

Approved for Release: 2024/06/10 C05027160

INCOMING
NRL SPECIAL PROJECTS CONTROL NUMBER

B1166-92

DATE
681022

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ORIGINATOR	! SERIAL NO.	! ENCLOSURES
	! MESSAGE	! 0

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681022 ! 1

! RECEIPT NO.
! H/C

SUBJECT
SEJ MSG REINDEER-41

DISTRIBUTION INFO

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TO	NO.	ENCL		OUT	RET'D	

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DATE-

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TWX242/231715Z
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Handle via BYEMAN
Control System

TOR 14

5614 *RDY*

~~TOP SECRET~~ 232059Z SEP 68 CITE CONQUER 907

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO,

EARPOP

REINDEER-41

A. 7104

B. 17989 A/C

C. 17996 A

D. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNEL INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF

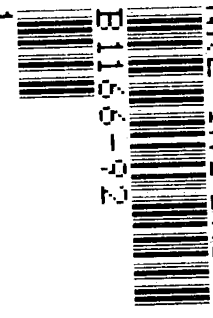
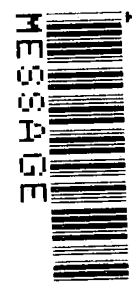
DARKNESS

E. REV	P/L	CMD	R/O	REASON
17901	C	NO	NO	LOW POWER
17904	A/C	NO	NO	OPERATIONAL CONFLICT
17915	C	NO	NO	LOW POWER
17918	A/C	NO	NO	LOW POWER
17919	A/C	NO	NO	LOW POWER
17921	A	NO	NO	LOW POWER
17922	C	NO	NO	LOW POWER
17929	C	NO	NO	LOW POWER
17932	C	NO	NO	LOW POWER
17933	C	NO	NO	LOW POWER
17935	A/C	NO	NO	LOW POWER
17936	C	NO	NO	LOW POWER
17942	A/C	NO	NO	LOW POWER
17946	A	NO	NO	OPERATIONAL CONFLICT
17946	C	NO	NO	LOW POWER
17947	C	NO	NO	LOW POWER
17956	A/C	NO	NO	OPERATIONAL CONFLICT
17960	A/C	NO	NO	LOW POWER
17961	C	NO	NO	LOW POWER
17970	C	NO	NO	LOW POWER
17973	A/C	NO	NO	LOW POWER
17974	A/C	NO	NO	LOW POWER
17975	A	NO	NO	LOW POWER
17976	C	NO	NO	LOW POWER
17983	A	NO	NO	OPERATIONAL CONFLICT
17984	C	NO	NO	LOW POWER
17987	A/C	NO	NO	LOW POWER
17988	A	NO	NO	LOW POWER

F. NONE.

~~TOP SECRET~~

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NRL INCOMING DOCUMENT

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TWX070

/091850Z

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Handle via BYEMAN
Control System
~~TOP SECRET~~

TOR 1528
9-9-68

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~~TOP SECRET~~ 091859Z SEP 68 CITE CONQUER 861

PRIORITY : WAHOO INFO ROUTINE: PROBE, MARGO, []

EARPOP

REINDEER-41

A. 7104

B. 17795 A/C

C. 17789 A

D. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNELS INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

E. REV	P/L	CMD	R/O	REASON
17698	C	NO	NO	LOW POWER
17699	C	NO	NO	LOW POWER
17702	C	NO	NO	LOW POWER
17707	A/C	NO	NO	LOW POWER
17711	A/C	NO	NO	LOW POWER
17716	C	NO	NO	LOW POWER
17721	A/C	NO	NO	LOW POWER
17725	A	NO	NO	OPERATIONAL CONFLICT
17726	C	NO	NO	LOW POWER
17735	A/C	NO	NO	LOW POWER
17739	A	NO	NO	OPERATIONAL CONFLICT
17740	C	NO	NO	LOW POWER
17742	C	NO	NO	LOW POWER
17748	A/C	NO	NO	LOW POWER
17749	C	NO	NO	LOW POWER
17753	A	NO	NO	OPERATIONAL CONFLICT
17753	C	NO	NO	LOW POWER
17762	A	NO	NO	LOW POWER
17763	C	NO	NO	OPERATIONAL CONFLICT
17768	A	NO	NO	LOW POWER
17776	A/C	NO	NO	LOW POWER
17780	A	NO	NO	OPERATIONAL CONFLICT
17780	C	NO	NO	LOW POWER
17781	A/C	NO	NO	LOW POWER
17782	A/C	NO	NO	LOW POWER
17784	C	NO	NO	LOW POWER
17785	C	NO	NO	LOW POWER
17790	A	NO	NO	OPERATIONAL CONFLICT
17790	C	NO	NO	LOW POWER
17794	A	NO	NO	OPERATIONAL CONFLICT
17794	C	NO	NO	LOW POWER
17795	C	NO	NO	LOW POWER

F. BAND 4 OF 7104 CHARLIE DID NOT READOUT ON REVS
17700, 17762 AND 17768. BANDS 7 AND 8 OF 7104 CHARLIE DID
NOT READOUT ON REVS 17713, 17754 AND 17783.

~~TOP SECRET~~

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TWX071

/091900Z

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~~TOP SECRET~~
Handle as BYEMAN
Control System

TOR 1535

9-9-68

5614

~~TOP SECRET~~ 091929Z SEP 68 CITE CONQUER 862

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [redacted]

EARPOP

REINDEER-41

A. 7105

B. 6494 A/B

6495 C/D

C. 6499 A/B/C/D

D. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF ROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 01 SEPT 68 PROJECTED TO 09 SEPT 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6497 AS FOLLOWS: SEPARATION OF ALFA/ BRAVO PAIR 112 NM, SEPARATION OF CHARLIE/DELTA PAIR 8 NM. PAYLOAD ORDER OF ARRIVAL IS CHARLIE, DELTA, BRAVO, ALFA.

