

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

SECTION XIV

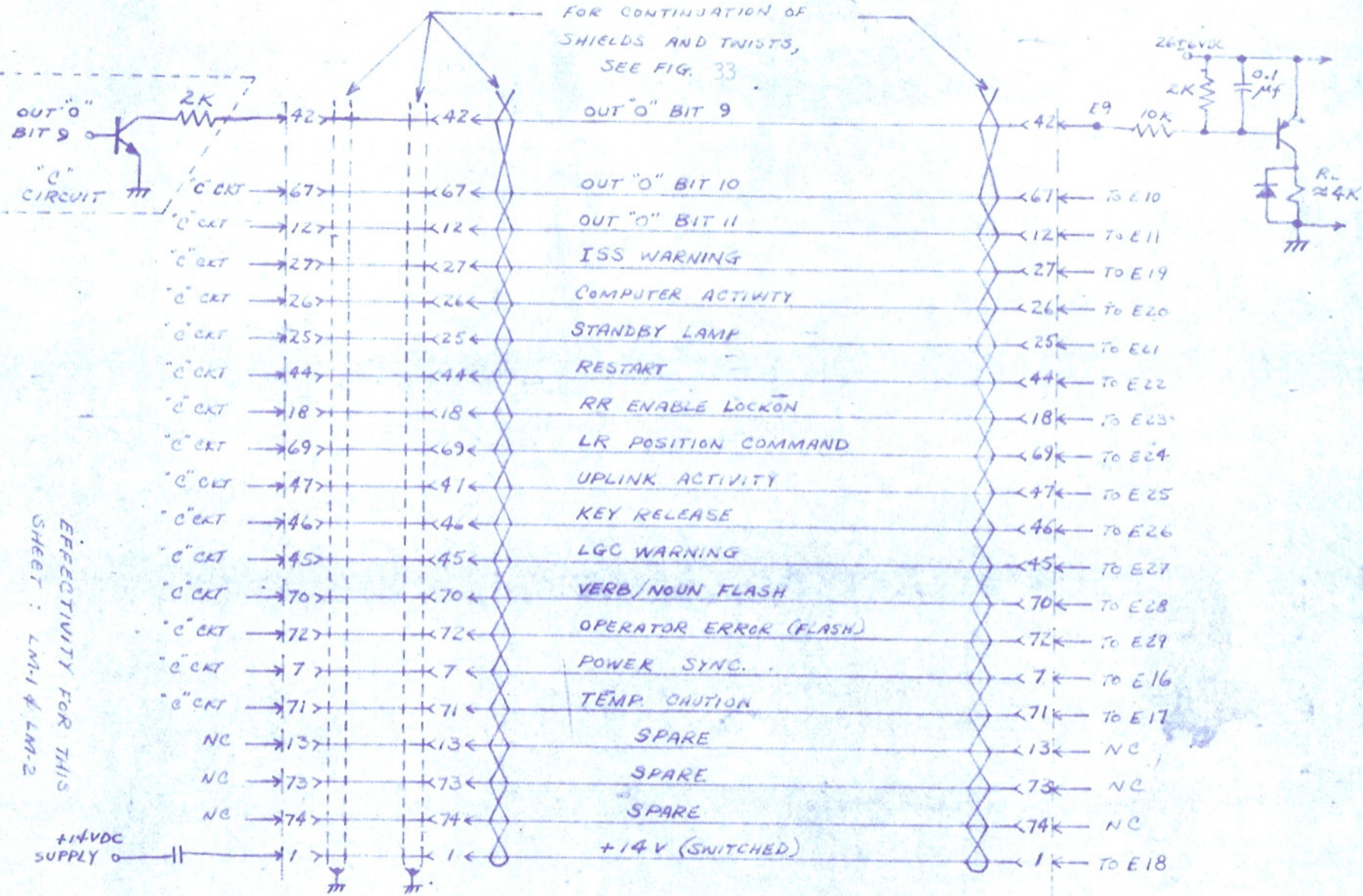
LGC/DSKY

Sig. Ref.	Figure	
P1	42	+28VDC
P2	42	DSKY Ground
P3	42	Out "0" Bit 1
P4	42	Out "0" Bit 2
P5	42	Out "0" Bit 3
P6	42	Out "0" Bit 4
P7	42	Out "0" Bit 5
P8	42	Out "0" Bit 6
P9	42	Out "0" Bit 7
P10	42	Out "0" Bit 8
P11	41 & 42	Out "0" Bit 9
P12	41 & 42	Out "0" Bit 10
P13	41 & 42	Out "0" Bit 11
P14	41 & 42	Out "0" Bit 12
P15	41 & 42	Out "0" Bit 13
P16	41 & 42	Out "0" Bit 14
P17	41 & 42	Out "0" Bit 15
P18	41 & 42	ISS Warning
P19	41 & 42	Computer Activity
P20	41 & 42	Standby Lamp
P21	41 & 42	Restart
P22	41 & 42	RR Enable Lock-on
P23	41 & 42	LR Position Command
P24	41 & 42	Uplink Activity
P25	41 & 42	Key Release
P26	41 & 42	LGC Warning
P27	41 & 42	Verb/Noun Flash
P28	41 & 42	Operator Error (Flash)
P29	41 & 42	Power Sync.
P30	41 & 42	Tomp. Caution
P31	41 & 42	+14V (Switched)
P32	43 & 44	+28VDC Keyboard
P33	43 & 44	Key Code 1
P34	43 & 44	Key Code 2
P35	43 & 44	Key Code 3
P36	43 & 44	Key Code 4
P37	43 & 44	Key Code 5
P38	43	Standby
P39	44	Proceed
P40	43 & 44	Keyboard Reset
P41	43 & 44	Caution Light Reset

Signals P3 - P41:

Signal levels, source and load impedances are specified with respect to LGC Return (interface connector P/J 222 Pin G).

FOR CONTINUATION OF SHIELDS AND TWISTS, SEE FIG. 33



EFFECTIVITY FOR THIS SHEET : LM-1 & LM-2

P221 J221 P229 J229A
 (56P5)

P229A J229
 (05AW9)

MIT ← GAEC
 (LGC)

Fig. 41
 DSKY

GAEC → MIT
 (DSKY)

