Slide images from the **Walter Munk Papers**. **SMC 17**. **Special Collections & Archives**, **UC San Diego**.

Slide groupings were determined by the original order of Walter Munk's slide collection, and a corresponding inventory. Titles and descriptions were transcribed from Munk's labels and the inventory, with some editing for consistency and clarity.

SAS (likely "Waves Across the Pacific" experiment documentation, based in American Samoa), 1963

- 1. Unidentified man
- 2. Man standing in snow
- 3. Walter Munk and others at beach hut
- 4. FLIP (Floating Instrument Platform)
- 5. FLIP (Floating Instrument Platform)
- 6. FLIP (Floating Instrument Platform)
- 7. Coastline
- 8. Foliage
- 9. Compound with vehicle
- 10. Mountain and compound
- 11. Aerial photo of buildings
- 12. Waves crashing against shore
- 13. Samoa beach
- 14. Samoa hut by beach
- 15. Diver in water with spherical equipment
- 16. Ship
- 17. Equipment
- 18. Deploying equipment
- 19. View from beach
- 20. Equipment
- 21. Rocky beach with foliage
- 22. Coastline
- 23. Two men standing on plank outside
- 24. Three men relaxing with food and drink
- 25. Equipment diagram
- 26. Seismic background spectra on land and sea Graph, 1963 February 8
- 27. Vectors Diagram
- 28. Background data Graph
- 29. Graph
- 30. Graph
- 31. Graph
- 32. Power spectra, normalized co-spectra, and normalized quadrature spectra Graph

- 33. Graph
- 34. Graph
- 35. Graph
- 36. Graph
- 37. Scattering interactions, Boltmann integral, and results Equations and graphs
- 38. Equation of radiative transfer Equations and graphs
- 39. Graph
- 40. Graph
- 41. Course of FLIP Chart
- 42. Palliser Islands chain Chart
- 43. Tutuila Map
- 44. Graph

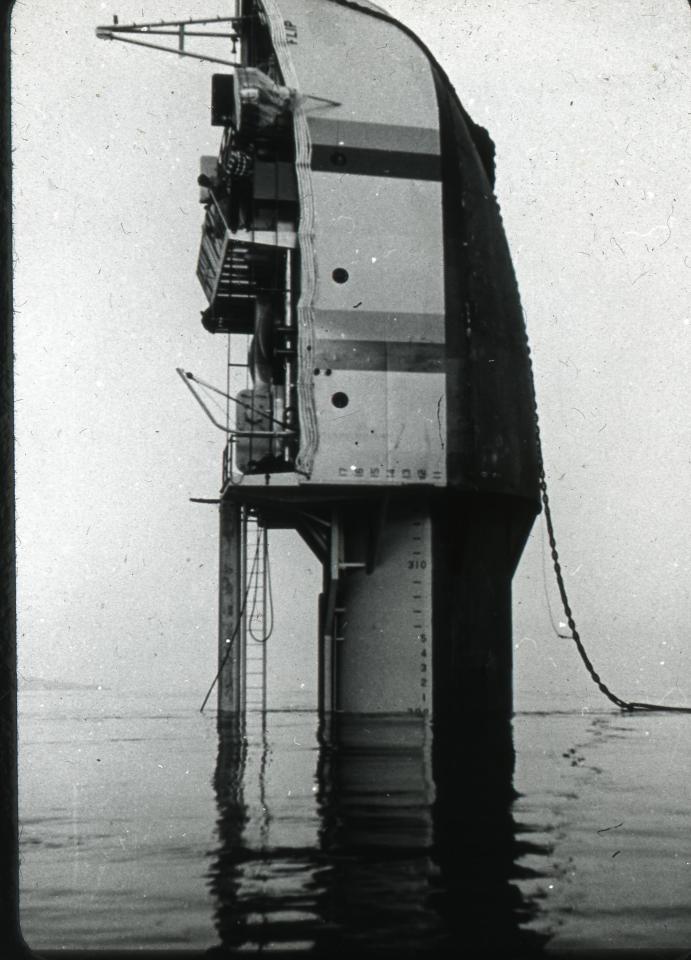
Copyright: Dr. Munk transferred rights to his works represented in his collection to the UC Regents. Slides documenting work by others may have an unknown copyright status.