E. REV	P/L	CMD	R/O	REASON
6398	A	YES	NO	LOW POWER
6402	A	NO	NO	LOW POWER
6403	A	NO	NO	LOW POWER
6404	D	YES	NO	REASON UNKNOWN
6407	A	YES	NO	LOW POWER
6408	A	YES	NO	LOW POWER
6409	A	YES	NO	LOW POWER
6411	D	YES	NO	REASON UNKNOWN
6412	A	YES	NO	LOW POWER
6415	A	YES	NO	LOW POWER
6417	A	NO	NO	LOW POWER
6419	A	NO	NO	LOW POWER
6422	A	YES	NO	LOW POWER
6423	A	YES	NO	LOW POWER
6424	A	YES	NO	LOW POWER
6425	A	YES	NO	LOW POWER
6433	A	YES	NO	LOW POWER
6434	A	YES	NO	LOW POWER
6436	A	YES	NO	LOW POWER
6437	A	YES	NO	LOW POWER
6438	A	YES	NO	LOW POWER
6443	A	YES	NO	LOW POWER
6445	C/D	YES	NO	REASON UNKNOWN
6449	A	YES	NO	LOW POWER
6450	A	YES	NO	LOW POWER
6451	A	YES	NO	LOW POWER
A 6452	MES	NO	NO	LOW POWER
6461	A	YES	NO	LOW POWER
6463	A	YES	NO	LOW POWER
6464	A	YES	NO	LOW POWER
6466	A	YES	NO	LOW POWER
6472	A	NO	NO	LOW POWER
6474	D	YES	NO	REASON UNKNOWN
6478	A	YES	NO	LOW POWER
6479	A	YES	NO	LOW POWER
6480	A	YES	NO	LOW POWER
6481	A	YES	NO	LOW POWER
6481	D	YES	NO	REASON UNKNOWN
6484	A	YES BS	NO	LOW POWER
6486	A	YES	NO	LOW POWER
6488	C	YES	NO	REASON UNKNOWN
6489	A	YES	NO	LOW POWER
6492	A	YES	NO	LOW POWER
6493	A	YES	NO	LOW POWER
6494	A	YES	NO	LOW POWER

F. BANDS 1, 6 AND 9 OF 7105 ALFA DID NOT READOUT ON REV

6431. BAND 5 OF 7105 ALFA DID NOT READOUT ON REV 6408 AND 6446. BAND 6 OF 7105 CHARLIE

9-9-68
5614

REINDEER-41

- A. 7105
- B. 6494 A/B
6495 C/D
- C. 6499 A/B/C/D

D. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF ROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 01 SEPT 68 PROJECTED TO 09 SEPT 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6497 AS FOLLOWS: SEPARATION OF ALFA/ BRAVO PAIR 112 NM, SEPARATION OF CHARLIE/DELTA PAIR 8 NM. PAYLOAD ORDER OF ARRIVAL IS CHARLIE, DELTA, BRAVO, ALFA.

E. REV	P/L	CMD	R/O	REASON
6398	A	YES	NO	LOW POWER
6402	A	NO	NO	LOW POWER
6403	A	NO	NO	LOW POWER
6404	D	YES	NO	REASON UNKNOWN
6407	A	YES	NO	LOW POWER
6408	A	YES	NO	LOW POWER
6409	A	YES	NO	LOW POWER
6411	D	YES	NO	REASON UNKNOWN
6412	A	YES	NO	LOW POWER
6415	A	YES	NO	LOW POWER
6417	A	NO	NO	LOW POWER
6419	A	NO	NO	LOW POWER
6422	A	YES	NO	LOW POWER
6423	A	YES	NO	LOW POWER
6424	A	YES	NO	LOW POWER
6425	A	YES	NO	LOW POWER
6433	A	YES	NO	LOW POWER
6434	A	YES	NO	LOW POWER
6436	A	YES	NO	LOW POWER
6437	A	YES	NO	LOW POWER
6438	A	YES	NO	LOW POWER
6443	A	YES	NO	LOW POWER
6445	C/D	YES	NO	REASON UNKNOWN
6449	A	YES	NO	LOW POWER
6450	A	YES	NO	LOW POWER
6451	A	YES	NO	LOW POWER
A 6452	MES	NO	LOW POWER	
6461	A	YES	NO	LOW POWER
6463	A	YES	NO	LOW POWER
6464	A	YES	NO	LOW POWER
6466	A	YES	NO	LOW POWER
6472	A	NO	NO	LOW POWER
6474	D	YES	NO	REASON UNKNOWN
6478	A	YES	NO	LOW POWER
6479	A	YES	NO	LOW POWER
6480	A	YES	NO	LOW POWER
6481	A	YES	NO	LOW POWER
6481	D	YES	NO	REASON UNKNOWN
6484	A	YES BS	NO	LOW POWER
6486	A	YES	NO	LOW POWER
6488	C	YES	NO	REASON UNKNOWN
6489	A	YES	NO	LOW POWER
6492	A	YES	NO	LOW POWER
6493	A	YES	NO	LOW POWER
6494	A	YES	NO	LOW POWER

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F. BANDS 1, 6 AND 9 OF 7105 ALFA DID NOT READOUT ON REV 6431. BAND 5 OF 7105 ALFA DID NOT READOUT ON REVS 6428 AND 6446. BAND 6 OF 7105 CHARLIE DID NOT READOUT ON REVS 6402, 6412, 6454, 6466, 6473 AND 6484. BAND 8 OF 7105 CHARLIE DID NOT READOUT ON REVS 6459 AND 6470. BAND 12 OF 7105 CHARLIE DID NOT READOUT ON ALL TASKED REVS. BAND 2 OF 7105 DELTA DID NOT READOUT ON REVS 6402, 6405, 6412, 6454, 6466, 6478, 6484 AND 6487. BAND 6 OF 7105 DELTA DID NOT READOUT ON REVS 6459 AND 6488.

