC RMT	SITE
AGS	LGC		VEH WT
T/E	TTC	TTF/S	LGC
PODS RATE			CAL
RGA RATE			
ASA RATE			
ATT CMDS	ROLL/Z	PITCH/Y	YAW/X
BSVR CMBL			
ICDUD ATT	FO/AE ATTITUDES		
IMU ATT			
GDVA ATT			
AGS ATT			
PGNS ERR	ATTITUDE ERRORS		
AGS ERR			
LGC DEL V	VELOCITIES		
AGS DEL V			
AGS ULL	ACT VBL		
R	AUTO		FO
P	ATT H		F1
Y			F2
RR	AP	DEDA	DSKY
TRK	ALT	V	P
R	SR	RO	V
RDT	VX	CLR	N
SH	VI	M	1
TR	VZ	REDO	2
			3



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GET	-	GROUND ELAPSED TIME	H M S	XXX:XX:XX	R	RENDEZVOUS RADAR RANGE	XXX:XX NM
MET	-	MISSION ELAPSED TIME	H M S	XXX:XX:XX	SH	RENDEZVOUS RADAR SHFT ANGLE	XXX DEG
AGS	-	ABORT GUIDANCE SYSTEM TIME	H M S	XXX:XX:XX	TR	RENDEZVOUS RADAR TURNON ANGLE	XXX DEG
LGC	-	LM GUIDANCE COMPUTER TIME	H M S	XXX:XX:XX	AP	LANDING ANTENNA POSITION	1 OR 2
LGC RMT	-	IDENTIFICATION OF DOWNLIST BEING TRANSMITTED	H M S	XXX:XX:XX	ALT	LR ALTITUDE DATA GOOD	BLANK/XX
SITE	-	IDENTIFICATION OF SITE FROM WHICH DATA IS BEING RECEIVED	H M S	XX:XX	V	LR VELOCITY DATA GOOD	BLANK/XX
TTC	-	TIME TO GO UNTIL ENGINE CUTOFF	M S	XX:XX	SR	LANDING RADAR RANGE	XXXX FT
TTF/S	-	TIME TO GO UNTIL END OF PHASE (DESCENT PROGRAM)	M S	XX:XX	Vx, Vy, Vz	LANDING RADAR VELOCITIES	XXXX FT/SEC
T/E	-	TIME OF EVENT	H M S	XX:XX	DEDA	AGS DSKY ADDRESS READOUT	
PGNS RATE	-	ROLL, PITCH, YAW DAP RATES	XXX:XX:XX		RO	REGISTER 5 DIBIT CONTENTS	
BGA	-	AGS BODY MOUNTED RATE CTGEO (OUTPUT)	XX.X DEG/SEC		CLR	NUMBER OF LGC RESISTS	
ASA	-	AGS ABORT SENSING ASSEMBLY (BODY RATES)	XX.X DEG/SEC		M	STATUS OF DSKY DISPLAYS	
BSVR CMBL	-	LY RESOLVER GENERAL ANGLES	XX.X DEG		REDO	STATUS OF DSKY DISPLAYS	
ICDUD ATT	-	DESIGNED CTG ANGLES TO THE DAP	XX.X DEG		DSKY	STATUS OF DSKY DISPLAYS	
GDVA ATT	-	ACTUAL CTG ANGLES	XX.X DEG		*U	VEH	
IMU ATT	-	LY RESOLVER GENERAL ANGLES	XX.X DEG		*V	ROLL	
AGS ATT	-	ABORT GUIDANCE SYSTEM BODY ANGLES	XX.X DEG		1	ROW 1, 2, AND 3	
PGNS ERR	-	CMB-DAC OUTPUT	XX.X DEG		2		
AGS ERR	-	ABORT GUIDANCE SYSTEM ATTITUDE ERRORS	XX.X DEG		3		
LGC DEL V	-	PFA OUTPUT FOR A 2 SECOND INTERVAL	XX.X FT/SEC		LGC	LGC CALCULATED LM WEIGHT	XXXXX LBS
AGS DEL V	-	ABORT GUIDANCE SYSTEM MEASURED VELOCITY	XX.X FT/SEC		CAL	GROUND CALCULATED LM WEIGHT	XXXXX LBS
AGS ULL	-	ABORT GUIDANCE ULLAGE MEASUREMENT	XX.XY FT/SEC		TORQUE -U, -V	ACCUMULATED SUM OF + AND - COMMANDED TORQUE TIME ABOUT CONTROL AXES	XX.X SEC
ACT VBL	-	ACCUMULATED VELOCITY ALONG THRUST	XX.X FT/SEC		TH	GROUND CALCULATED THRUST	XXXXX LBS
P, P, Y	-	ROLL, PITCH AND YAW ACHIEVED FROM PULSES, DIRECT OR AUTO (HORN)	XX/BLANK		CMD	GUIDANCE THRUST COMMAND	XXX %
ATT H	-	ATTITUDE HOLD MODE STATUS	XX/BLANK		POS	SUM OF MANUAL AND AUTO THROTTLE COMMAND THROTTLE POSITION	XXX %
*FO	-	FIRST					
*F1	-	SECOND					
*F2	-	MOST RECENT					
*RE	-	RADAR MODE FLAGGED (RAIMODES)	XXXXXX				
TRK	-	RADAR TRACK ENABLE	CR 12 B 14				
RDT	-	RENDEZVOUS RADAR RANGE RATE	XXXXX FT/SEC				

