

30 MHz RCP FROM CARRIAGE HOUSE VIA CABLE COMPENSATION AMPLIFIER IN RACK 7

30 MHz LCP FROM CARRIAGE HOUSE VIA CABLE COMPENSATION AMPLIFIER IN RACK 7

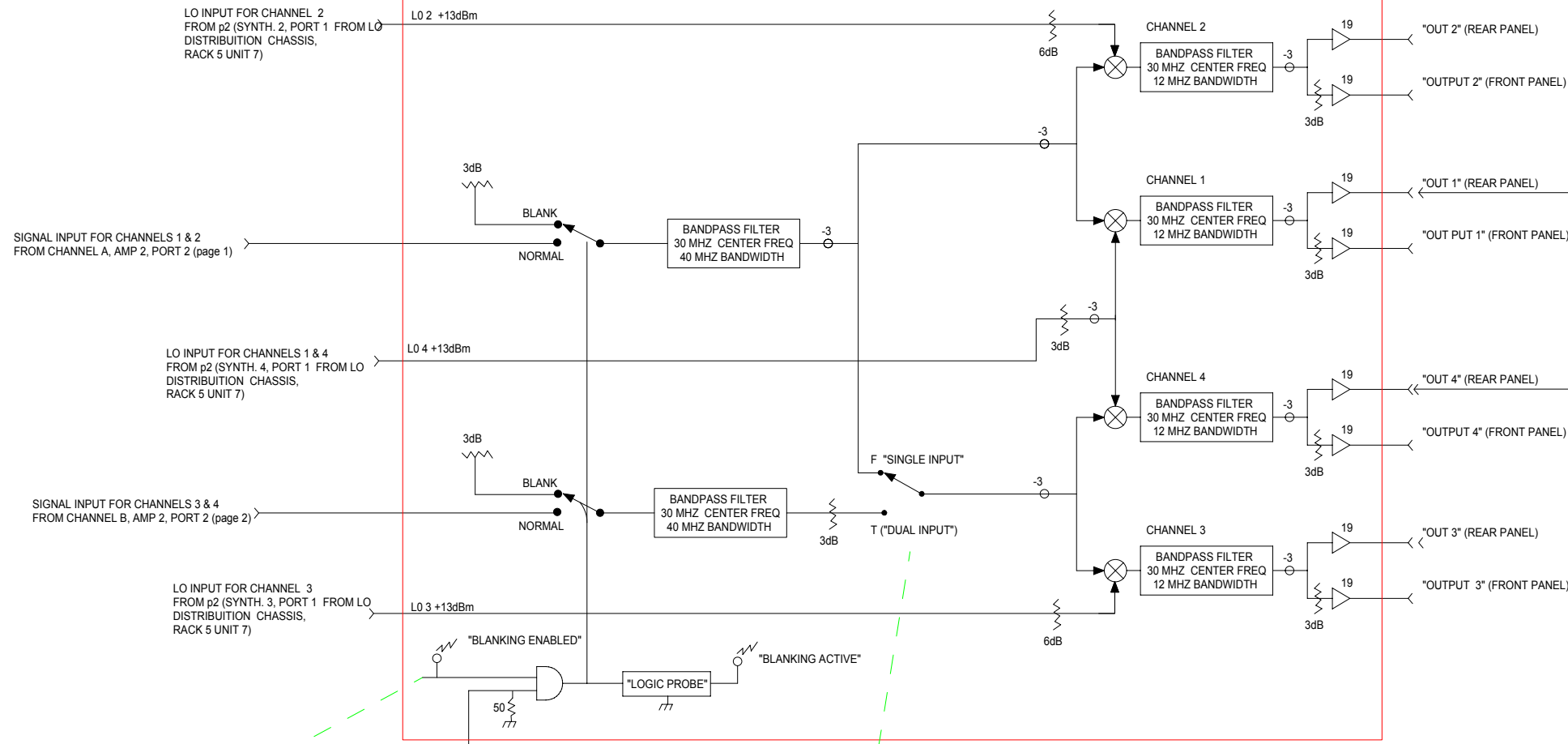
CARRIAGE HOUSE 30 TO 260 CONVERTER AND VISITOR ROOM SIGNAL SELECTOR (RACK 5)

TWO 30MHz SIGNALS TO VISITOR EQUIPMENT ROOM
LCP (OR POL B)
RCP (OR POL A)