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9-23-68

5614 RWR

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Control System~~TOP SECRET~~~~TOP SECRET~~ 232129Z SEP 68 CITE CONQUER 908PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, ☐

EARPOP

REINDEER-41

A. 7105

B. 6688 A/B/C/D

C. 6692 A/B/C/D

D. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FREQUENTLY FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 15 SEPT PROJECTED TO REV 6692 23 SEPT 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6692 AS FOLLOWS: SEPARATION OF ALFA/BRAVO PAIR 124 NM. SEPARATION OF CHARLIE/DELTA PAIR 76 NM. PAYLOAD ORDER OF ARRIVAL IS CHARLIE, DELTA, BRAVO, ALFA.

E. REV	P/L	CMD	R/O	REASON
6597	A	YES	NO	LOW POWER
6597	C	YES	NO	BAND 12 MALFUNCTION
6601	C	YES	NO	BAND 12 MALFUNCTION
6605	C	YES	NO	BAND 12 MALFUNCTION
6610	A	YES	NO	LOW POWER
6611	C	YES	NO	BAND 12 MALFUNCTION
6616	C	YES	NO	BAND 12 MALFUNCTION
6623	A	YES	NO	LOW POWER
6624	A	YES	NO	LOW POWER
6626	C	YES	NO	BAND 12 MALFUNCTION
6637	C	YES	NO	BAND 12 MALFUNCTION
6645	C	YES	NO	BAND 12 MALFUNCTION
6650	D	YES	NO	REASON UNKNOWN
6652	C	YES	NO	BAND 12 MALFUNCTION
6656	C	YES	NO	BAND 12 MALFUNCTION
6660	C	YES	NO	BAND 12 MALFUNCTION
6671	C	YES	NO	BAND 12 MALFUNCTION
6672	D	YES	NO	REASON UNKNOWN
6680	D	YES	NO	REASON UNKNOWN
6681	C	YES	NO	BAND 12 MALFUNCTION
6686	C	YES	NO	BAND 12 MALFUNCTION

F. NONE.

~~TOP SECRET~~

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Control System~~TOP SECRET~~

TWX023
03/1745Z
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522

~~TOP SECRET~~

Handle via BYEMAN
Control System

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1430

9-3-68

EARPOP

5614

~~TOP SECRET~~ 031829Z SEP 68 CITE CONQUER 837PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO,

EARPOP

REINDEER-41

A. 7105

B. 6397 A/B

6398 C/D

C. 6416 A/B/C/D

D. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 26 AUG 68 PROJECTED TO 02 SEP 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6400 AS FOLLOWS: SEPARATION OF ALFA/BRAVO PAIR 108 NM, SEPARATION OF CHARLIE/DELTA PAIR 26 NM.

E. REV	P/L	CMD	R/O	REASON
6322	D	YES	NO	REASON UNKNOWN
6332	A	NO	NO	LOW POWER
6338	A	NO	NO	LOW POWER
6352	A	NO	NO	LOW POWER
6354	A	NO	NO	LOW POWER
6362	A	NO	NO	LOW POWER
6369	A	NO	NO	LOW POWER
6373	B	NO	NO	REASON UNKNOWN
6376	A	NO	NO	LOW POWER
6382	A	NO	NO	LOW POWER
6387	A	NO	NO	LOW POWER
6389	C	YES	NO	REASON UNKNOWN
6390	A	NO	NO	LOW POWER
6391	A	NO	NO	LOW POWER
6392	D	YES	NO	REASON UNKNOWN

F. BANDS 1, 6 AND 9 OF 7105 ALFA DID NOT READOUT ON REVS 6301, 6341 AND 6365. BAND 6 OF 7105 CHARLIE DID NOT READOUT ON REVS 6314, 6323, 6332, 6335, 6357, 6384, AND 6390. BAND 8 OF 7105 CHARLIE DID NOT READOUT ON REVS 6319, 6328 AND 6389. BAND 12 OF 7105 CHARLIE DID NOT READOUT ON ALL TASKED REVS. BAND 2 OF 7105 DELTA DID NOT READOUT ON REVS 6314, 6332, 6357, 6374 AND 6384. BAND 6 OF 7105 DELTA DID NOT READOUT ON REVS 6319, 6328, 6375, 6382 AND 6389.

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521

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Control SystemTOR
1440 9-3-68~~TOP SECRET~~ 031759Z SEP 68 CITE CONQUER 836PRIORITY: WAHOO, INFO ROUTINE: PROBE, MARGO,

EARPOP

REINDEER-41

A. 7104

B. 17693 A

17694 C

C. 17715 A

D. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.CHARLIE TELEMETRY CHANNELS INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

E. REV	P/L	CMD	R/O	REASON
17601	A/C	NO	NO	LOW POWER
17606	C	NO	NO	LOW POWER
17611	C	NO	NO	LOW POWER
17615	A	NO	NO	LOW POWER
17624	A/C	NO	NO	LOW POWER
17625	C	NO	NO	OPERATIONAL CONFLICT
17630	C	NO	NO	LOW POWER
17638	A/C	NO	NO	LOW POWER
17639	C	NO	NO	OPERATIONAL CONFLICT
17643	A	NO	NO	LOW POWER
17652	A/C	NO	NO	LOW POWER
17656	A	NO	NO	OPERATIONAL CONFLICT
17661	C	NO	NO	LOW POWER
17666	A/C	NO	NO	LOW POWER
17670	C	NO	NO	LOW POWER
17671	C	NO	NO	LOW POWER
17680	C	NO	NO	LOW POWER
17684	A	NO	NO	OPERATIONAL CONFLICT
17685	C	NO	NO	LOW POWER
17693	A/C	NO	NO	LOW POWER
17694	C	NO	NO	OPERATIONAL CONFLICT