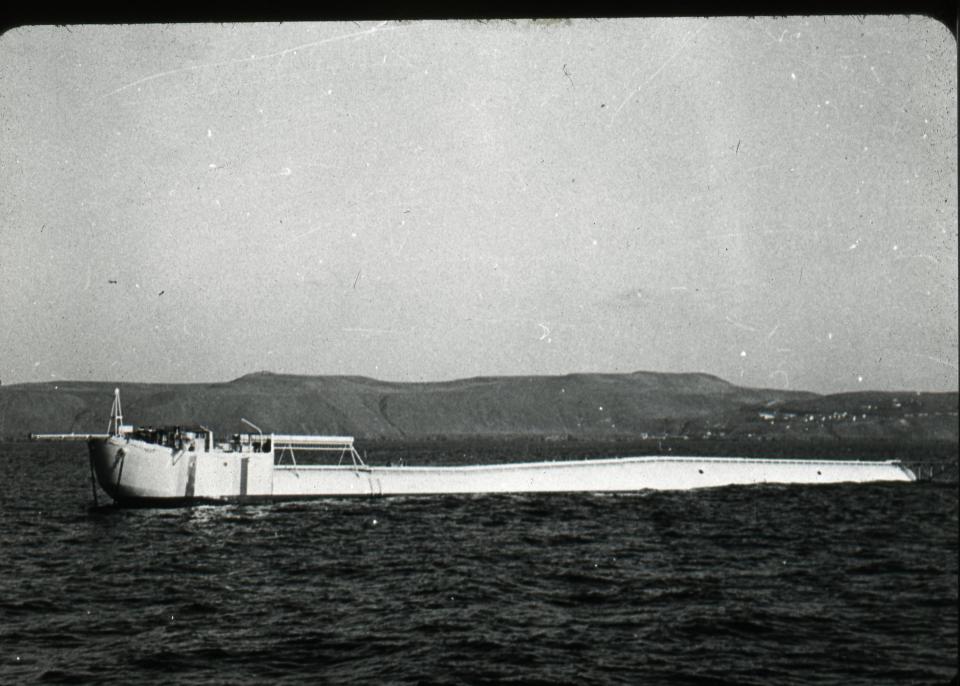
Use: This work is available from the UC San Diego Library. This digital copy of the work is intended to support research, teaching, and private study. Constraints: This work is protected by the U.S. Copyright Law (Title 17, U.S.C.). Use of this work beyond that allowed by "fair use" requires written permission of the UC Regents. Permission may be obtained from the UC San Diego Library program having custody of the work (https://library.ucsd.edu/research-and-collections/special-collections-and-archives/index.html). Responsibility for obtaining permissions and any use and distribution of this work rests exclusively with the user and not the UC San Diego Library.

