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July 2, 1957

Mr. Frank J. Callender
National Science Foundation
1520 H Street, N. W.
Washington 25, D. C.

Dear Frank:

At our meeting on June 28 we briefly discussed the possibility of inviting foreign delegates from the August meeting of IAGI to visit the radio astronomy observatory site at Green Bank, West Va. In most instances these foreign delegates are short U.S. dollars, and it would be desirable, to the point of being almost necessary, that we pay their travel and provide an honorarium. This raised two questions, first, the mechanism whereby we would arrange to make these payments (e.g. we could sign them up as consultants) and, second, the possibility that the NSF and other Federal agencies were already paying these delegates for their travel and other expenses while in the United States.

The attached list of 18 names includes all that we believe might be an interest in Green Bank. It includes both professional radio astronomers and names of people who should be invited for perhaps prestige reasons. After each name we have given a brief comment.

It would be helpful if you could advise me, perhaps when you are in New York on Monday, July 8, whether other Federal funds are being supplied to any of the scientists listed.

Sincerely yours,

RME

Richard M. Emberson
Assistant to the President

Encl.

cc: L.R. Burchill ✓
C.F. Dunbar
Marguerite Risley

URSI Delegates Possibly Interested in a Visit to
Green Bank, and Whose Visit There Would Help Us.

1. W. N. Christiansen - Australia - He has done some work at 21 cm. An invitation to him would be more a recognition of his position as an Australian delegate and hence of a prestige nature rather than our immediate desire to confer with him.
2. J. L. Pawsey - Australia - Dr. Pawsey will remain in the U.S. for approximately six months. It is our opinion that it would be more profitable to have him join us at a later date, perhaps at the Symposium on October 16 or the ceremonies on October 17.
3. A.E. Covington - Canada - Dr. Covington has less of a transportation problem from Canada than the overseas delegates, and it would probably be of more mutual benefit if his visit were differed until later in the year.
4. J.F. Denisse - France - He has done considerable work at centimeter wavelengths and we believe his visit would be of considerable benefit to us at this time. We understand that Dr. Denisse has accepted an offer to stay at the NBS in Boulder for approximately a month after the URSI meetings and that he has a lecture appointment at Cornell in mid-October. This suggests that he might be invited to the October 16-17 affairs instead of an earlier September visit.
5. M. Laffineur - France - Dr. Laffineur is well known in radio astronomy and is also President of Commission V of URSI. Hence, an invitation to him would combine both technical assistance to us and have prestige value.
6. J.L. Steinberg - France - He has done some work in radio astronomy - we have no specific knowledge. We understand that he has arrangements for a number of one or two day visits around the country, winding up in Ottawa. The total duration of his stay in the U.S. is not known.
7. Takeo Hatanaku - Japan - He has done some work in radio astronomy - we have no specific knowledge.
8. F. A. Muller - Netherlands - Mr. Muller has been responsible for the 21-cm receiver and other electronic instrumentation implemented by Dr. Oort and his colleagues. We understand there is a possibility that Mr. Muller will stay in the country for a short time after the URSI meetings. A meeting with him would be of great benefit to us whether it was held at Green Bank, New York, or elsewhere.
9. C. L. Seeger - Netherlands - Mr. Seeger started working on radio astronomy at Cornell University and for a number of years has been working with the Dutch radio astronomy group. He has been particularly concerned with absolute photometry, which is a highly

essential branch of activity which does not have much glamour. Prof. Otto Struve has pointed out that the Observatory at Green Bank must give careful attention to photometry, and a visit with Seeger would have value to determine whether or not he would be interested in joining us at a later date.

10. M. Schmidt - Netherlands - Dr. Schmitt has been working in this country for about a year and has already talked with AUI personnel. He might be invited to Green Bank at a later date.
11. A. Hewish - England - Dr. Hewish has worked primarily with interferometer and similar types of antennas, and his visit at Green Bank will be very useful to us.
12. A.C.B. Lovell - England (Jodrell Bank) Dr. Lovell plays a unique part in the development of radio astronomy and an invitation to him would be for prestige reasons in addition to the technical value he would give us. We understand that the dedication ceremonies for the 250-foot reflector has been set for some time in September which might require his return to England promptly after the URSI meetings.
13. D. F. Martyn - Australia - Dr. Martyn has been a leader of Australian upper atmosphere work. This is of course related to radio astronomy in the same way that meteorology is related to optical astronomy. A visit by him to Green Bank probably would not be of immediate value.
14. J.C.W. Scott - Canada - Dr. Scott is head of the Canadian Defense Research Laboratory and not a radio astronomer. Hence, an invitation to him would be for purely prestige reasons.
15. Pere Lejay - France - Father Lejay is President of URSI. An invitation to him would also be for prestige reasons.
16. R. Hanbury-Brown - England - He has made outstanding contributions to radio astronomy and his visit would be of great value to us. We understand that the dedication ceremonies for the 250-foot reflector has been set for some time in September, which might require his return to England promptly after the URSI meetings.
17. J. A. Ratcliffe - England - Dr. Ratcliffe heads the Cambridge group of radio astronomers and a visit by him would be of value to us.
18. Olof Rydbeck - Sweden - Dr. Rydbeck is Director of the Technical Institute at Goteberg, Sweden which has a small radio astronomy section. An invitation to him would be more for prestige reasons.