F. BAND 4 OF 7104 CHARLIE DID NOT READOUT ON REVS 17617 AND
17644. BANDS 7 AND 8 OF 7104 CHARLIE DID NOT READOUT ON REVS
17616, 17634 AND 17658.~~TOP SECRET~~

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EARPOP

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Control System

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Control System

~~TOP SECRET~~ 162129Z SEP 68 CITE CONQUER 885

PRIORITY: WAHOO INFO ROUTINE : PROBE, MARGO,

EARPOP

REINDEER-41

A. 7105

B. 6591 A/B

6592 C/D

C. 6596 A/B/C/D

D. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY RWM NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 03 SEPT 68 PROJECTED TO 16 SEPT 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6594 AS FOLLOWS: SEPARATION OF ALFA/BRAVO PAIR 120 NM. SEPARATION OF CHARLIE/DELTA PAIR 44 NM. PAYLOAD ORDER OF ARRIVAL IS CHARLIE, DELTA, BRAVO, ALFA.

E. REV	P/L	CMD	R/O	REASON
6498	A	NO	NO	LOW POWER
6500	A	NO	NO	LOW POWER
6502	A	YES	NO	LOW POWER
6508	C/D	YES	NO	REASON UNKNOWN
6525	A	YES	NO	LOW POWER
6527	A	YES	NO	LOW POWER
6541	A	YES	NO	LOW POWER
6547	A	YES	NO	LOW POWER
6550	A	YES	NO	LOW POWER
6553	D	YES	NO	REASON UNKNOWN
6557	A	YES	NO	LOW POWER
6558	A	YES	NO	LOW POWER
6559	A	YES	NO	LOW POWER
6562	A	YES	NO	LOW POWER
HM 6563	A	YES	NO	LOW POWER
6566	A	YES	NO	LOW POWER
6567	A	NO	NO	LOW POWER
6568	A	YES	NO	LOW POWER
6569	A	YES	NO	LOW POWER
6573	A	YES	NO	LOW POWER
6574	A	YES	NO	LOW POWER
6575	A	YES	NO	LOW POWER
6576	A	YES	NO	LOW POWER
6580	A	YES	NO	LOW POWER
6582	A	YES	NO	LOW POWER
6583	A	YES	NO	LOW POWER
6585	C	YES	NO	REASON UNKNOWN
6587	A	YES	NO	LOW POWER
6590	A	YES	NO	LOW POWER
6591	A	YES	NO	LOW POWER
6592	C/D	YES	NO	REASON UNKNOWN

F. BANDS 2 AND 4 OF 7105 ALFA DID NOT READOUT ON REVS 6506, 6512 AND 6534. BAND 5 OF 7105 ALFA DID NOT READOUT ON REVS 6499, 6528, 6543 AND 6556. BANDS 7 AND 10 OF 7105 ALFA DID NOT READOUT ON REVS 6507, 6531 AND 6553. BAND 6 OF 7105 CHARLIE DID NOT READOUT ON REVS 6526, 6536, 6564, 6576 AND 6591. BAND 8 OF 7105 CHARLIE DID NOT READOUT ON REVS 6522 AND 6540. BAND 12 OF 7105 CHARLIE DID NOT READOUT ON ALL TASKED REVS. BAND 2 OF 7105 DELTA DID NOT READOUT ON REVS 6526, 6536, 6564, 6576 AND 6591. BAND 6 OF 7105 DELTA DID NOT READOUT ON REVS 6563, 6574 AND 6585. BAND 7 OF 7105 DELTA DID NOT READOUT ON REVS 6515 AND 6529.

~~TOP SECRET~~

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603

603

Handle via BYEMAN
Control System

~~TOP SECRET~~

TOR
0900
9-17-68

~~TOP SECRET~~/161955Z

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603

603

~~TOP SECRET~~ 162059Z SEP 68 CITE CONQUER 884

PRIORITY : WAHOO INFO ROUTINE: PROBE, MARGO, []

EARPOP

REINDEER-41

A. 7104

B. 17892 A/C

C. 17899 A

D. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNELS INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

E. REV	P/L	CMD	R/O	REASON
JQUIPP	C	NO	NO	LOW POWER
17804	A/C	NO	NO	LOW POWER
17808	A/C	NO	NO	LOW POWER
17809	A/C	NO	NO	LOW POWER
17813	C	NO	NO	LOW POWER
17818	A	NO	NO	OPERATIONAL CONFLICT
17822	A	NO	NO	OPERATIONAL CONFLICT
17822	C	NO	NO	LOW POWER
17823	C	NO	NO	LOW POWER
17825	A/C	NO	NO	LOW POWER
17832	C	NO	NO	LOW POWER
17835	A	NO	NO	OPERATIONAL CONFLICT
17835	C	NO	NO	LOW POWER
17836	C	NO	NO	LOW POWER
17846	C	NO	NO	LOW POWER
17849	A	NO	NO	OPERATIONAL CONFLICT
17849	C	NO	NO	LOW POWER
17850	C	NO	NO	LOW POWER
17860	C	NO	NO	LOW POWER
17863	C	NO	NO	LOW POWER
17864	C	NO	NO	LOW POWER
17873	A	NO	NO	OPERATIONAL CONFLICT
17873	C	NO	NO	LOW POWER
17877	A	NO	NO	OPERATIONAL CONFLICT
17877	C	NO	NO	LOW POWER
17878	C	NO	NO	LOW POWER
J 17887	A/C	NO	NO	OPERATIONAL CONFLICT
17890	A	NO	NO	OPERATIONAL CONFLICT
17891	A	NO	NO	OPERATIONAL CONFLICT
17891	C	NO	NO	LOW POWER
17892	C	NO	NO	LOW POWER

F. BAND 4 OF 7104 CHARLIE DID NOT READOUT ON REVS 17811, 17818,
17827 AND 17841. BANDS 7 AND 8 OF 7104 CHARLIE DID NOT READOUT
ON REVS 17810, 17837, 17838, 17855, 17865 AND 17869.