*SEE LM SOFTWARE SECTION FOR FURTHER DEFINITION

GET	_____	LGC	_____	GMT	_____	AEA	LGC	PCM	SITE	1137
SELECT	THR TL	LGC XXXXX	ROLL-R	PITCH-Q	YAW-P	WT	_____	_____	D/L	_____
DECA	_____	AGS ERR	_____	_____	_____	CSM	_____	_____	_____	C5 MSK
MAN	THR	OMEGA-D	_____	_____	_____	BUG	_____	_____	_____	C6 MSK
AUTO	THR	OFFSET	_____	_____	_____	DAP	_____	_____	_____	C 30
CMD	THR	GMBL DR	_____	_____	_____	C 11	_____	_____	_____	C 31
VAR	ACT	SC	TORQ-U	TORQ-V	TORQ-P	C 12	_____	_____	_____	C 32
GUID	CMD	AUTO	+	+	+	C 13	_____	_____	_____	C 33
TCP	_____	A/H	-	-	-	C 14	_____	_____	_____	RAD

ATTITUDES			STATUS		LR POS				
ROLL-Z	PITCH-Y	YAW-X	DAP	LR	RNG	LR	PGNSΔ	VEL	AGSΔ
B	_____	_____	TIG	VXS	_____	_____	_____	_____	_____
OCTAL	_____	_____	TGO	VYS	_____	_____	_____	_____	_____
RSVRS	_____	_____	T/E	VZS	_____	_____	_____	_____	_____
ACDUS	_____	_____	T/P	RNG	_____	_____	_____	_____	_____
RSVR	_____	_____	LGC	_____	_____	_____	_____	_____	_____
ACDU	_____	_____	ISS	RR	_____	_____	_____	_____	_____
IDES	_____	_____	CH 77	MODE	_____	_____	_____	_____	_____
FDES	_____	_____	FREG0	DATA	_____	_____	_____	_____	_____
AGS	_____	_____	FREG 1	SHFT	_____	TRUN	_____	_____	_____
ΔER -S	_____	_____	FREG 2	LGC	_____	_____	_____	_____	_____
PGNS-B	RATES	_____	REDO	RR	_____	_____	_____	_____	_____
RGA-B	_____	_____	PROG	ERR	_____	_____	_____	_____	_____
AGS-B	DELTA	VELOCITIES	VERB	RANGE	_____	_____	_____	_____	M
LGC-B	_____	_____	NOUN	RNGRT	_____	_____	_____	_____	K
ACT ΔV	_____	_____	FL	POWER	_____	_____	_____	_____	_____
PIP-S	_____	_____	R1	TEMPS	_____	_____	_____	_____	_____
SM	_____	_____	R2	800 ~	_____	LR	_____	_____	_____
	_____	_____	R3	3200	_____	RR	_____	_____	_____
	_____	_____	VEL GAIN	120V	_____	PIP	_____	_____	_____
	_____	_____	_____	BIAS	_____	_____	_____	_____	_____

