

April 11, 1999

19:00 *Reception, Glendenning residence (see map)*

April 12, 1999: AOC Auditorium

8:00 *Light Continental Breakfast* 0:30

8:30 *Session 1 - Glendenning (Chair)*

Welcome (Goss) 0:05

Issues and Alternatives for Real-Time Systems (Wells) 0:45

Green Bank OVLBI Control Software (D'Addario) 0:30

Comparison of Three Space VLBI Tracking Station Real-Time Control Systems (Langston) 0:30

High Speed Internet (Hunt) 0:15

Coffee Break 0:15

10:50 *Session 2 - Hunt*

A Survey of Available Fieldbuses (Brooks) 0:30

VLBA Correlator Control System (Blachman) 0:45

12:05 *Box Lunch*

Tour of VLBA Operations and Correlator

13:00 *Session 3 - Ford*

Correlator Backend Data Flow (Rowen) 0:30

A Generic Correlator API (B. Clark) 0:15

VLBA Antenna System (Heald) 0:30

The "Master Monitor" for the GBT Active Surface (Shelton) 0:30

Coffee Break 0:15

15:00 *Session 4 - Wells*

Real-Time Linux (Yodaiken) 0:30

Experiences with RT-Linux and its use in Telescope Control (Folkers) 0:30

RTOS Survey (Ford) 0:30

QNX and telescope control: the JACARA GMount system (Brooks) 0:30

Hardware and Software Interactions at Sacramento Peak (Stauffer) 0:30

17:30 *End of Day One*

Free Evening

April 13, 1999: AOC Auditorium

8:00 *Light Continental Breakfast* 0:30

8:30 *Session 5 - Blachman*

Compact PCI (Somes) 0:45

Compact PCI Products (Vanosdol) 0:15

The importance of data tagging for debugging real-time backend systems (Granados) 0:15

Industry Pack Modules in Real Time Systems (Waddel) 0:15

AIPS++ in a Near-Real-Time Environment (Cornwell) 0:30

Coffee Break & AIPS++ Demo 0:30

11:00 *Session 6 - Glendenning*

Design Decisions for the GBT M&C System (M. Clark) 1:00

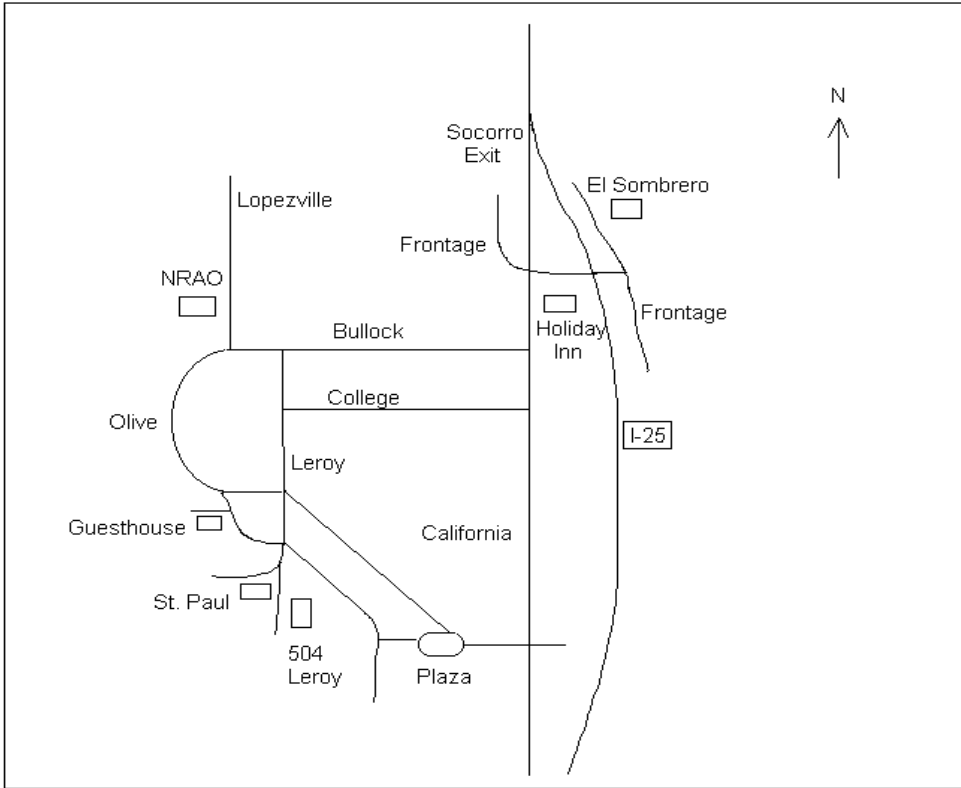
12:00 *Box Lunch*

Tour of VLBA Operations and Correlator

13:00	<i>Session 7 - Sowinski</i>	
	The NRAO 12Meter Control System; A Brief Overview (Folkers)	0:30
	C++ and Real-Time Programming (Glendenning)	0:15
	Common C++ Development for the Desktop and Embedded Application (Pisano)	0:30
	Engineering Programming in a Microsoft Environment (Effland)	0:30
	<i>Coffee Break</i>	0:15
15:00	<i>Session 8 - Folkers</i>	
	Philosophical Remarks on Radio Telescope Control Systems (D'Addario)	0:30
	The Network is the Control System (Brandt)	0:30
	Java-based Real-Time Monitor Displays (Scott)	0:30
	Multi-threaded Windows NT Programming (Creager)	0:15
	The New Standard Interface Board Library for GBT M&C (Hoyle)	0:15
	The New GBI Control System (Ford)	0:30
17:30	<i>End of Day Two</i>	
19:00	<i>Meeting Dinner, El Sombrero (see map)</i>	

April 14, 1999: VLA Site (old cafeteria)

7:30	Visitors with transportation can leave directly from the hotel. Vans will leave from the AOC for locals and others who need transport.	
8:30	<i>Breakfast at the VLA (Breakfast burritos, Coffee, Juice)</i>	
9:00	<i>Session 9 - M. Clark</i>	
	An Introduction to EPICS (Dalesio)	0:45
	The Old VLA (Sowinski)	0:45
10:30	VLA Tour (Control room, antennas)	
12:30	<i>Lunch: Eagle Guest Ranch, Datil</i>	
14:15	<i>Session 10 - D'Addario</i>	
	The New VLA (Sowinski)	0:15
	The OVRO Control System (Scott)	0:30
	Some End-to-End Data Flows for the VLA & VLA Upgrade (Sahr)	0:30
15:30	<i>End of Meeting</i>	



Glendenning residence: 504 Leroy Pl. (wheels for a fence). Lost? 835-1211