INTERFACE CONTROL DOCUMENT

SHEET 101 OF 114 ICD NO. LHS 370-10004

REV D

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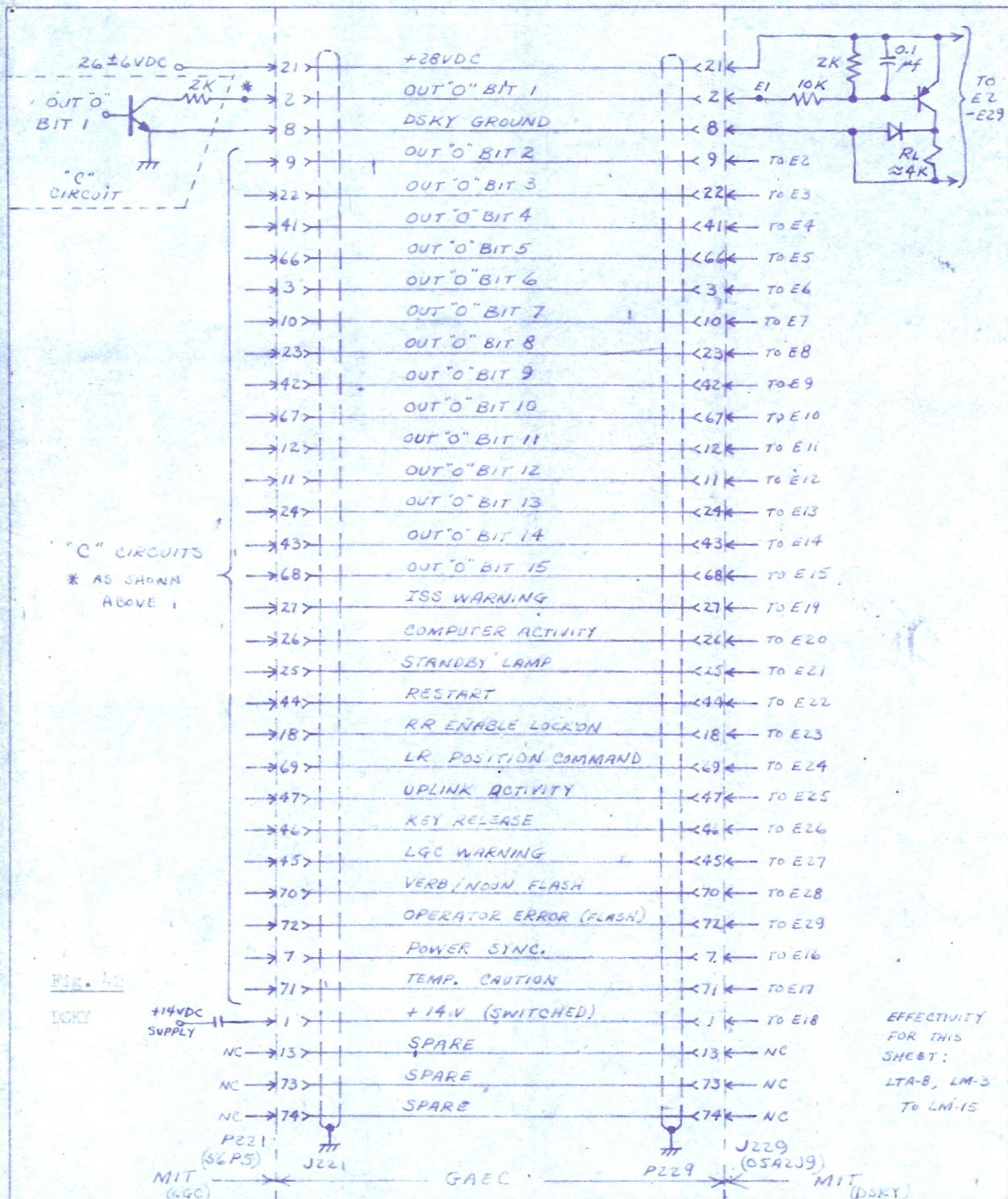


