UNCLASSIFIED
DECLASSIFIED

NRL REPORT NO. 3085

BIBLIOGRAPHY of NRL PUBLISHED REPORTS OCTOBER 1933 - MARCH 1947

FR-3085

DECLASSIFIED: By authority of
DOD DIR 5200.10
Date
Entered by NRL Code

APRIL 1947

DECLASSIFIED by NRL Contract
Declassification Team
Date: 13 DEC 2016
Reviewer's name: A. THOMPSON, P. HANNA
Declassification authority: NAVY DECLASS GUIDE / NAVY DECLASS MANUAL, 11 DEC 2012

DISTRIBUTION STATEMENT A APPLIES
Further distribution authorized by
UNLIMITED only.

NAVAL RESEARCH LABORATORY
Washington, D.C.

DECLASSIFIED

CONFIDENTIAL

DECLASSIFIED

NRL REPORT NO. 3085

BIBLIOGRAPHY of NRL PUBLISHED REPORTS OCTOBER 1933 - MARCH 1947

APRIL 1947

NAVAL RESEARCH LABORATORY

Washington, D.C.

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

Bibliography of Naval Research Laboratory Reports

The Bibliography of Naval Research Laboratory Reports lists chronologically all scientific and technical published and bound reports issued by the Laboratory. The number, title of the report, and its classification are included.

The first published and bound NRL report, dated 2 October 1933, was arbitrarily given the number 1000. To date the number of such reports issued has reached 3069.

In numbering each report a preceding letter was assigned to indicate the scientific division in which the report was prepared. The key to these letter identifications is as follows:

B - Interior Communications
E - Electricity
H - Heat and Light (now Optics)
M - Metallurgy
O - Ordnance (now Physics)
P - Physical Chemistry (now Chemistry)
R - Radio
S - Sound
V - Shock and Vibration

A complete file of these reports is maintained at the Laboratory but the supply of most of the reports published prior to 1940 is temporarily exhausted.

Attention may be called to the fact that this first publication of the Bibliography, while reasonably complete, is a preliminary compilation, and intended for the convenience of the Laboratory personnel until a more finished listing can be published. In the matter of declassification of reports, it is believed that all such changes to date are included. A number of reports, however, are presently under consideration for declassification, and other reviews will be undertaken in the future.

April 1, 1947

DECLASSIFIED

DECLASSIFIED

[redacted] CONFIDENTIAL

NAVAL RESEARCH LABORATORY

Published Reports

1933

No.	Title	Classification
H-1000	Study of the Behavior of Spectral Lines of Sodium in the Combustion of Fuel Oils	U
R-1001	Examination and Test of RCA Victor Co. Model CXC H. F. Direction Finder	U
R-1002	Test of TBA-1A Transmitter including Comparative Tests of TBA Transmitter	U
H-1003	Polarization of Light at Sea	U
H-1004	Secret Recognition System for use at Night in Ships	S
H-1005	Report on enclosed Submarine Storage Battery Cell Problem	C
R-1006	Tests of the Preliminary Model LD-1 Combined Heterodyne Frequency Meter and Crystal Controlled Calibrator	U
R-1007	Report on Test of "Agstat" time delay relay Comparison wtth Type "PQ" Time Delay Relay	U
R-1008	Report of Tests of Simon Direction and Distance Finder	U
R-1009	Report on Test of Model RO-2	U
R-1010	Report on Test of Crystal Holders Manufactured by Radio Research Co. and Investigation of TBA transmitter Crystal Circuit	U
R-1011	Test of RCA-Victor General Purpose Receiver	U
P-1012	Cooperative Fuel Testing Progress	U
R-1013	Tests of TAD H. F. Attachment	U