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MO DE 9321 KK DE 9321 KK
RGRG TRF FOR U

TWX25127/1230Z

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Handle via ~~Br...~~
Control System

TOR 0840
8-27-68

5614 *[Signature]*

~~TOP SECRET~~ 271359Z AUG 68 CITE CONQUER 812

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO,

EARPOP

REINDEER-41

A. 7104

B. 17597 A/C

C. 17604 A

D. ALFA OLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS EKRING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNEL INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

E. REV	P/L	CMD	R/O	REASON
17510	C	NO	NO	LOW POWER
17514#7	A/C	NO	NO	LOW POWER
17515	C	NO	NO	OPERATIONAL CONFLICT
17528	A/C	NO	NO	LOW POWER
17542	A/C	NO	NO	OPERATIONAL CONFLICT
17555	A/C	NO	NO	LOW POWER
17556	A	NO	NO	LOW POWER
17556	C	NO	NO	OPERATIONAL CONFLICT
17569	A/C	NO	NO	LOW POWER
17570	C	NO S	NO	OPERATIONAL CONFLICT
17583	A/C	NO	NO	LOW POWER
17584	C	NO	NO	OPERATIONAL CONFLICT
17588	C	NO	NO	LOW POWER
17589	C	NO	NO	LOW POWER
17593	C	NO	NO	LOW POWER
17597	A/C	NO	NO	LOW POWER

F. BAND 4/OF 7104 CHARLIE DID NOT READOUT ON REVS 17533,
17548 AND 17575. BANDS 7 AND 8 OF 7104 CHARLIE DID NOT READOUT
ON REV 17561.

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459

~~TOP SECRET~~Handle via BYEMAN
Control SystemTOP 1303
8-20-68~~TOP SECRET~~ 201429Z AUG 68 CITE CONQUER 793

PRIORITY WAHOO INFO ROUTINE PROBE, MARGO, [REDACTED]

EARPOP

REINDEER-41

A. 7105

B. 6203 A/B/CBMD

C. 6209 A/B/C/D

D. 1. NOMINAL FOR MSN BRAVO. RESUMED TASKING MSN ALFA WITH REV 6106 OF 12 AUG 68. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. REVIEW OF REPORTS FROM COMMAND SITES INDICATES ACTIVATION OF MSN ALFA HAS BEEN 85 PER CENT SUCCESSFUL FOR THIS PERIOD. BAND 12 OF MSN CHARLIE FREQUENTLY FAILS TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUT INDICATES CORRECT ACTIVATION OF GROUP 10 TASKING. SITE [REDACTED] HAS REPORTED A POSSIBLE MALFUNCTION OF BAND 10, MSN DELTA. THE LACK OF DATA HAS BEEN SIGNIFICANT, COMBINED WITH OVERRIDING NOISE OBSCURING BRIEF PERIODS OF ACTIVITY.

5614 *DM*
malfunction
file.

2. NAVSPASUR TRACKING ELEMENTS OF 11 AUG 68 PROJECTED TO 20 AUG 68 INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6213 AS FOLLOWS: SEPARATION OF ALFA/BRAVO PAIR 100 NM, SEPARATION OF CHARLIE/DELTA PAIR 75 NM.

E.	REV	P/L	CMD	R/O	REASON
	6107	A	NO	NO	LOW POWER
	6108	A	NO	NO	LOW POWER
	6108	C	YES	NO	REASON UNKNOWN
	6121,	A	NO	NO	LOW POWER
	6122	A	NO	NO	LOW POWER
	6133	A	NO	NO	LOW POWER
	6136	A	NO	NO	LOW POWER
	6139	A	NO	NO	LOW POWER
	6163	C	YES	NO	REASON UNKNOWN
	6168	A	NO	NO	LOW POWER
	6177	C/D	YES	NO	REASON UNKNOWN
	6180	A	NO	NO	LOW POWER
	6181	A	NO	NO	LOW POWER
	6182	A	NO	NO	LOW POWER
	6182	D	YES	NO	REASON UNKNOWN
	6188	C	YES	NO	REASON UNKNOWN
	6190	A	NO	NO	LOW POWER
	6195	A	NO	NO	LOW POWER

F. BANDS 2 AND 4 OF 7105A DID NOT READOUT ON REVS 6106, 6154 AND 6161. BAND 7 AND 10 OF 7105A DID NOT READOUT ON REV 6114. BAND 6 OF 7105C DID NOT READOUT ON REVS 6109, 6113, 6125, 6140, 6162, 6174, 6183, 6186, 6190, 6195 AND 6202. BAND 9 OF 7105C DID NOT READOUT ON REVS 61181 6136 AND 099. BAND 12 OF 7105C DID NOT READOUT ON REVS 6106, 6115, 6119, 6126, 6130, 6134, 6141, 6145, 6149, 6155, 6160, 6164, 6170, 6175, 6181, 6189, 6196, 6200 AND 6201. BAND 2 OF 7105D DID NOT READOUT ON RVS 6113, 6125, 6140, 6162, 6174, 6183, 6190, 6195 AND 6202. BAND 6 OF 7105D DID NOT READOUT ON REV 6118.

