

Approved for Release: 2024/08/06 C05098669
~~SECRET-SPECIAL HANDLING~~

AW01426

cy-3

FUNDIT 4
INSTRUMENTATION SCHEDULE
9 FEBRUARY 1965

7309

SECRET SH0063-15-

*10974
cy 2*

~~SECRET-SPECIAL HANDLING~~

VEHICLE 4401 PAYLOAD COMMUTATOR SCHEDULE

COMMUTATED CHANNEL NO. A LINK NO. I COMM. TYPE S/S NO. RATE 1 RPS POINT 60

<u>COMM</u> <u>POS</u>	<u>MEASUREMENT</u>	<u>RANGE VOLTS</u>
1	Cal 1/2	2.5v
2	OTE #1 'A' Base Plate Temp.	0.9-3.7v
3	OTE #2 'B' Base Plate Temp.	0.4-4.5v
4	OTE #3 'A' Recognition	0.5 or 5.0v
5	OTE #36 RF Cal. Mon.	1.2 or 3.0v
6	OTE #4 'A' Freq. Monitor	0.5-4.5v
7	OTE #5 'A' Rcvr Noise Lev.	2.0v Nominal
8	OTE #6 'B4' Rcvr Noise Lev.	1.5v Nominal
9	OTE #7 'B1' Recognition	0.5 or 5.0v
10	OTE #8 'B1' Rcvr Noise Lev.	1.5v Nominal
11	OTE #9 'B2' Recognition	0.5 or 5.0v
12	OTE #10 'B2' Rcvr Noise Lev.	1.5v Nominal
13	OTE #11 'B3' Recognition	0.5 or 5.0v
14	OTE #12 'B3' Rcvr Noise Lev.	1.5v Nominal
15	OTE #13 'B4' Recognition	0.5 or 5.0v
16	Repeat Pos. #6	
17	OTE #14 'A' Input Volt. Mon.	3.4v @ 26.5 VDC IN
18	Spare	
19	OTE #15 'B' Input Volt. Mon.	3.6v @ 28 VDC IN
20	OTE #16 'B1' L.O.	0.5 or 1.84 or 3.18 or 4.5v
21	Spare	
22	OTE #17 'B2' L.O.	0.5 or 1.84 or 3.18 or 4.5v
23	Spare	

~~SECRET-SPECIAL HANDLING~~

- 2 -

<u>COM</u> <u>POS</u>	<u>MEASUREMENT</u>	<u>RANGE VOLTS</u>
24	OTE #18 'B3' L.O.	0.5 or 1.84 or 3.18 or 4.5v
25	Spare	
26	Repeat Pos. #6	
27	OTE #19 'B4' L.O.	0.5 or 1.84 or 3.18 or 4.5v
28	OTE #20 Sig. Modif. Volt.Mon.	1.7v @ 28 VDC IN
29	OTE #21 'B1' IF	0.0 or 0.9 or 1.8 or 2.7 or 3.6 or 4.5v
30	Cal +	5.0v
31	Spare	
32	OTE #22 Sig.Mod. Temp.	0.9-4.1v
33	OTE #23 'B2' IF	Same as 'B1' IF
34	OTE #24 'B' 10 Volt Mon.	3.0v Nominal
35	OTE #25 'B3' IF	Same as 'B1' IF
36	Repeat Pos. #6	
37	OTE #26 'B4' IF	Same as 'B1' IF
38	OTE #27 'A' 10v Mon.	3.15v Nominal
39	Spare	
40	OTE #28 'B' Vid.Switch X	0.0 or 1.0v
41	OTE #29 'B' Vid.Switch Y	0.0 or 1.0v
42	GT Fuse Mon.	0-5v P11 Vehicle Monitors
43	GT Status Mon.	0-5v " " "
44	+28v Unreg. Mon.	0-5v " " "
45	OTE #30 'B' Vid.Switch V	0.0 or 1.0v
46	Repeat Pos. #6	
47	OTE #31 'B' Vid.Switch W	0.0 or 1.0v

~~SECRET-SPECIAL HANDLING~~

- 3 -

<u>COMM</u> <u>POS</u>	<u>MEASUREMENT</u>	<u>RANGE VOLTS</u>
48	OTE #32 'B' Vid.Switch Z	0.0 or 1.0v
49	TRG #1 4 Sec. Mon.	8 Equally Spaced Steps (0-5v)
50	TRG #2 32 Sec. Mon.	Same as TRG #1
51	Battery Temp. (Center)	P11 Vehicle Monitor 0.5v
52	TRG #3 256 Sec. Mon.	Same as TRG #1
53	TRG #4 2048 Sec. Mon.	Same as TRG #1
54	OTE #33 'A' Internal Temp.	1.25-3.0v
55	TRG #5 16,384 Sec. Mon.	Same as TRG #1
56	Repeat Pos. #6	
57	Cal Z	0.0v
58	Sync	5.3v
59	Sync	5.3v
60	Sync	5.3v

~~SECRET-SPECIAL HANDLING~~