ASFO-10

ASFO-10

MSK-1137

GET	-	GROUND ELAPSED TIME	H M S XXX:XX:XX	WT	-	MASS OF THE LM	XXXXX LBS
LGC	-	LM COMPUTER CLOCK	H M S XXX:XX:XX	CSM	-	MASS OF THE CSM	XXXXX LBS
GMT	-	GREENWICH MEAN TIME	H M S XXX:XX:XX	BUG	-	FLAGWORD FOR ENABLING ABORT SWITCHES MONITOR & AUTO THROTTLE MONITOR	000X ₈
SITE	-	SITE FROM WHICH DATA IS BEING RECEIVED		*DAP	-	DAP FLAGWORD (DAPBOOLS)	XXXXX ₈
D/L	-	DOWNLIST IDENTIFICATION		*C11 - C14	-	LM COMPUTER OUTPUT CHANNELS	XXXXX ₈
SELECT	-	THROTTLE SELECT SWITCH STATUS	AUTO/BLANK	*C5MSK - C6MSK	-	FLAGWORDS FOR INHIBITING DAP FIRING OF JETS	XXX ₈
DECA	-	DESCENT THROTTLE COMMAND	±XXX.XX	*C30 - C33	-	LM COMPUTER INPUT CHANNELS	XXXXX ₈
MAN THR	-	MANUAL THROTTLE COMMAND	XXX%	*RAD	-	RADAR FLAGWORD (RADMODES)	XXXXX ₈
AUTO THR	-	AUTO THROTTLE COMMAND	XXX%	B	-	ΔPIPA COUNTS/Δ TIME, PIPA FREE FALL BIAS (GROUND COMPUTED)	±XXX.XXX CM/SEC ²
CMD THR	-	TOTAL THROTTLE COMMAND (MAN THR + AUTO THR)	XXX%	OCTAL	-	COMPUTED OCTAL LOADS FOR LGC PIPA BIAS REGISTERS	XXXXX ₈
VAR ACT	-	VARIABLE ACTUATOR POSITION	XXX%	RSVRS	-	GIMBAL RESOLVER INDICATED ANGLES	+XXX.XX DEG
GUID CMD	-	LGC COMMANDED THRUST	XXX%	ACDUS	-	ACTUAL CDU ANGLES	+XXX.XX DEG
TCP	-	THRUST CHAMBER PRESSURE	XXX%	RSVR	-	GIMBAL RESOLVER INDICATED ANGLES IN FDAI COORDINATES	+XXX.XX DEG
LGC XXXXX - ERR	=	TOTAL OR DAP FOLLOWING ATTITUDE ERRORS	±XX.X DEG	ACDU	-	TRANSFORMED TO FDAI COORDINATES	+XXX.XX DEG
- RATES	=	LGC COMPUTED BODY RATES	±XX.X DEG/SEC	IDES	-	INTERMEDIATE DESIRED CDU ANGLES TRANSFORMED TO FDAI COORDINATES	+XXX.XX DEG
AGS ERR	-	AGS POSITIONAL ERROR	±XXX.X DEG	FDES	-	FINAL DESIRED CDU ANGLES TRANSFORMED TO FDAI COORDINATES	+XXX.XX DEG
OMEGA-D	-	DESIRED BODY RATES FOR AUTOMATIC MANEUVER	±X.XX DEG/SEC	AGS	-	AGS EULER ANGLES TRANS- FORMED TO FDAI COORDINATES	+XXX.XX DEG
OPFSET	-	COMPUTED ANGULAR ACCELE- RATION ABOUT Y AND Z BODY AXES DUE TO THE ENGINE	±XX.X DEG/SEC ²	ΔER-S	-	DIFFERENCE BETWEEN PGNS EULER ANGLES AND AGS EULER ANGLES	±XX.XX DEG
GMBL DR	-	DIRECTION OF ENGINE BELL MOTION	+R & +P				
A/H	-	ATTITUDE HOLD MODE STATUS	XX/BLANK				
AUTO	-	AUTO STABILIZATION MODE STATUS	XX/BLANK				
+ TORQ-U, TORQ-V, TORQ-P	-	CUMMULATIVE SUM OF POSITIVE COMMANDED TORQUE ABOUT CONTROL AXES U, V, AND P RESPECTIVELY	XX.XX SECS				
- TORQ-U, TORQ-V, TORQ-P	-	CUMMULATIVE SUM OF NEGATIVE COMMANDED TORQUE ABOUT CONTROL AXES U, V, AND P RESPECTIVELY	XX.XX SECS				
**	-	DAP DATA LOAD					

*SEE LM SOFTWARE SECTION FOR FURTHER DEFINITION

MSK-1137 (continued)