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via BYEMAN
Control System

TOR 1405

7-16-68

5614 RDM

~~TOP SECRET~~ 161829Z JUL 68 CITE CONQUER 655

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [REDACTED]

EARPOP

REINDEER-41

A. 7105

B. 5716 B/C/D

C. 5721 A/B/C/D

D. 1. NOMINAL FOR B/D. 7105 ALFA TELEMETRY CHANNEL WAS SUCCESSFULLY ACTIVATED DURING ORBIT 5639 BY NRL COMMAND SITE AT BLOSSOM POINT. TELEMETRY OPERATIONAL WHILE PAYLOAD IN SUNLIGHT, REMAINS ON STEADY TONE WHEN IN DARKNESS. DATA CHANNELS WERE SUCCESSFULLY ACTIVATED, UN THE RECYCLING MODE, DURING ORBIT 5644. DATA CHANNELS WERE UNRESPONSIVE DURING ALL OTHER TASKED ORBITS. AT THE REQUEST OF NRL, AND APPROVAL OF HIGHER AUTHORITY, TASKING WAS SUSPENDED TO PERMIT ENGINEERING EVALUATION OF PAYLOAD. A REPORT OF STATUS HAS NOT BEEN SUBMITTED AS OF THIS DATE.

(12) BAND 82 OF MSN 7105 CHARLIE FREQUENTLY FAILS TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUT INDICATES CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 7 JULY, PROJECTED TO 16 JULY, INDICATE SEPARATION OF PAYLOADS FOR ORBIT 5731 AS FOLLOWS: ALFA/BRAVO 76 NM, CHARLIE/DELTA 304 NM. SEPARATION BETWEEN ALFA/ BRAVO AND CHARLIE/DELTA PAIRS 11760 NM.

E. REV	P/L	CMD	R/O	REASON
5628	D	YES	NO	REASON UNKNOWN
5645	B	NO	NO	CMD AT [REDACTED] FAILED
5645	C/D	NO	NO	CMD AT [REDACTED] FAILED
5688	C/D	YES	NO	REASON UNKNOWN
5698	D	YES	NO	REASON UNKNOWN

F. BAND 6 OF 7105 CHARLIE DID NOT REAZMUT ON REVS 5629, 5656, 5699, 5702 AND 5711. BAND 12 OF 7105 CHARLIE DID NOT READOUT ON REVS 5621, 5625, 5631, 5635, 5642, 5650, 5657, 5676, 5686, (691, 5697, 5701, 5705, 5712 AND 5716. BAND 2 OF 7105 DELTA DID NOT READOUT ON REVS 5629, 5656, 5699 AND 5711. BAND 6 OF 7105 DELTA DID NOT READOUT ON REVS 5679 AND 5715.

via BYEMAN

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Handle via BYEMAN
Control System

TOR 1000

8-13-68

5614 *RMA**Reinder 41 file*

~~TOP SECRET~~ 131429Z AUG 68 CITE CONQUER 752
PRIORITY WAHOO INFO ROUTINE PROBE, MARGO,
EARPOP
REF A. MY 081759Z AUG 68 CITE CONQUER 744
REINDEER-41

A. 7105
B. 6105 B/C/D
C. 6113 A/B/C/D
DJ

1. NOMINAL FOR B/D. THE ENGINEERING EVALUATION OF 7186A WAS COMPLETED 08 AUG 68. ONE COMMAND GYCEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. NRL EXPERIMENTS INDICATE MSN 7105A CAN BE SUCCESSFULLY COMMANDED BY DOUBLING THE TIME DURATION OF THE TONE BURSTS FROM THE WAVETEK COMMAND TONE GENERATOR. THIS PROCEDURE BEING IMPLEMENTED BY FIELD SITES FOR THE FIRST TASKED PASS OF THE NEXT REPORTING PERIOD (616 OF 12 AUG 68). ADDITIONAL DETAILS OF NRL EVALUATION AND RECOMMENDATIONS CONTAINED REF A. BAND 1 OF MSN 7105C FREQUENTLY FAILS TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUT INDICATES CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 04 AUG PROJECTED TO 12 AUG, INDICATE SEPARATION OF PAYLOADS FOR ORBIT 6108 AS FOLLOWS:
ALFA/BRAVO 124 NM, CHARLIE/DELTA 96 NM. SEPARATION BETWEEN ALFA/BRAVO AND CHARLIE/DELTA PAIRS 1255 NM.

E. REV	P/L	CMD	R/O	REASON
6028	B	NO	NO	DEACTIVATION OF COMMAND POSIT AT DURING INSTALLATION OF NEW ANTENNA SYSTEM.
N		KS		
6074	C/D	NO	NO	REASON UNKNOWN
6103	C	NO	NO	REASON UNKNOWN

F. BAND 6 OF 7105 CHARLIE DID NOT READOUT ON REV 6009, 6044, 6071, 6087, 6093, 6009 AND 6102. BAND 9 OF 7105 CHARLIE DID NOT READOUT ON REV 6034. BAND 12 OF 7105 CHARLIE DID NOT READOUT ON REVS 6011, 6017, 6022, 6032, 6037, 6042, 6046, 6050, 6061, 6065, 6072, 6076, 6080, 6086, 6091, 6095, AND 6101. BAND 2 OF 7105 DELTA DID NOT READOUT ON REVS 6044, 6071, 6090, 6093, 6099 AND 6102. BAND 6 OF 7105 DELTA DID NOT READOUT ON REVS 6039 AND 6103.

