

NATIONAL RADIO ASTRONOMY OBSERVATORY
Charlottesville, Virginia

(851125)

November 25, 1985

MEMORANDUM:

TO: VLBA Personnel Involved in Vertex
and Station Room Design

FROM: H. Dill

SUBJECT: VLBA Tasks for Vertex and Station Room Design

The following list was generated October 30 during a meeting attended by Balister, D'Addario, Dill, Napier, Norrod, Thompson and Weinreb. Any changes, comments or additions should be forwarded to H. Dill, CV.

<u>Task</u>	<u>Person Responsible</u>	<u>Contact At Other End</u>
Feed windows, heaters, vents	Napier	Dill
Feed mounting	Napier	Dill
Front-end mounting	Dill	Horne
Vacuum system (lines, pump, controls)	Weinreb	Latasa
150 VAC supplies	Weinreb	Latasa
Hoist access	Horne	Dill
Cables in VR (RF, FS mon. & pwr.)	Thompson	Napier
M/C bus wiring	D'Addario	I. S. *
Cryogenic lines	Latasa	Dill
Cryo compressor/monitor	Balister	Latasa
Test equipment for Pie Town	Thompson	Campbell
Special tools, liquid N ₂	I. S. *	Dill
Station bldg. benches, cabinets	I. S. *	Thompson
Antenna to stat. bldg. cables	Thompson/D'Addario	I. S. *

Station bldg. signal cables	D'Addario	I. S. *
Single dish receivers, 86 GHz	Balister/Kellerman	Napier
Single dish control room equip., standard rec., chart recorder	Balister/Kellerman	Napier
Antenna hot-cold loads	Weinreb	Napier
VR, ER, CR temp. control	D'Addario	Horne
Prime focus rx. mounting, cables	Thompson	Napier/Horne
Leak detectors	Weinreb	Latasa
AC power CR & ER - station	D'Addario	I. S. *
AC power - VR	D'Addario	I. S. *
VR shielded bulkhead panels	D'Addario	Horne
ACU interface in AR	D'Addario	Horne

NOTES:

AR - Azimuth equipment room
 VR - Vertex room (antenna)
 ER - Equipment room (station building)
 CR - Control room (station building)
 ACU - Antenna control unit

*I.S. - Installation Supervisor