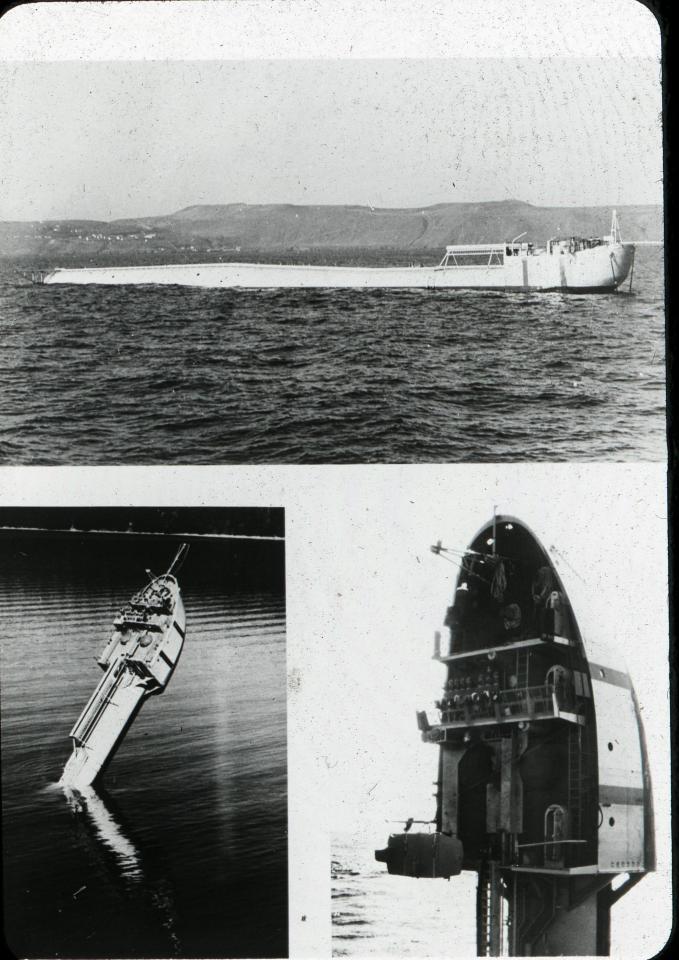
















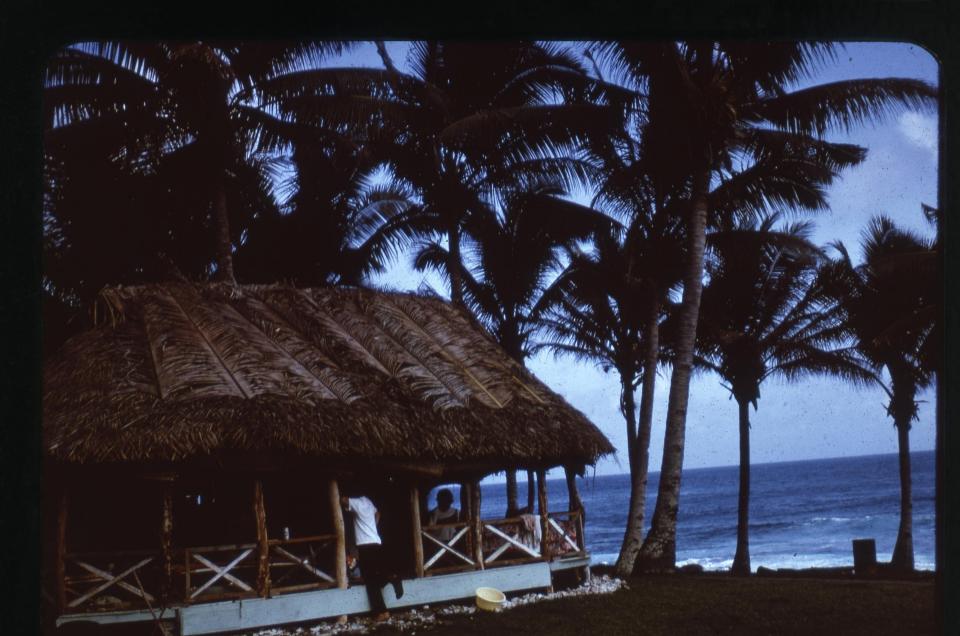








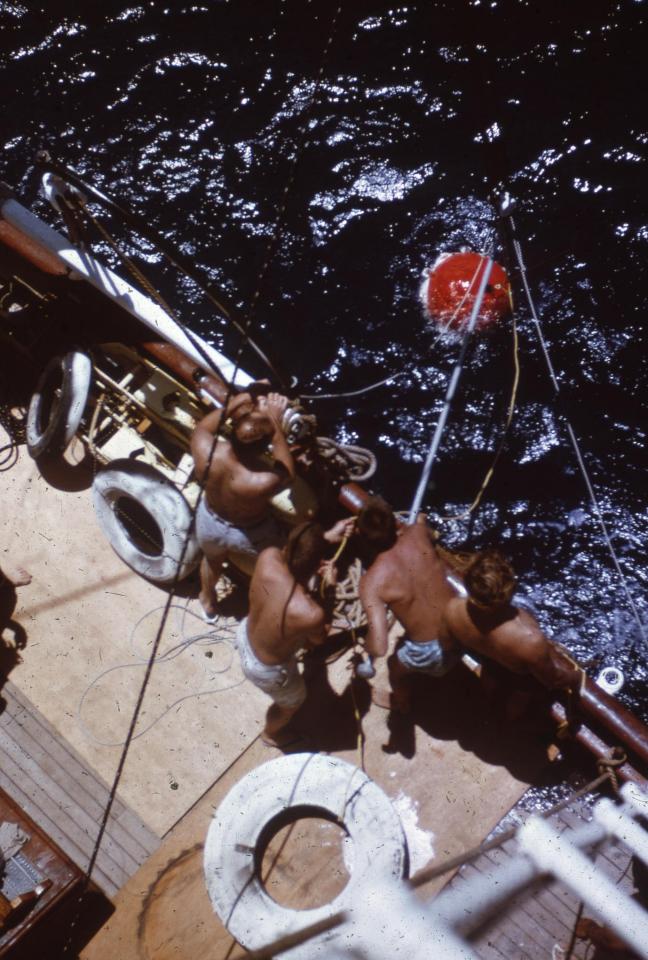




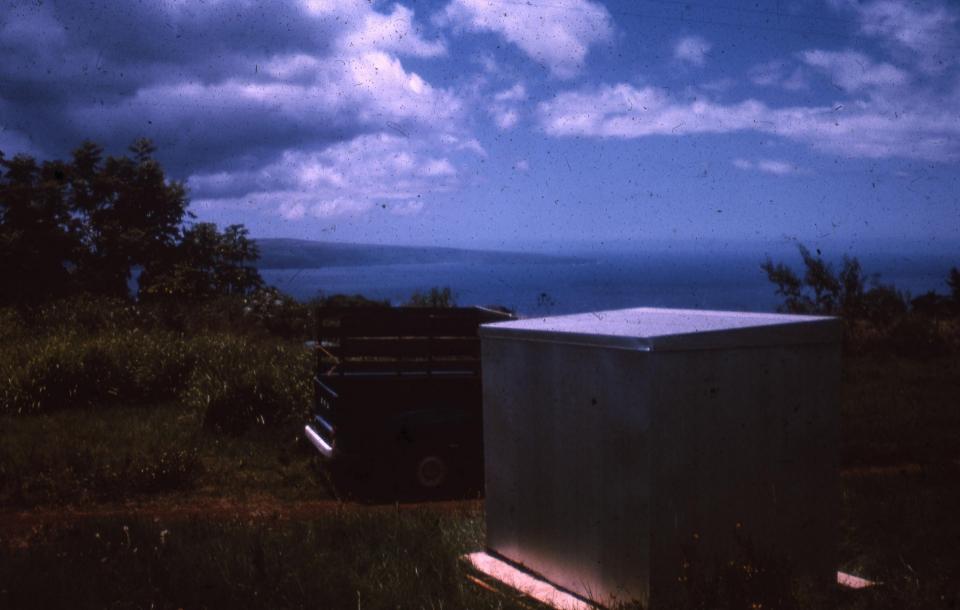










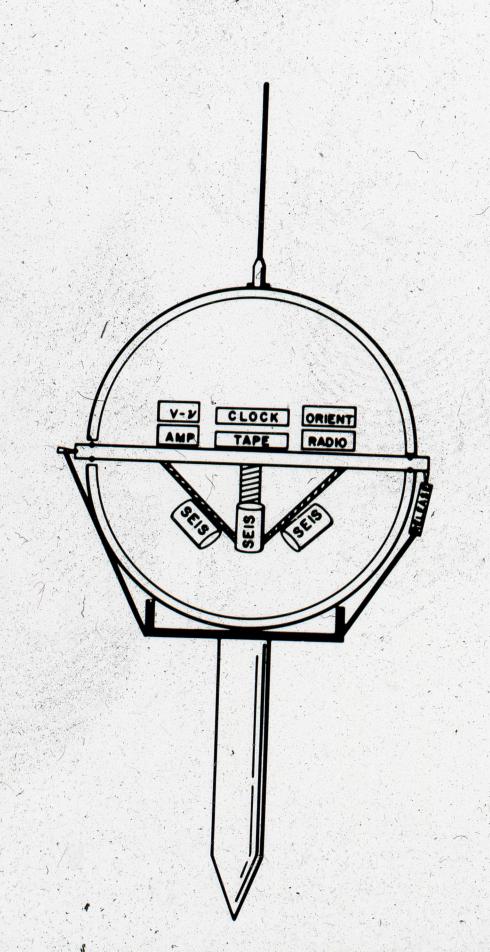