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Handle via BYEMAN
Control System

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Control System

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342

TOP 1030
30 Jul 68~~TOP SECRET~~ 301414Z JUL 68 CITE CONQUER 708

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [REDACTED]

EARPOP

REINDEER-41

A. 7104

B. 17210 A/C

C. 17210 A

D. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNEL INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

E. REV	P/L	CMD	R/O	REASON
17114	C	NO	NO	LOW POWER
17118	C	NO	NO	LOW POWER
17119	C	NO	NO	LOW POWER
17132	C	NO	NO	LOW POWER
17133	C	NO	NO	LOW POWER
17142	A/C	NO	NO	LOW POWER
17155	A/C	NO	NO	LOW POWER
17156	A	NO	NO	OPERATIONAL CONFLICT
17156	C	NO	NO	LOW POWER
17169	A/C	NO	NO	LOW POWER
17174	C	NO	NO	LOW POWER
17183	A/C	NO	NO	LOW POWER
17187	C	NO	NO	LOW POWER
17188	C	NO	NO	LOW POWER
17189	A	NO	NO	LOW POWER
17193	C	NO	NO	LOW POWER
17197	A	NO	NO	OPERATIONAL CONFLICT
17197	C	NO	NO	LOW POWER
17201	C	NO	NO	OPERATIONAL CONFLICT
17202	C	NO	NO	OPERATIONAL CONFLICT
17203	C	NO	NO	LOW POWER

F. BANDS 5 AND 7 OF 7104 ALFA DID NOT READOUT ON REV 17114.

BANDS 2 AND 3 OF 7104 CHARLIE DID NOT READOUT ON REV 17210.

BAND 4 OF 7104 CHARLIE DID NOT READOUT ON REVS 17120, 17148, AND
17189. BANDS 7 AND 8 OF 7104 CHARLIE DID NOT READOUT ON REV
17165.

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Control System

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~~TOP SECRET~~ 221429Z OCT 68 CITE CONQUER 1003
PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [REDACTED]

EARPOP
REINDEER-41

- A. 7105
- B. 7080 A/E/C/D
- C. 6983 14 OCT THROUGH 7080 21 OCT 68
- D. 80 A
86 B
59 C
74 D

E. REV	P/L	CMD	R/O	REASON
6983	C	YES	NO	BAND 12 MALFUNCTION
6985	C/D	YES	NO	REASON UNKNOWN
6987	A/B	NO	NO	SEE REMARKS
6988	D	YES	NO	REASON UNKNOWN
6989	A/B	NO	NO	SEE REMARKS
6990	A/B/C/D	NO	NO	SEE REMARKS
6991	A/B/C/D	NO	NO	SEE REMARKS
6992	C/D	NO	NO	SEE REMARKS
6997	C	YES	NO	BAND 12 MALFUNCTION
7002	C	YES	NO	BAND 12 MALFUNCTION
7006	C	YES	NO	BAND 12 MALFUNCTION
7009	D	YES	NO	REASON UNKNOWN
7012	C	YES	NO	BAND 12 MALFUNCTION
7017	C	YES	NO	BAND 12 MALFUNCTION
7023	C	YES	NO	BAND 12 MALFUNCTION
7027	C	YES	NO	BAND 12 MALFUNCTION
7031	C	YES	NO	BAND 12 MALFUNCTION
7036	D	YES	NO	REASON UNKNOWN
7038	C	YES	NO	BAND 12 MALFUNCTION
7042	C	YES	NO	BAND 12 MALFUNCTION
7046	C	YES	NO	BAND 12 MALFUNCTION
7049	A	YES	NO	LOW POWER
7050	C	YES	NO	REASON UNKNOWN
7053	C	YES	NO	BAND 12 MALFUNCTION
7057	C	YES	NO	BAND 12 MALFUNCTION
7061	C	YES	NO	BAND 12 MALFUNCTION
7066	C/D	YES	NO	REASON UNKNOWN
7067	C	YES	NO	BAND 12 MALFUNCTION
7072	C	YES	NO	BAND 12 MALFUNCTION
7075	C/D	YES	NO	REASON UNKNOWN
7078	C	YES	NO	BAND 12 MALFUNCTION
7079	D	YES	NO	REASON UNKNOWN

F. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FREQUENTLY FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF GROUP 10 TASKING.

G. [REDACTED] COMMAND ANTENNA SYSTEM WAS OUT OF SERVICE FOR REPLACEMENT AND MODIFICATIONS DURING TIME PERIOD 140700Z OCT THROUGH 142019Z OCT. TASKING FOR REVS 6987 A/B, 6989 A/B, 6990 A/B/C/D, 6991 A/B/C/D AND 6992 C/D WAS CANCELLED.

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TDR 0945

10-22-68

5614 Rdy

via EYKAW
STANLEY

TWX179
/221305Z
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~~TOP SECRET~~ 221359Z OCT 68 CITE CONQUER 1002

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO

EARPOP

REINDEER-41

A. 7104

B. 18378 A
18379 C

C. 18283 14 OCT THROUGH 18379 20 OCT 68

D. 32 A
35 C

E. REV	P/L	CMD	R/O	REASON
18283	C	NO	NO	LOW POWER
18291	A/C	NO	NO	TASKING CANCELLED SEE REMARKS
18292	A/C	NO	NO	TASKING CANCELLED SEE REMARKS
18293	C	NO	NO	TASKING CANCELLED SEE REMARKS
18294	A	NO	NO	LOW POWER
18296	A/C	NO	NO	LOW POWER
18301	C	NO	NO	OPERATIONAL CONFLICT
18305	C	NO	NO	OPERATIONAL CONFLICT
18310	C	NO	NO	LOW POWER
18318	A	NO	NO	LOW POWER
18318	C	NO	NO	OPERATIONAL CONFLICT
18319	C	NO	NO	OPERATIONAL CONFLICT
18321	A/C	NO	NO	LOW POWER
18324	C	NO	NO	LOW POWER
18328	A	NO	NO	LOW POWER
18332	C	NO	NO	OPERATIONAL CONFLICT
18337	A	NO	NO	LOW POWER
18342	C	NO	NO	OPERATIONAL CONFLICT
18346	A	NO	NO	LOW POWER
18346	C	NO	NO	OPERATIONAL CONFLICT
18347	C	NO	NO	OPERATIONAL CONFLICT
18351	A/C	NO	NO	LOW POWER
18352	C	NO	NO	LOW POWER
18356	C	NO	NO	OPERATIONAL CONFLICT
18365	A	NO	NO	LOW POWER
18370	C	NO	NO	OPERATIONAL CONFLICT
18378	A	NO	NO	LOW POWER

F. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNEL INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

G. ☐ COMMAND ANTENNA SYSTEM WAS OUT OF SERVICE FOR
REPLACEMENT AND MODIFICATIONS DURING TIME PERIOD 140700Z
OCT THROUGH 142019Z OCT. INTERROGATION TASKING FOR REV
18291 A/C, 18292 A/C AND 18293-C WAS CANCELLED.

