

**GRUMMAN AIRCRAFT ENGINEERING CORPORATION
BETHPAGE, L. I., NEW YORK**

SECTION XIII

DSKY ILLUMINATION

Ref. Sig.	Figure	
N1	40	DSKY EL Numeric Dimming
N2	40	400 cycle, 0-75V
N3	40	2-5.5VDC Status Light Power
N4	40	2-5.5VDC Caution Light Power

Signal N1: 800 CPS; 14V maximum

Signal N2:

Voltage: 115V $\pm$ 2.5V (Controlled 20-75 volts.
Emergency condition 115V)
Current: 17.5 milliamperes (input power not to exceed
0.66 watts at 75V.
Frequency: 400 CPS
Noise: Modulation per MIL. STD. 704
Transient voltages not to exceed 225 volts peak,
from transient start to 2.5 milliseconds. After
2.5 milliseconds, the voltage shall be within
the limits of 144 volts peak to 188 volts peak
with recovery to steady-state conditions within
50 milliseconds.

Voltage spikes, superimposed on a.c., of 10 volts
maximum amplitude with 90% recovery time within
250 microseconds.

Signals N3 & N4:

Caution Indicator current requirement:	0.150 amperes per display	} at 5Vdc
Status Indicator current requirement:	0.225 amperes per display	
Peak current drain (N3 plus N4):	3.1 amperes max. for 10 seconds max. (lamp test only)	

TDRK 38154

JUN 11 1970

INTERFACE CONTROL DOCUMENT

SHEET
98 OF 114

ICD NO.
LIS 370-10004

REV
D

GRUMMAN AIRCRAFT ENGINEERING CORPORATION
BETHPAGE, L. I., NEW YORK

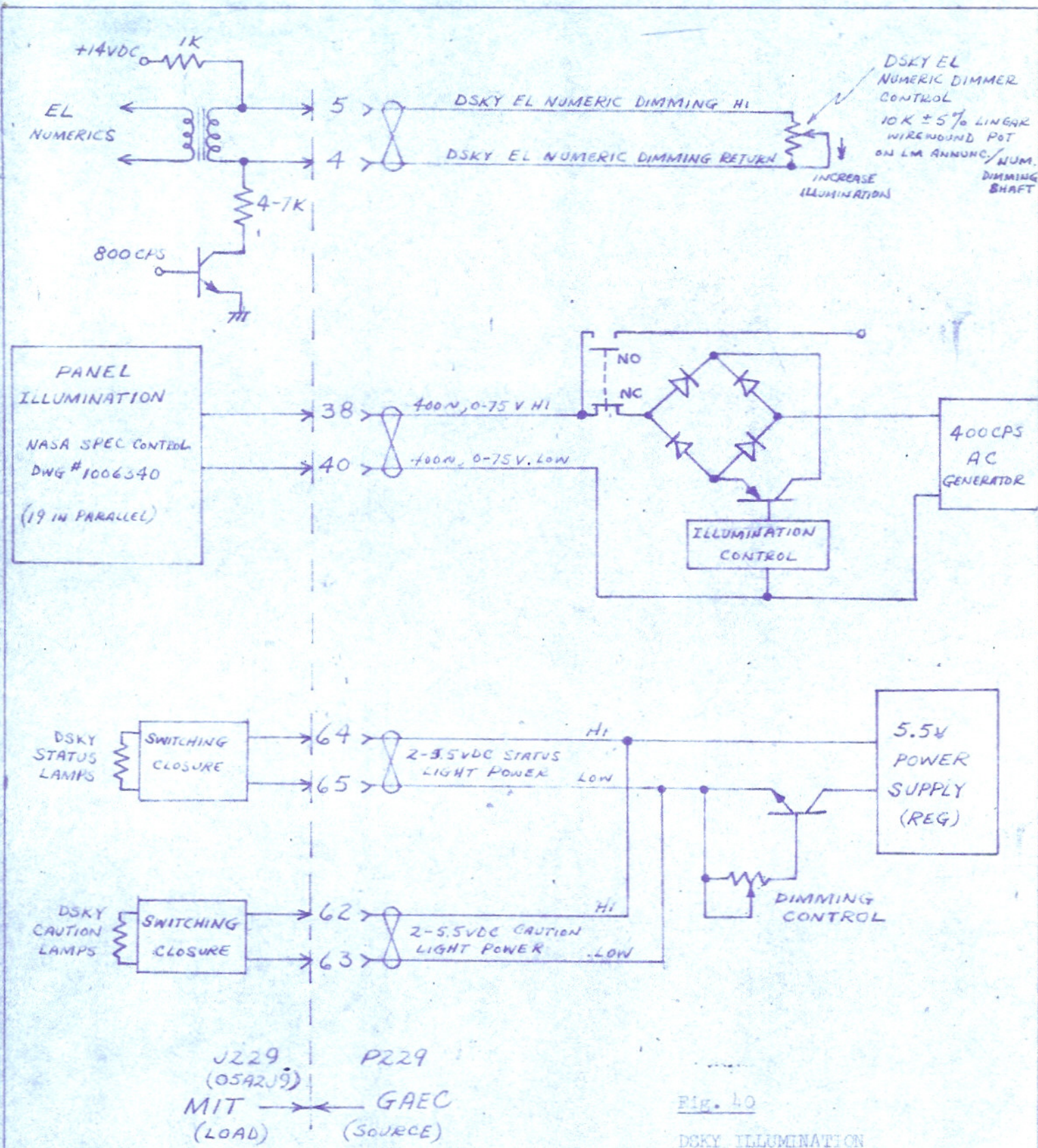


FIG. 40

DSKY ILLUMINATION

TDRK 88154

JUN 1-1 1970

INTERFACE CONTROL DOCUMENT

SHEET 99 OF 114

ICD NO. LIS 370-10004

REV D