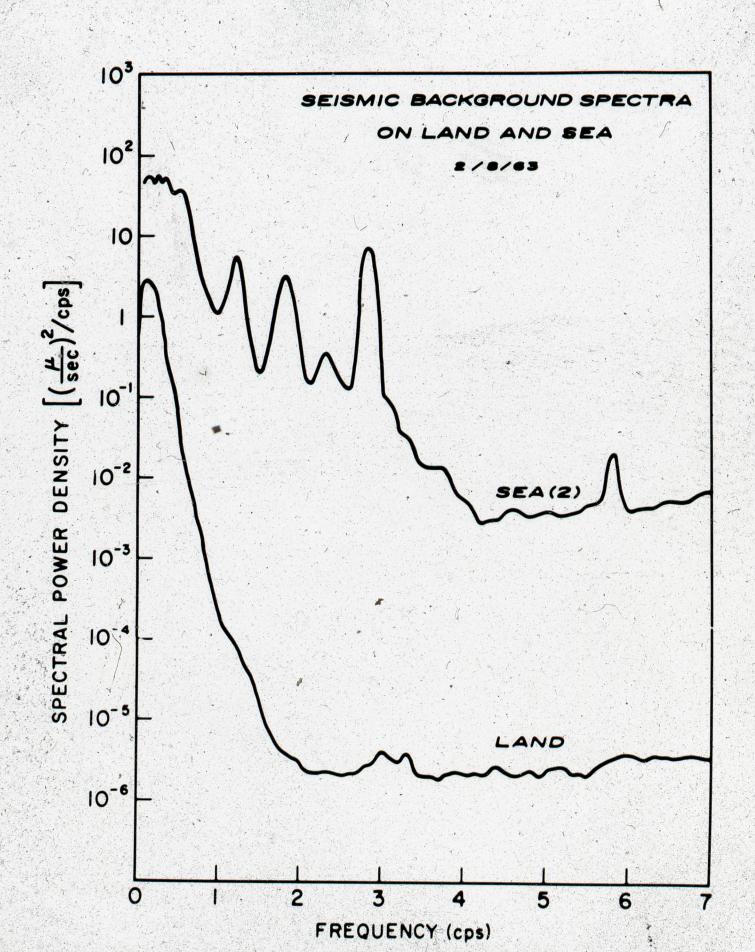


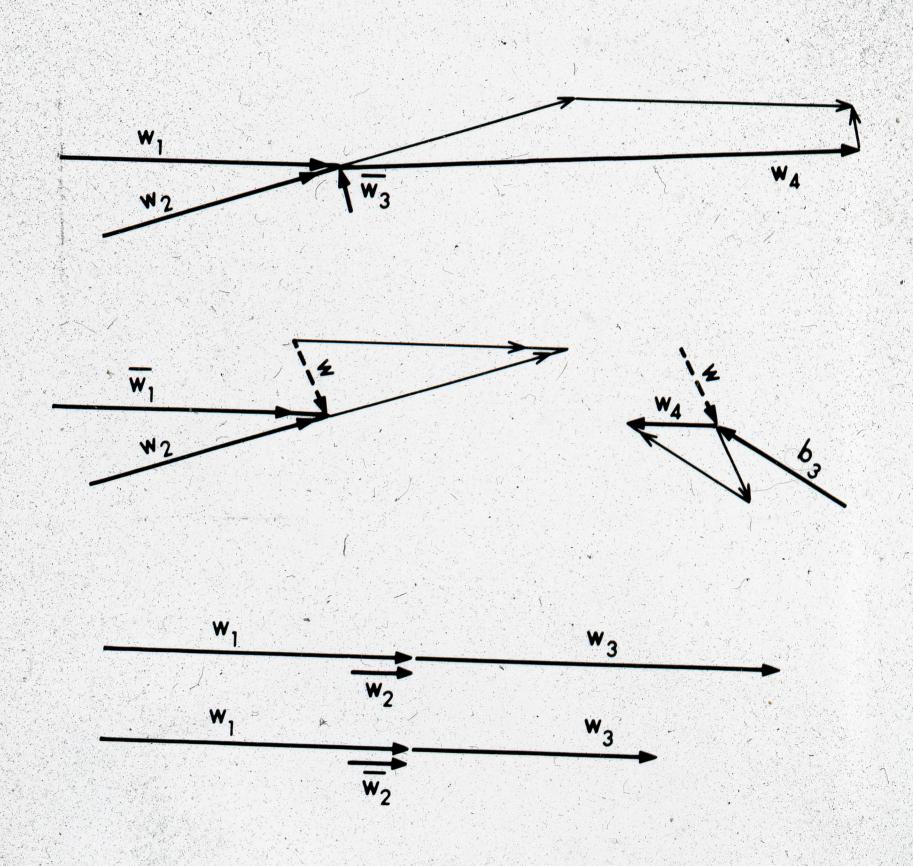


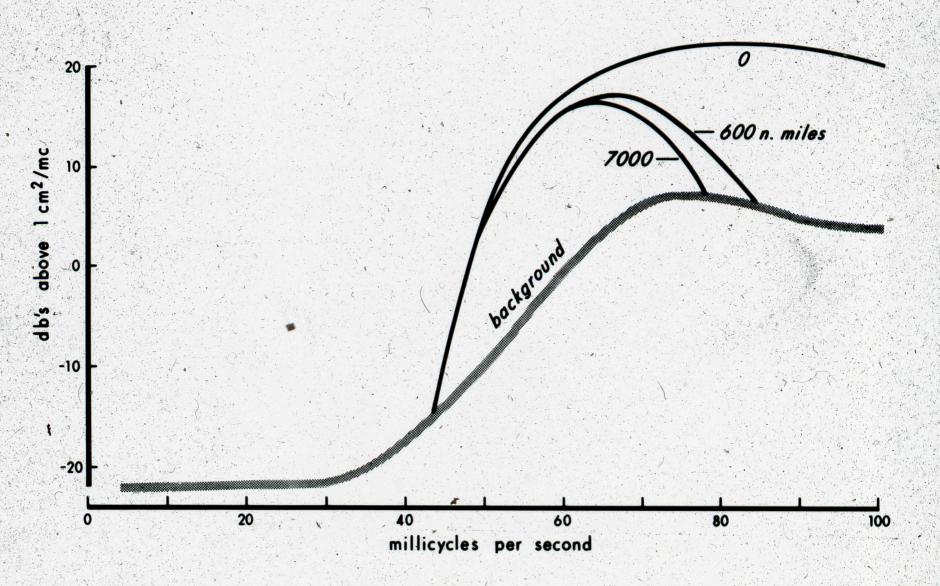


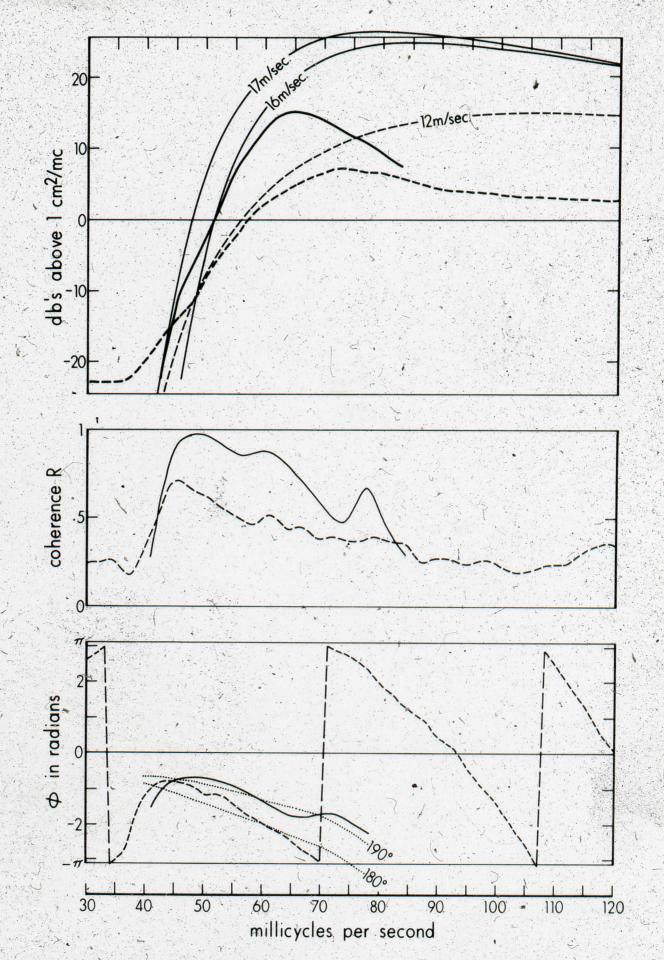


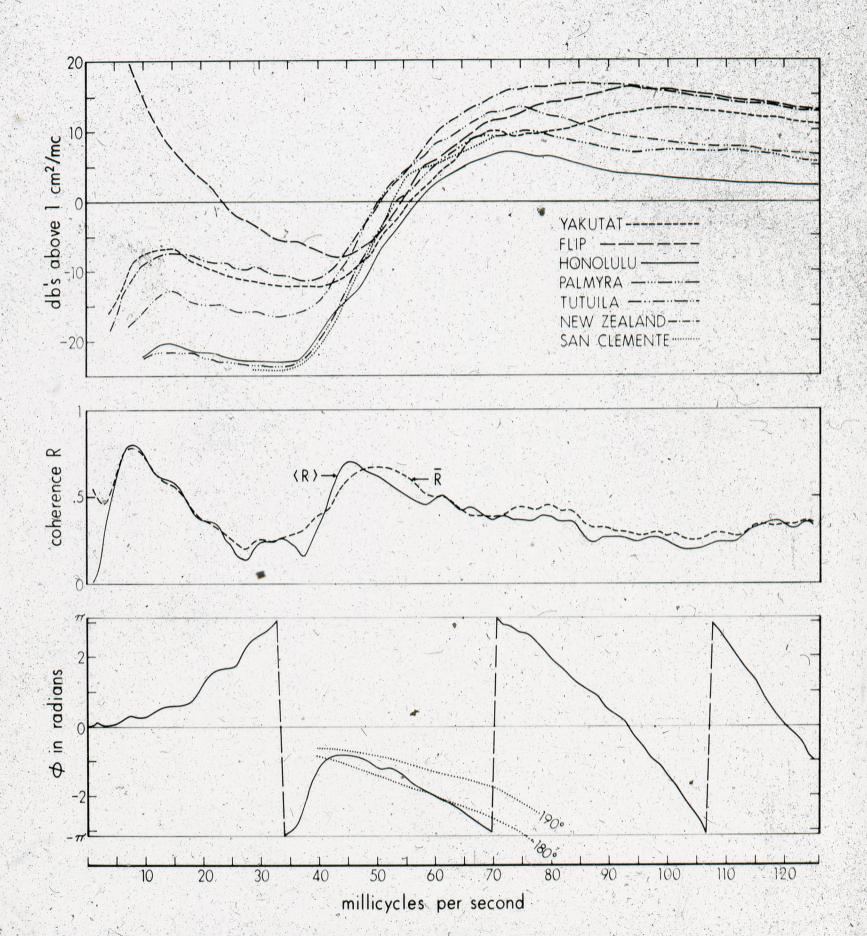