~~TOP SECRET~~

BT

TOR 0932
10-22-68

5614 *RWY*

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/151415Z

BT

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791 ✓

~~TOP SECRET~~ 151429Z OCT 68 CITE CONQUER 981

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [REDACTED]

EARPOP

REINDEER-41

A. 7105

B. 6982 A/B/C/D

C. 6886 07 OCT THRU 6982 13 OCT 68

D. 81 A

85 B

66 C

80 D

E. REV	P/L	CMD	R/C	REASON
6887	C	YES	NO	BAND 12 MALFUNCTION
6891	C	YES	NO	BAND 12 MALFUNCTION
6898	C	YES	NO	BAND 12 MALFUNCTION
6902	C	YES	NO	BAND 12 MALFUNCTION
6906	C	YES	NO	BAND 12 MALFUNCTION
6908	A	YES	NO	LOW POWER
6913	C	YES	NO	BAND 12 MALFUNCTION
6917	C	YES	NO	BAND 12 MALFUNCTION
6921	C	YES	NO	BAND 12 MALFUNCTION
6925	A	YES	NO	LOW POWER
6927	C	YES	NO	BAND 12 MALFUNCTION
6935	A	YES	NO	LOW POWER
6936	A	YES	NO	LOW POWER
6936	C	YES	NO	BAND 12 MALFUNCTION
6942	C	YES	NO	BAND 12 MALFUNCTION
6944	C/D	YES	NO	REASON UNKNOWN
6946	C	YES	NO	BAND 12 MALFUNCTION
6953	C	YES	NO	BAND 12 MALFUNCTION
6957	C	YES	NO	BAND 12 MALFUNCTION
6968	C	YES	NO	BAND 12 MALFUNCTION
6971	C/D	YES	NO	REASON UNKNOWN
6972	C	YES	NO	BAND 12 MALFUNCTION
6973	D	YES	NO	REASON UNKNOWN
6978	C	YES	NO	REASON UNKNOWN

F. 1. NOMINAL FOR B/D. MSN ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE DATA AND TELEMETRY CHANNELS DURING PERIODS OF DARKNESS. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO ABNORMALLY LOW NEGATIVE VOLTAGE SUPPLY AND THE OTHER COMMAND RECEIVER, POWERED BY THE POSITIVE VOLTAGE SUPPLY, IS OPERATIVE BUT AT REDUCED SENSITIVITY. BAND 12 OF MSN CHARLIE FREQUENTLY FAILED TO RESPOND EVEN THOUGH TELEMETRY CHANNEL READOUTS INDICATED CORRECT ACTIVATION OF GROUP 10 TASKING.

2. NAVSPASUR TRACKING ELEMENTS OF 06 OCT PROJECTED TO REV 6984 14 OCT, INDICATE SEPARATION OF PAYLOADS AS FOLLOWS: SEPARATION OF ALFA/BRAVO 132 NM. SEPARATION OF CHARLIE/DELTA 108 NM.

G. NONE.

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TOR 1045
10-15-68
5614 RWD

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/151409Z
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Handle via BYEMAR
Control System

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TOR 1050
10-15-68

5614 RWA

~~TOP SECRET~~ 151359Z OCT 68 CITE CONQUER 980

PRIORITY: WAHOO INFO ROUTINE: PROBE, MARGO, [REDACTED]

EARPOP

REINDEER-41

- A. 7104
- B. 18281 A/C
- C. 18185 07 OCT THRU 18281 13 OCT 68
- D. 41 A
36 C

E. REV	P/L	CMD	R/O	REASON
18190	A	NO	NO	OPERATIONAL CONFLICT
18190	C	NO	NO	LOW POWER
18194	C	NO	NO	OPERATIONAL CONFLICT
18195	C	NO	NO	OPERATIONAL CONFLICT
18204	A	NO	NO	OPERATIONAL CONFLICT
18204	C	NO	NO	LOW POWER
18208	C	NO	NO	OPERATIONAL CONFLICT
18209	C	NO	NO	OPERATIONAL CONFLICT
18212	C	NO	NO	LOW POWER
18222	C	NO	NO	OPERATIONAL CONFLICT
18227	A	NO	NO	LOW POWER
18236	C	NO	NO	LOW POWER
18240	A	NO	NO	LOW POWER
18241	A	NO	NO	LOW POWER
18246	C	NO	NO	OPERATIONAL CONFLICT
18250	C	NO	NO	OPERATIONAL CONFLICT
18254	A	NO	NO	LOW POWER
18255	C	NO	NO	LOW POWER
18263	C	NO	NO	OPERATIONAL CONFLICT
18264	C	NO	NO	OPERATIONAL CONFLICT
18268	A/C	NO	NO	LOW POWER
18269	C	NO	NO	LOW POWER
18277	C	NO	NO	OPERATIONAL CONFLICT
18278	C	NO	NO	OPERATIONAL CONFLICT
18281	C	NO	NO	LOW POWER

F. ALFA SOLAR BATTERY VOLTAGES INSUFFICIENT TO OPERATE
TELEMETRY AND DATA CHANNELS DURING PERIODS OF DARKNESS.
CHARLIE TELEMETRY CHANNELS INACTIVE, SOLAR BATTERY VOLTAGES
INSUFFICIENT TO OPERATE DATA CHANNELS DURING PERIODS OF
DARKNESS.

G. NONE.

~~TOP SECRET~~
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