TWO CARRIAGE HOUSE SIGNALS, CONVERTED TO 260 MHz

TO TRANSFER SWITCH p. 1

260 MHz TO 30 MHz DOWN CONVERTER RACK 5 UNIT 13



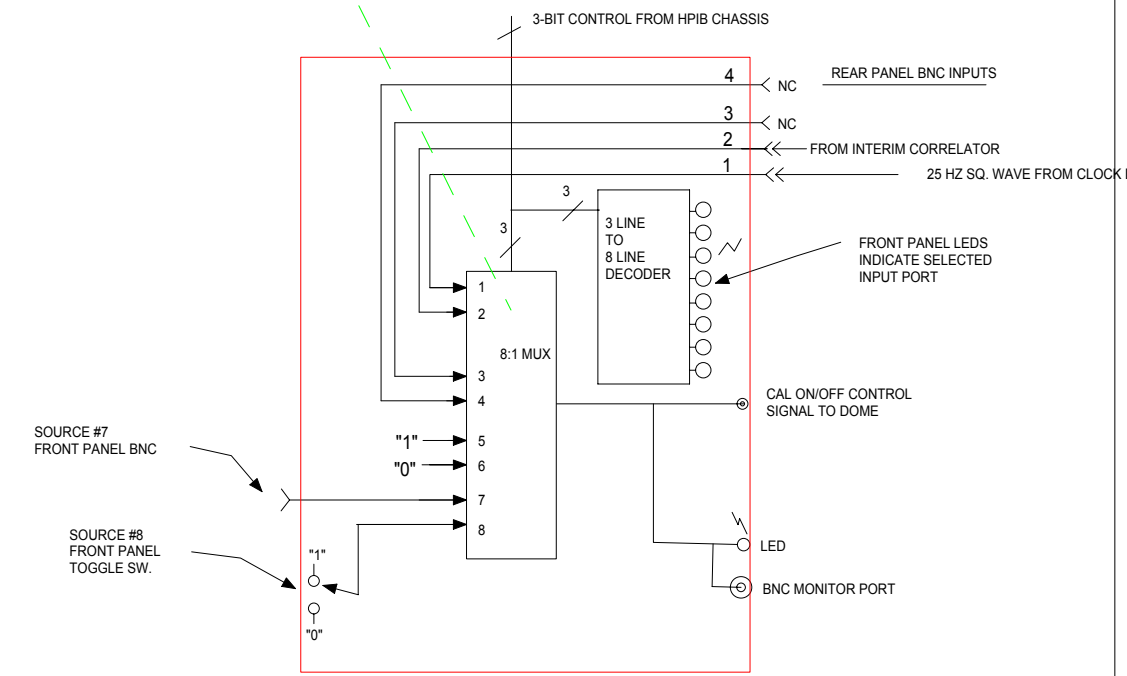
9 ENABLE BLANKING INPUT
EXAMPLE: if2 "if2_430blink T"
(USED FOR 430 MHz RADAR)

BLANKING INPUT
TTL HI = BLANKING ON
TTL LO = BLANKING OFF
NO CONNECTION = BLANKING OFF

10 SELECT 2 BANDS FROM POL. A & 2 BANDS FROM POL. B ("TRUE") OR 4 BANDS FROM POL. A ("FALSE")
EXAMPLE: if2 "if2_2a2b30 T"

11 SELECT 30 MHz SOURCE FOR VISITOR ROOM CARRIAGE HOUSE ch OR GREGORIAN grn (grw=grn)
EXAMPLE: if2 "if2_vis30mhz grn"

12 CAL COMMAND SELECTOR
EXAMPLE: if2 "if2_calsrc 8"



(SELECTS THE ON/OFF CONTROL SOURCE FOR A SINGLE CAL ON/OFF SIGNAL THAT GOES TO THE DOME. IN THE DOME, A DISTRIBUTOR ROUTES THE SIGNAL TO THE CAL DIODE(S) OF A SELECTED RECEIVER)

DOWNSTAIRS IF-LO SYSTEM FUNCTIONAL BLOCK DIAGRAM

PAGE 3 OF 3: 260 MHz TO 30 MHz CONVERTER, CARRIAGE HOUSE 260 TO 30 CONVERTER AND VISITOR ROOM SIGNAL SOURCE SELECTOR, CAL ENABLE SELECTOR