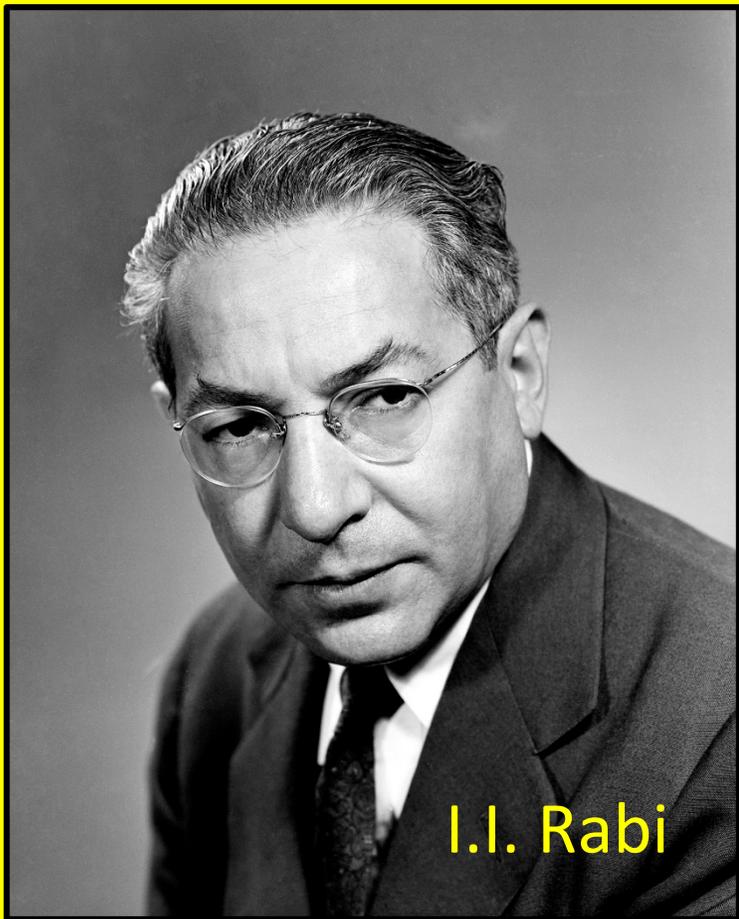




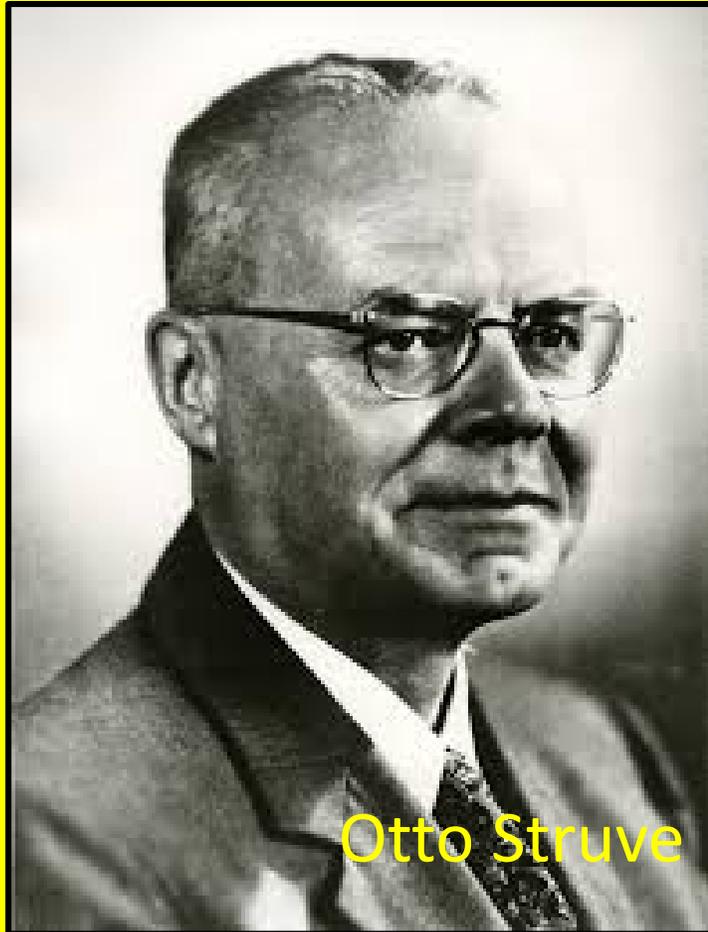
Historical Research and the Freedom of Information Act



