

NATIONAL RADIO ASTRONOMY OBSERVATORY

Charlottesville, Virginia

August 27, 1984

TO: VLBA MEMBERS

FROM: BUCK PEERY

SUBJECT: CONF./SITE MEETING 840822

PRESENT: BENSON, BRUNDAGE, CRANE, HOGG, INGALLS, KELLERMANN,
NAPIER, SALAH, SPARGO, TEMPLE, THOMPSON, WALKER, PEERY

CHECKS AND CALIBRATION TESTS OF THE WATER VAPOR MEASURING EQUIPMENT INDICATE RELIABLE DATA CAN BE OBTAINED. PLANS ARE PROCEEDING FOR WATER VAPOR MEASUREMENTS IN HAWAII THIS FALL. ALTERNATE SITES ON MAUNA KEA WILL BE DISCUSSED WITH THE UNIVERSITY OF HAWAII AT THAT TIME.

A SUMMARY OF THE REPORT ON RFI TESTS AND STUDIES AT HAYSTACK INDICATE IT IS NOT AN ACCEPTABLE SITE FOR A VLBA ANTENNA. THE FULL REPORT WILL BE DISTRIBUTED SOON. THE SEARCH FOR AN ALTERNATE SITE CONTINUES. A REVIEW OF THE CAMROC ANTENNA SITE STUDY DID NOT INDICATE ANY SITES THAT WOULD BE ACCEPTABLE. THOSE THAT MIGHT BE CONSIDERED ARE MORE THAN AN HOURS DRIVE FROM HAYSTACK.

CONCERN OVER THE WIND ON MOUNT LOCKE WAS DISCUSSED. IT WAS AGREED THAT A SITE IN THE VALLEY, NEAR THE HARVARD INSTALLATION, SHOULD BE CONSIDERED AS OUR FIRST CHOICE FOR THE FORT DAVIS SITE.

WIND IS ALSO A CONCERN AT THE KITT PEAK SITE. A SEARCH FOR AN ALTERNATE SITE IN THE VALLEY WILL BE MADE.

ST. CROIX DOES NOT OFFER ANY MAJOR ADVANTAGES AS AN ALTERNATE SITE FOR THE PUERTO RICO SITE.

RFI TESTS ARE UNDERWAY AT THE LOS ALAMOS SITE.

THE RFI TESTS MADE AT PIE TOWN INDICATE IT IS A GOOD SITE.