

Loran

CONFIDENTIAL

NAVY DEPARTMENT

OFFICE OF
NAVAL LIAISON OFFICER FOR LORAN
H-302 RADIATION LABORATORY, M. I. T.
CAMBRIDGE, MASS.

NLO/CG
Serial No. 115

15 February, 1944

To: The Commandant, CG (ECM1-815)

Subj: Loran System - "High-Frequency" Project - Radiation Laboratory
Participation in.

Ref: (a) Telephone conversation between Lt. Comdr. G. L. Ottinger
(CG-ECM1-815) and Lieut. J. H. Sanger (NLOL) on 9 Feb. 1944.

1. Reference (a) arranged for the loan of Radiation Laboratory personnel and equipment to the Coast Guard to assist in tests of "High Frequency" Loran transmitters, recently modified at Radiation Laboratory for system test by the Coast Guard.

2. Accordingly, Mr. J. A. Waldschmitt and Mr. R. Dorr plan to leave Boston for Chincoteague the evening of 16 February, 1944. Test equipment and Coupling Units, as listed in enclosure (1), have been shipped to arrive at the Coast Guard Test Station on 16 February, 1944.

J. H. SANGER

Encl: 1 - Shipping papers on test equipment for H/F Tests.

CC:
CNO (Op-20-E)
BuShips (979) Attn: Lt. (jg) Roberts

FILED
FEB 25 1944
PLEASE RETURN
TO FILES

219149

Print

CONFIDENTIAL

CONFIDENTIAL

Feb. 11, 1944

J. A. Waldschmitt, Radiation Laboratory Engineer
c/o Commanding Officer
Coast Guard Unit No. 45
Chincoteague, Virginia (Via Franklin City, Virginia)

Express

9 Boxes	Radio Equipment as per attached list	\$7,005.00
1 Bundle	Wood Braces	2.00
		<u>\$7,007.00</u>

Shipped 2-11-44
Way Bill No. 10-484
Weight 1018 lbs.

FOR FIELD TEST AND RETURN

W. L. TIERNEY

219149

CONFIDENTIAL

Shipping Order No. 22361

Box #1 - 1 General Radio R. F. Bridge, Type 916A Serial #166	350.00
Box #2 - 1 General Radio Signal Generator, Type 605A, Serial #1161 (WOR)	415.00
Box #3 - 1 Radiation Laboratory Detector with Cords and Spare Tubes	150.00
Box #4 - 1 pair Weston Electric Phones 1 Simpson #260 Meter 1 Test Oscillator with 2 plug-in coils complete 10 ft. W. E. KSBOS6 Coaxial Cable 1 Series Tapped Coil and A. C. Cords 1 7/16" Spin-tight wrench	175.00
Box #5 - 1 Jansky and Bailey Field Intensity Meter, Type 44A Serial #1	5,000.00
Box #6 - 1 Storage Battery and Spare Tubes for Field Intensity Meter	50.00
Box #7 - 1 50 mmf Eimac Condenser 1 25 mmf " " 1 12 mmf " " 1 6 mmf " " 2 115 MA R. F. Meters (Weston) 2 0-1 Thermocouples (Triplet) 2 Transmitting Antenna-to-Line Coupling Units complete with meters (rewound coils) 2 Harvey End Seals 1 Transmitter Delay Unit with Cords and Tubes 2 6SN7 Tubes - spares for delay unit 1 809 Tube) 1 5U4G ") Spares for Test Oscillator 2 76 ") 2 89 ") 1 955 ") Spare tubes for signal Generator 2 84 ")	450.00
Box #8 - 1 Tungar 2 Amp. Charger	15.00
Box #9 - 2 Co-phase Units complete as follows: 2 Housings, 2 sets of Braces 6 6" Pyrex Bowls 2 Coils 6 50 mmfd Eimac Condensers 2 25 mmfd Eimac Condensers 4 Aluminum End Plates	400.00
1 Bundle - 1 Bundle 4 lengths 2 x 4 Mounting Braces for Co-phase Housings	2.00

Total Value

\$7,007.00