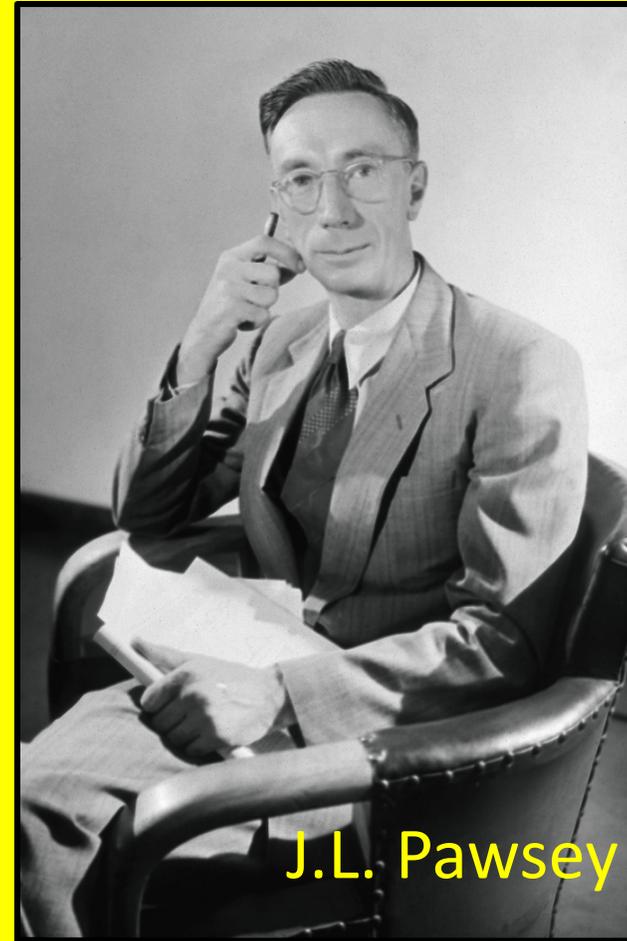
Ken Kellermann
National Radio Astronomy Observatory
Historical Astronomy Division
AAS 235, January 2020



I.I. Rabi



Otto Struve



J.L. Pawsey

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MANUSCRIPT DIVISION

CLASSIFIED ITEMS REMOVED

The following item(s) have been removed from the collection because they contain security classified information:

Series: *Cal. Univ. Office File*

Folder Title: *Greenbank National Radio*

Item(s) and Security Classification: *(Antennomy Observatory)*

Oct. 5 1961

J. L. Pawsey to Rabi

Confidential (Australia)

JL/AW/CR B.B.

Reviewer

1992?

Date

FOIA Appeal Process

- April, 2012: Filed FOIA Request at LoC (1)
- April, 2013: Inquired about FOIA status
 - Informed that FOIA request sent to State Dept.
 - Received on May 4, 2012
- November, 2013: Appealed to VA Senator Warner.
 - Complete questionnaire (2).
 - Warner contacted Congressional Research Service.
- January, 2015, Senator Warner relays advice to contact the Office of Government Information Services (OGIS) - FOIA Ombudsman.
- I complete OGIS questionnaire (3)
 - referred to State Dept. web site
- Feb. 18, 2014: 11:02 am, I complete State Department questionnaire (4)
- Feb. 18, 2014: 12:07 pm. State Department - completed review.
- March 13, 2014: LoC, document has been declassified, cleared for release.

DECLASSIFIED

4

Future Greenbank Policy. My view is that the objective in the immediate future should be the improvement of scientific talent in the organization both by attempting to develop the individuals now present and by recruiting promising men at both high and low levels. There is such a shortage of first class radio astronomers in the U.S. now that it is quite unrealistic to expect to build up a strong team quickly by buying outside talent. When conditions are improved Greenbank is the natural place to consider for a major instrumental development which I envisage as a really effective instrument for high resolution radio pictures of the sky.

During my initial preparatory phase it is of course necessary that the work be oriented in the general direction of the expected ultimate objective. Current Greenbank astronomical interests already lead in this direction. I should also like to encourage small scale experiments leading to high resolution techniques both at Greenbank and elsewhere, with the understanding that the future large scale development should pick the best from all these experiments. (I found Wade and Menon discussing one such technique; Von Hoerner and Drake described others at a meeting at Berkely. So interest is aroused). In general, however, I think the program can take the natural line of following the interests of individuals.

On the recruiting side I recommend W.C. Erickson (now at Convair, San Diego) as a quite outstanding man. He may however be joining Gort at Leiden to take charge of the Benelux Cross. At the junior level Sandor Weinreb is an obvious recommendation.

I hope these notes will be of use.

Yours sincerely,

J.L. Pawsey
 J.L. Pawsey.

October 1961

PHOTOCOPY FROM THE MSS

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J. L. Pawsey



State Dep file 2-21/11
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Office of the High Commissioner for Australia
AUSTRALIAN SCIENTIFIC LIAISON OFFICE
A unit of the British Commonwealth Scientific Office (London)

HOLborn 3422
Telegraphic Address:
"CROTONAITE, STRAND, LONDON."
TELEX 21143

Africa House,
Kingsway,
LONDON, W.C.2

Your Ref.
Our Ref.