Fig. 42

EFFECTIVITY FOR THIS SHEET:
LTA-8, LM-3
TO LM-15

TDRR 38154 JUN 11 1970

INTERFACE CONTROL DOCUMENT

SHEET NO. 100 OF 110
ICD NO. 100-510-1-0001

REV D

SPECIFICITY FOR THIS SHEET: LMJ-AM-2

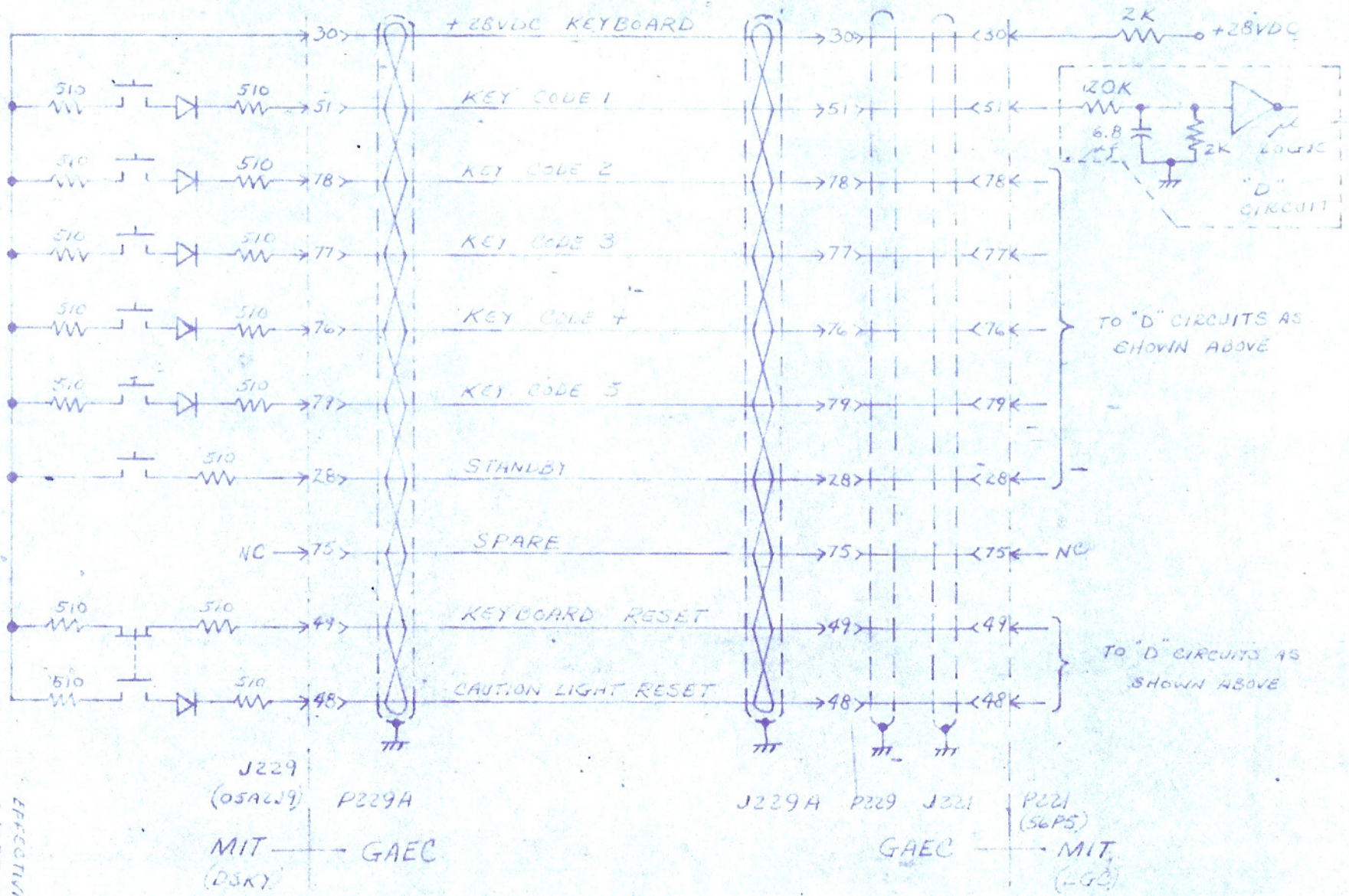
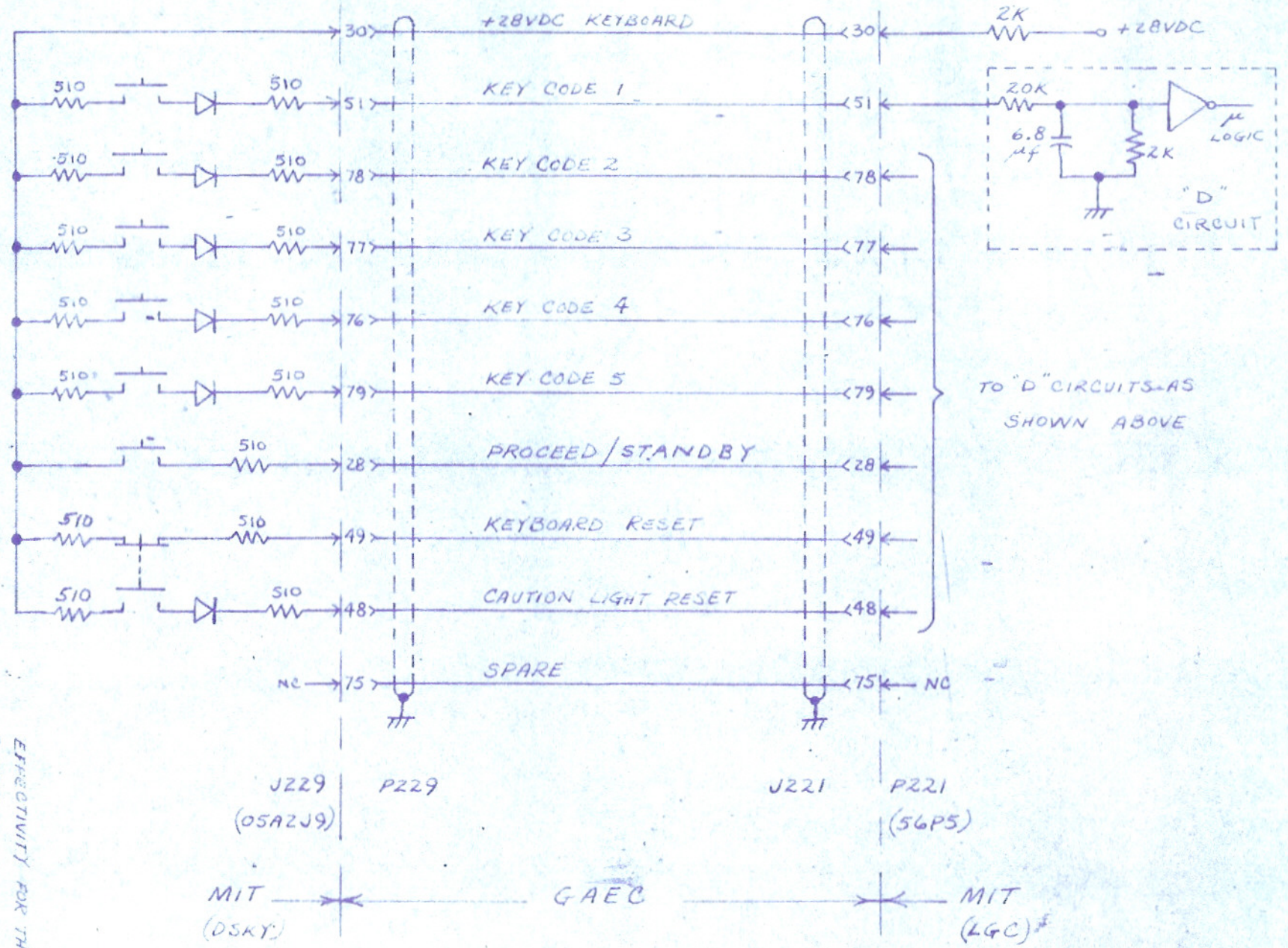