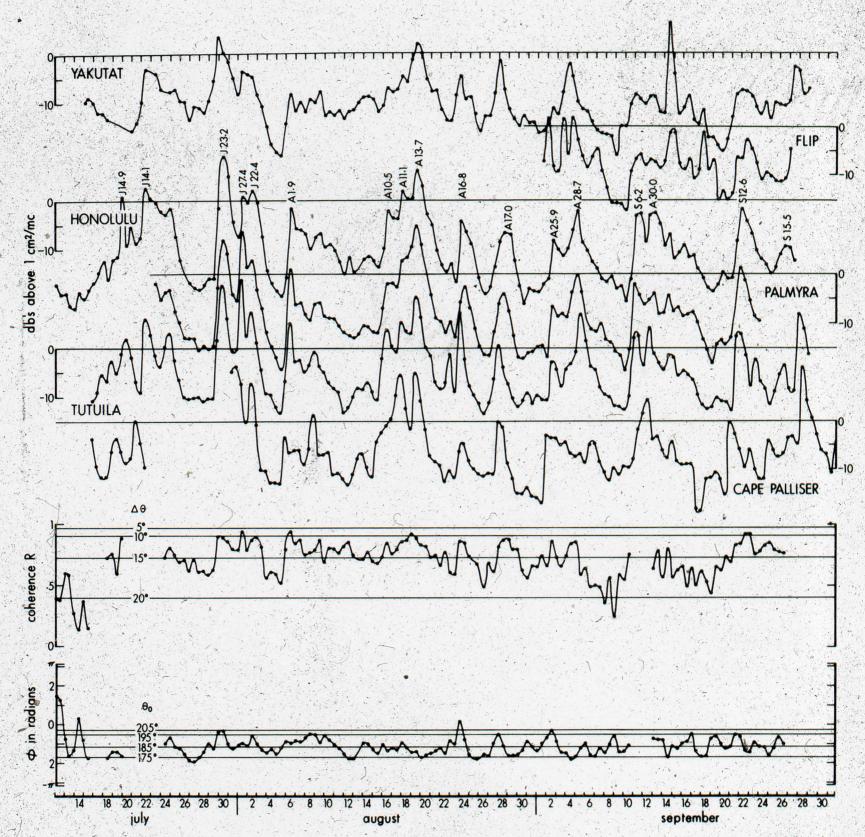


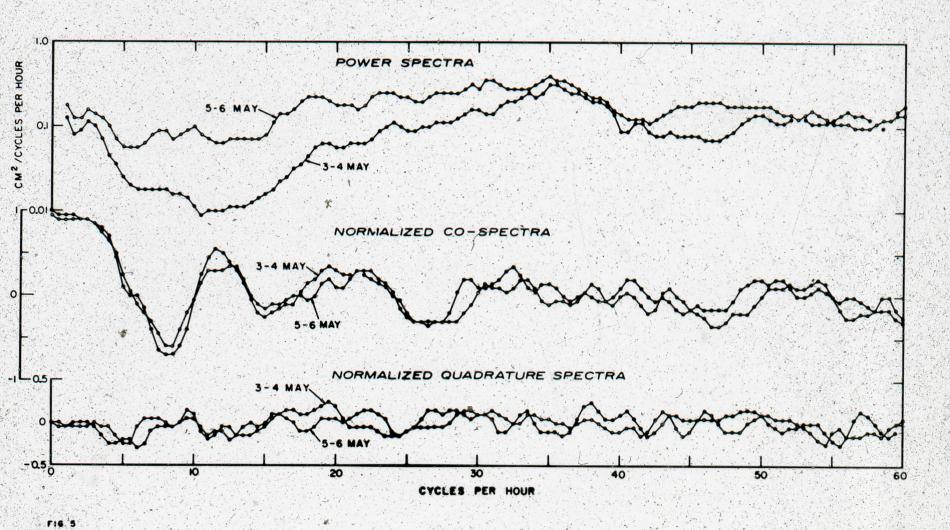


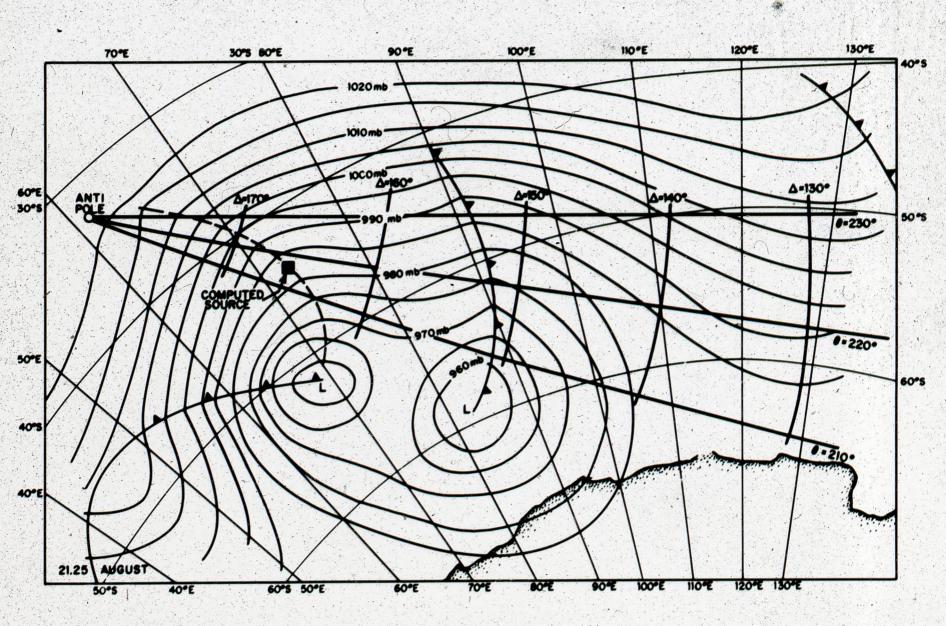


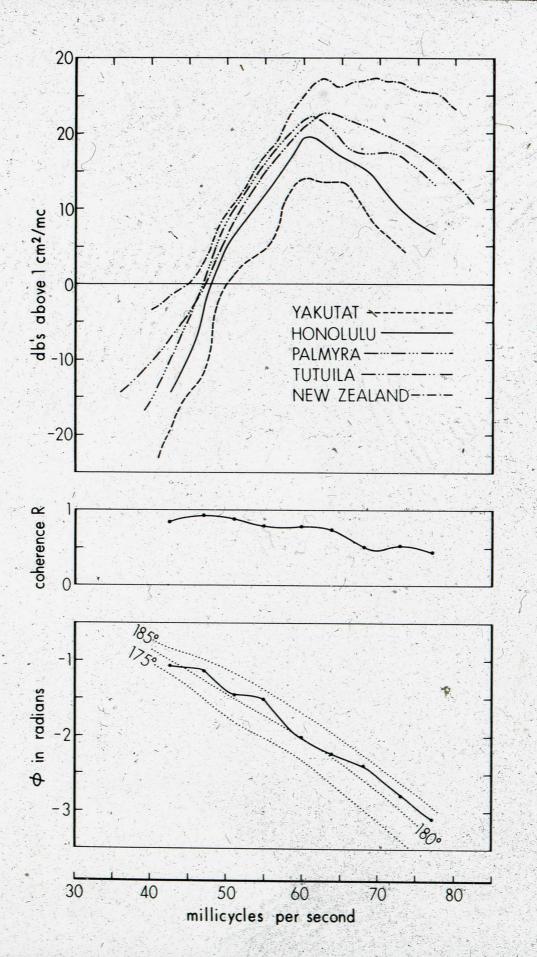


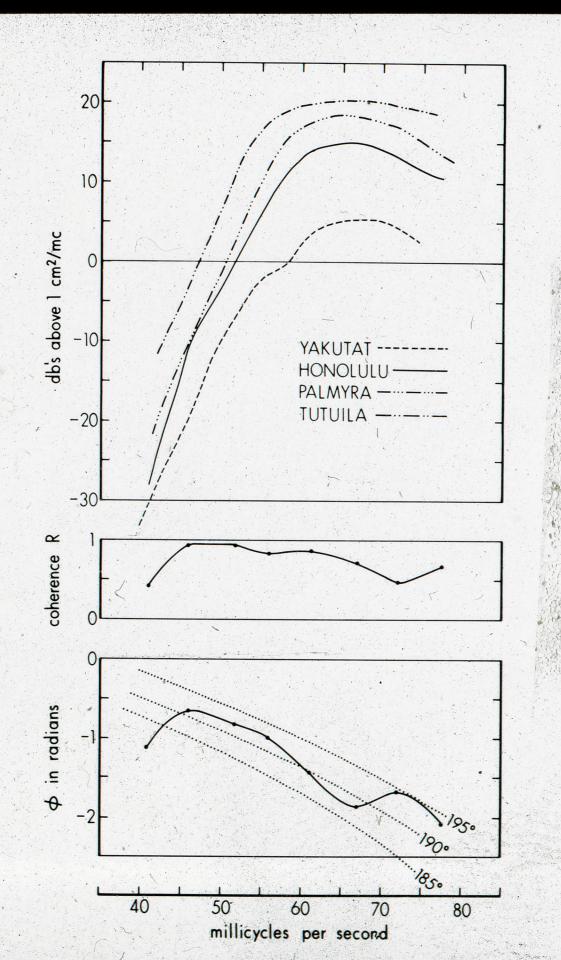