~~CONFIDENTIAL~~

Oct. 5, 1961

Dear Professor Rebi,
I am writing to give you the account you requested of my impressions of Greenbank. These are based largely on my recent 5-day visit but are supplemented by other information. I should add that I have known all the senior members of the staff for a number of years; two of them (John Findley and Campbell Wade) intimately. All of them, particularly Otto Struve, went out of their way to help me during my visit.

Present situation at Greenbank. I found the situation disappointing. The organization has exceptionally good laboratory and other facilities; I think the staff includes a fair proportion of men who in good circumstances ought to be able to do good work though I do not yet rate any as really first rate. But they are working as individuals on problems which do not seem to be leading Greenbank on to major developments. The basic difficulty is that the director's experience has not been in the field in which the staff is weak, - the technical radio and experimental physics side, - and he is therefore not in a position to give the critical advice and leadership desirable in such aspects. Radio astronomy is currently at a stage of explosive development on the technical side and it is imperative that the director should have sound perspectives in this field. Further, several members of the staff tend to be not sufficiently careful in drawing conclusions from observations of limited accuracy so that the director needs to be able to exercise more than usual care in checking their work.

I excerpt from my criticism two research items currently in progress:
(1) An observational study of several emission nebulae by Kochu Kochu and theoretical interpretation by him and ... Kahn (from Manchester). (These nebulae are regions in which the interstellar gas is heated up and ionized by the radiation from very recently born hot



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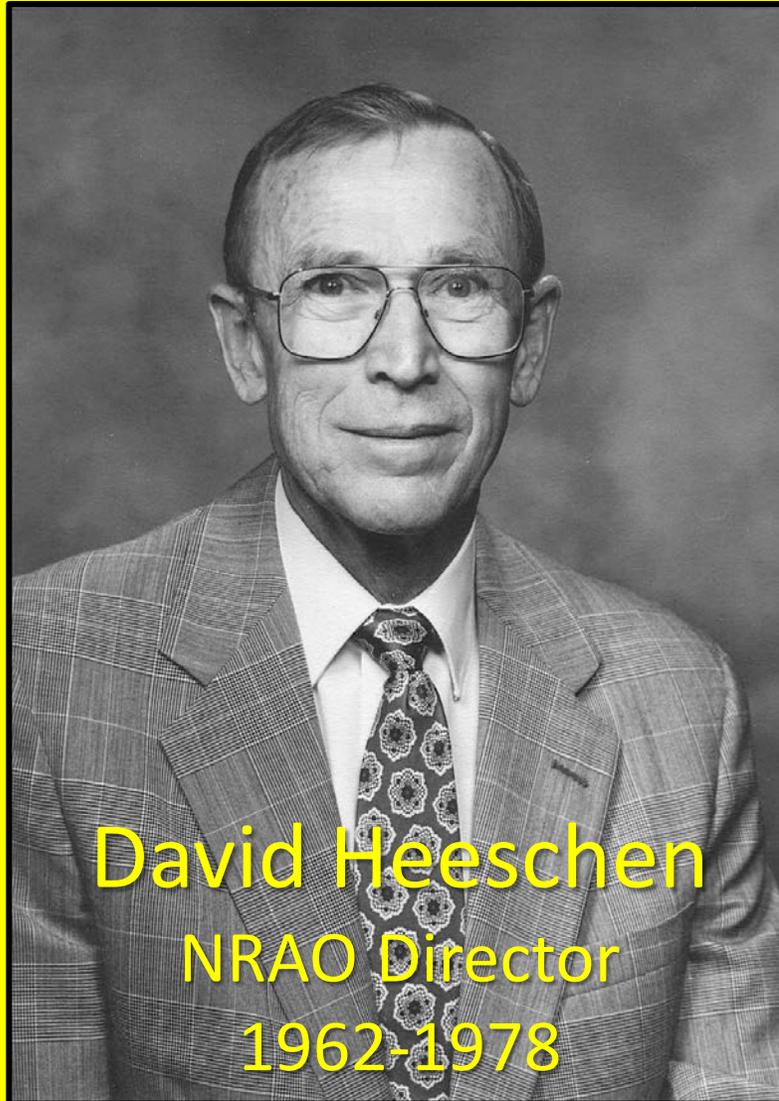
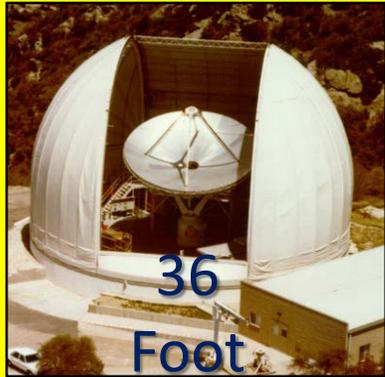
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Historical & Cultural Astronomy
Series Editor: Wayne Orchiston

Kenneth I. Kellermann
Ellen N. Bouton
Sierra S. Brandt

Open Skies

The National Radio Astronomy Observatory
and Its Impact on US Radio Astronomy

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