Fig. 43
DSKY



INTERFACE CONTROL DOCUMENT

SHEET 10 OF 11 ICD NO. L15 370-10004

REV D

EFFECTIVITY FOR THIS SHEET: LTR-8, LMS-2, B 548

J229 (05A2J9) P221 (56P5)
 MIT (DSKY) GAEC MIT (LGC)

FIG. 44
 DSKY

ENG 37.2 1-64

ID	SIGNAL	SIGNAL LEVEL DC VOLTS		Z SOURCE OHMS $\pm 10\%$		Z LOAD OHMS $\pm 10\%$		FUNCTIONAL DESCRIPTION	
		LOGIC	"1"	"0"	"1"	"0"	"1"		"0"
	P3 - P30		5±2	28±11	< 3K	>500K	10K	20K	These signals are included for information purposes only. The signal sources and loads are GFB, but GAEC provides the inter-connecting cables.
	P33 - P37, P40, P41		28±11	0±2	< 3K	OPEN	22K	22K	
	P38 - P39		28±11	0±2	< 2.5K	OPEN	22K	22K	
	P31 -		14±2	0±2	NA	NA	NA	NA	
	PL, P32		28±6	0±2	NA	NA	NA	NA	
* Source impedance includes IGC isolation resistance.									

INTERFACE CONTROL DOCUMENT

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ICD NO.
LIS 370-10004

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