

WHERE DO ALL THE WIRES GO?

6/22/66

ELECTRICAL DEVICES AT EACH ANTENNA

1/4

1. LOCAL POWER: REGULATED

UNREGULATED

✓ 4 WIRE - 208V 3 ϕ 60N
3 WIRE - 115V 1 ϕ 60N

LIGHTS

INSTRUMENTS

BLOWERS & COOLERS

✓ CLOCK

POWER SUPPLIES

DRIVE MOTORS

(BRAKES)

H.A.

DEC.

ROTATION OF HORN

FOCUS ADJUSTMENTS.

2. CONTROL: READOUTS FOR

H.A.

DEC.

HORN ROT.

✓ LIMITS

✓ STOW LOCKS

✓ REMOTE } OPTION
LOCAL }

✓ DRIVES H.A.

(BRAKES) DEC.

HORN ROT.

✓ TELEPHONE OR

INTERCOMM

✓ EMERGENCY STOP SYSTEM

3. RECEIVER: FOCUS PACKAGE CALIBRATION SYSTEM: NOISE SOURCE

SWITCHES - ✓ DIODE
- ✓ CORE
- ✓ FERRITE

PRE AMP - MIXER - ✓ LOCAL OSC. ✓ LOCK LOOP
IF AMP

✓ IF LINE AMP AGC OR REMOTE GAIN CONTROL

POWER SUPPLY ($\pm 15V$)

ELECTRICAL DEVICES ALONG THE LINE

10. REFERENCE OSCILLATOR (320 MHz) MONITORING DEVICES

SUMP PUMP

SERVICE OUTLETS

LIGHTS

DELAY CABLE HOUSING

SWITCHES & READOUT

TEMP. SENSING.

6/22/66

2/4

LIST OF WIRES TO EACH ANTENNA

60W AC POWER 4 - #8 (40A/LEG) } IN 1 1/4 OR 1 1/2" CONDUIT.
 CLOCK } POWER (INDEP) 1 - 12-3 W/G
 SELYSYN }

READOUTS H.A. DECIMAR 54 - #22 CABLE
 DEC. " 54 - #22 CABLE
 HORN POSN 54 - #22 CABLE
 HA - BACK 3 - #18 } 6 - #18 CABLE
 DEC - BACK 3 - #18 }

LIMITS INDICATORS HAE 3 - #22
 HAW 3 - #22
 DEEN 3 - #22
 DELS 3 - #22
 STOP LOCK INDICATORS 2 - #22
 CONTROL 2 - #22
 REMOTE LOCAL OPTION 2 - #22
 COMMUNICATION 5 - #22
 SPARES 3 - #22 } 54 - #22 CABLE
 DRIVES HA. MAIN 3 - #22
 DEC. MAIN 3 - #22
 HORN ROT. 3 - #22
 EMERGENCY STOP 3 - #22
 HA. SLOW 3 - #22
 DEC SLOW 3 - #22

RELEVER CONFIGURATION 6 - #22

CONTROL

SWITCH DRIVER 1 RG 58A/U

" " 2 RG 58A/U

LQ. REF. 7/8" SPARLINE

18" STG. PDOWN RG 9A/U (RG 24A/U)

LOCK MONITOR 4 - #22

SPARE RG 58A/U

WIRE RUNS ON ANTENNASFOCUSRG 9A/U
RG 58A/USIGNAL
SWITCH DRIVE

7/8" SPIROLINE

L.O. REF.

12-#22

CONFIG. CONTROL.

54-#22

CLOCK " & MONITOR

3-#22

HORN POSN READOUT

3-#12 W/G

" ROTATION CONTROL

3-#22

AC POWER REG & UNREG. CIRCUIT.

2-#22

COMMUNICATION

DEC. AXIS & YOKES

54-#22

EMERGENCY STOP

3-#22

DEC READOUT

3-#22

DEC DRIVE MAIN

2-#22

" " SLOW

3-#12 W/G

EMERGENCY STOP

3-#18

AC POWER (SELSYN)

6-#22

DEC RACK SELSYN

2-#22

N & S LIMIT

STOP LOCK INDICATOR & CONTROL.

H/A. AXIS

54-#22

HA READOUT

APRON

4-#8

4 WIRE 3Ø 208V AC POWER

1-12-3 W/G

CLOCK & SELSYN POWER

5-#22

COMMUNICATION

RG 58A/U

SPARE

6-#22

E-W LIMIT

2-#22

STOP LOCK & INDICATOR

* 3-#22

HA DRIVE MAIN

3-#22

HA. DRIVE SLOW

3-#22

EMERGENCY STOP

2-#22

STOP LOCK INDICATOR & CONTROL

2-#22

REMOTE LOCK & OPTION

2-#22

SPARES