PCNS-B	-	DAP COMPUTED BODY RATES	+XX.XX DEG/SEC	LRPOS	-	LANDING RADAR ANT POSITION	ONE/TWO
BGA-B	-	AGS RATE CUTOFF OUTPUTS IN BODY COORDINATES	+XX.X DEG/SEC	LR RING	-	STATUS OF LANDING RADAR RANGE DATA	GOOD/BAD
AGS-B	-	AGS INDICATED LINEAR VELOCITY IN BODY COORDINATES	+XX.X FT/SEC	VEL	-	STATUS OF LANDING RADAR VELOCITY DATA	GOOD/BAD
LGG-B	-	ACCUMULATED PIPA COUNTS WHILE SERVICER IS RUNNING IN BODY AXIS COORDINATES	+XX.X FT/SEC	VXS, VYS, VZS	-	LB VELOCITY DATA CONVERTED TO STABLE MEMBER COORDINATES	+XXXX FT/SEC
ACT ΔV	-	ACTUAL DELTA V GAINED (GROUND COMPUTED)	XX.X FT/SEC	RNG	-	LANDING RADAR SLANT RANGE	XXXXX FT
PIP-5	-	PIPA COUNTS	XXXXX ⁰	PCNSΔ	-	LR MINUS PCNS VELOCITIES CORRECTED FOR LUNAR GRAVITY IN STABLE MEMBER COORDINATES	+XXXX FT/SEC
SM	-	ACCUMULATED PIPA COUNTS OVER 2 SECONDS IN STABLE MEMBER COORDINATE	+XX.X FT/SEC	AGSΔ	-	LR MINUS AGS VELOCITIES CORRECTED FOR LUNAR GRAVITY IN STABLE MEMBER COORDINATES	+XXXX FT/SEC
DAP	-	LEFT - POSITION OF GUIDANCE AND CONTROL SWITCH RIGHT - STATUS OF THE DAP	ON/OFF	MODE	-	STATUS OF RENDEZVOUS RADAR	LGC/AUTO/MAN/SLEW EN/NO EN ONE/TWO
TIG	-	TIME OF IGNITION	H M S XXX:XX:XX	DATA	-	STATUS OF RENDEZVOUS RADAR DATA	GOOD/BAD TRK/NO TRK LO/HIGH
TGO	-	TIME TO ENGINE CUTOFF	XXXX. ^S	_____/CMJF	-	STATUS OF RR CDT'S	BLANK/CDJF
T/E	-	TIME OF LAST/NEXT SIGNIFICANT EVENT	H M S XXX:XX:XX	LGC	-	RENDEZVOUS RADAR ANTENNA POSITION (CDD)	+XXX.X DEG +XXX.X DEG
T/P	-	TIME TO END OF PHASE (DESCENT ONLY)	XXXX. ^S	RR	-	RENDEZVOUS RADAR ANTENNA POSITION IN FDI COORDINATES	+XXX.X DEG
LGC	-	LGC WARNING LAMP STATUS		ERR	-	COMPUTER COMMANDED RENDEZVOUS RADAR ANTENNA RATE	+XX.XX DEG/SEC
ISS	-	ISS WARNING LAMP STATUS		RANGE	-	RENDEZVOUS RADAR RANGE RATE	XXX.XX NMI +XXXX FT/SEC
*CH77	-	DEFINITION FOR CAUSE OF LGC WARNING	XXXXX ⁸	RNGRT	-	RENDEZVOUS RADAR RANGE RATE	XXX.X VOLTS XX.X VOLTS XXX VOLTS X.XX VOLTS +XXX.X ^{0p}
*FREGO, FREG1, FREG2	-	1ST, 2ND, AND MOST RECENT ALARM CODE	XXXXX ⁸	800 ~	-	800 V ₀ VOLTAGE	
*REDO	-	NUMBER OF RESTARTS	XXXXX ⁸	3200	-	3200 V ₀ VOLTAGE	
*PROG	-	COMPUTER PROGRAM NUMBER	XX	120V	-	120 VDC PIPA SUPPLY VOLTAGE	
*VERB	-	DSKY VERB DISPLAY	XX	BIAS	-	TM BIAS VOLTAGE	
*NOUN	-	DSKY NOUN DISPLAY	XX	LR	-	LANDING RADAR ANTENNA TEMPERATURE	
FL	-	INDICATES WHETHER OR NOT VERB/NOUN FLASHER IS ON	FLSH/BLANK	RR	-	RENDEZVOUS RADAR ANTENNA TEMPERATURE	+XXX.X ^{0p}
*R1, R2, R3	-	DSKY ROW 1, ROW 2, AND ROW 3 DISPLAYS	+XXXX	PIP	-	PIPA TEMPERATURE	+XXX.X ^{0p}

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