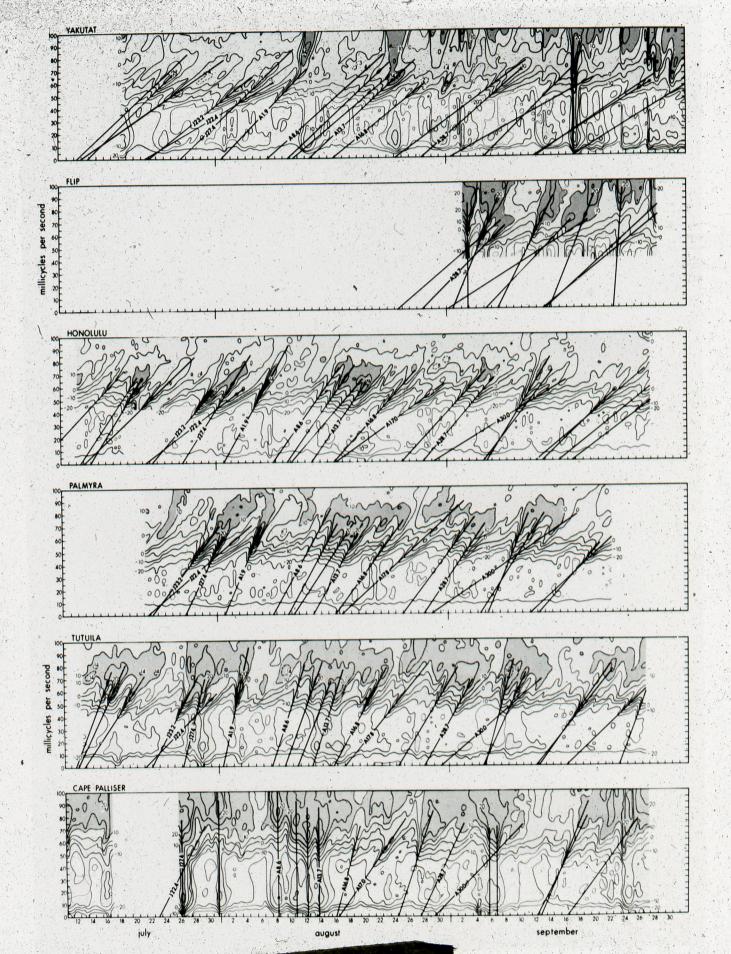










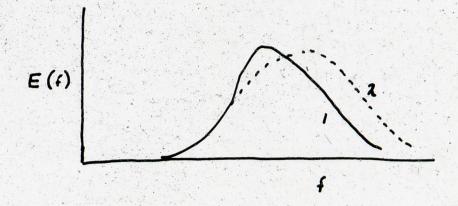


SCATTERING INTERACTIONS

$$K_1 + K_2 + K_3 + K_4 = 0$$
 $\omega_1 + \omega_2 + \omega_3 + \omega_4 = 0$

BOLTZMANN INTEGRAL

$$\frac{dF(\underline{K_0})}{dt} = \iiint_{\mathcal{A}} \sigma(\underline{K_1}, \underline{K_2}, \underline{K_3}) F(\underline{K_1}) F(\underline{K_2}) F(\underline{K_3}) d\underline{K_1} d\underline{K_2} d\underline{K_3}$$



increases with E, Of, OO.

RESULTS db's per degree.

- 1. Spaile Tatourity $T = \forall (f) \ F(f,\theta; x,y,t)$ or Apparent Brightness
- 2. Energy dearity E (f; x,y,+) = S F d0
- 3. ENERGY PER UNIT AREA 99 SE de

NO ABSORPTION

I: cont, F: cont, E: SF00 - F D0

L visition