1934

R-1014	Test to Determine Cause of Failure of Audio Transformers	U
H-1015	Supplement to Report on Photo-elastic Test of BuC&R weld Models 54a, 54b, 54c, and 56g	U
M-1016	Report on Studies of European Molding Sands	U
H-1017	Report on Signalling and Detection with Ultra-violet and Infra-red Radiation	S
R-1018	Failure of Voltmeters used in Model GI Receivers	U
P-1019	The Carbon and Hydrogen content of the Fuel Oils in Storage at the N. R. L.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1020	Test of Precision and Instrument Co.'s Thermostats	U
P-1021	Progress on Anti-fouling Coatings	S
H-1022	Photography with Infra-red Plates	U
P-1023	Submarine Battery Ventilation System "Open" types	C
R-1024	Test of RCA-Victor Co. Test Oscillator Model TMV-97-A Serial #785 Range 150-15000 Kc.	U
R-1025	Test of "Agastat" Time Delay Relay	U
M-1026	Report on Solidification Studies (Steel Castings Research)	U
R-1027	Test of Models RAA and RAB receiving Equipments (Audio System)	U
R-1028	Tests of Models RAA and TAB Receiving Equipment (RF and IF Amplifier and Detector Circuits of the Models RAA)	U
M-1029	Studies of Internal Friction and Vibration Fatigue	U
R-1030	Tests of Model RAA and RAB Receiving Equipment (RF and IF Amplifier and Detector Circuits of the Model RAB)	U
P-1031	Cooperative Fuel Testing Progress Report (b)	U
H-1032	Report of the Radio Section of the 1932-1933 American Polar Year Expedition	U
P-1033	Water Repellant Coatings - Tests of Water Repellant Materials for Coating the Interior of Submarine Main Battery Ventilation Ducts	U
R-1034	Problem R5-7 - Detector Characteristics	U
R-1035	Pre-selector Circuits - Problem R5-7	U
H-1036	Report on the Problem of Visibility	C
R-1037	Key Clicks - Problem R5-7	U
R-1038	Test of Model RG-3 Radio Receiving Equipment - Range 1000 to 20,000 Kc.	U
R-1039	Report on Test of Frequency Control Device	U
R-1040	Tests of Model TBF Transmitting Equipment, Ser. 32, 34, 35	U
R-1041	Tests of the Resubmitted Preliminary Model LD-1 Combined Heterodyne Frequency Meter and Crystal Controlled Calibrator	U
R-1042	Investigation of Hum in Model RAB Receiver	U
R-1043	Test of Model TBF-a transmitter	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
A-1044	Reports on Tests of NEA-1 Alternator	U
A-1045	Tests of Type CHS74015 Crystal Frequency Indicator	U
A-1046	Tests of Type RR-150 Aircraft Frequency Inducator	U
M-1047	Report on Pickling of Steel Castings	U
R-1048	Results of Antenna Measurement using Model OA Equipment and Substitution Method	U
P-1049	Cooperative Fuels Testing Progress Report - Report C	U
R-1050	Tests of the Experimental Croker-Wheeler Alternator and Modified Model CI Transmitter	U
R-1051	Tests of Model TAZ-1 Transmitting Equipment No. 3	U
M-1052	Studies of Grid Alloys for Submarine Storage Batteries	U
R-1053	Test of the Hammarlund Comet "Pro" Receiver	U
R-1054	Tests of the Model TBT Transmitting Equipment	U
R-1055	Test of the Model TAV-2 Equipment Section I: Transmitter, Generator, Antennas and Transportation Equipment	U
A-1056	Test of Model GO Patrol Plane Transmitting Equipment	U
R-1057	Tests of Wire-wound Resistors Cement and Varnished types	U
R-1058	Test of Receiver Unit only of the Model TAV-2 equipment. Section 2 - Balance of eq. covered in report R-1055	U
R-1059	Tests of Preliminary Model LD-2 combined het. frequency meter and crystal controlled calibrator	U
H-1060	Supplementary report to report on signalling detection with Ultra-violet and Infra-red radiation	U
P-1061	Storage Batteries WLH-45 and WLH-29 Characteristics of at 1280 Spec. Grav.	C
R-1062	Test of Weston Test Oscillator Model 694, Serial 114	U
R-1063	Addenda to report on tests of Models RAA and RAB receiving equipments (Audio System)	U
P-1064	Fire Extinguishers - preliminary study of foam fire extinguishers for flight decks of aircraft carriers	U
R-1065	Preliminary report on effects of high frequency electric field of high field intensities upon radio frequency insulating materials	U
R-1066	Test of Head Telephone Receivers	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
A-1067	Tests of Preliminary Models GF-1 and RUO3 Aircraft Radio Eq	U
R-1068	Test of Model TAJ-4 Transmitting equipment	U
R-1069	Test of Model TBF-1 Transmitting equipment	U
B-1070	Test of Low Pressure Alarm Contact Maker for Circulating Oil System	U
P-1071	Report on Thermodynamics of the Lead-acid Storage Cell for NRL	U
B-1072	Test of Clear Bakelite	U
B-1073	Test of Relay for Two Filament Running Light Lamps	U
R-1074	Test of Thermostats	U
M-1075	Studies of Solidification and contraction in steel castings II. Free and hindered contraction of Cast Carbon Steel	U
A-1076	Test of Kearfott Aircraft Direction Finder and himing device	U
A-1077	Test of Type NES-2 Radio Homing Device	U
S-1078	Test of Model QB Underwater sound equipment of the USS CUTTLEFISH	C
P-1079	Recognition Signals O Visual Signals for Submerged Submarines	S
P-1080	Submarine Air Purification #3	C
S-1081	Test of NM Equipment of the USS FARAGUT	C
B-1082	Test of Instantaneous Type Shaft Revolution Indicator System, manufactured and submitted by Pitometer Log Corp	U
R-1083	Test of Weston Model 301 Volume Indicator	U
S-1084	Test of the QC Sound Equipment of the USS FARAGUT	C
R-1085	Test of Mica and Foil Paper capacitors	U
B-1086	Test of Lubricating Oil Low Pressure Alarm Contact maker	U
R-1087	Test of Model TBK Transmitting Equipment	U
R-1088	Tests on Cement-coated, Wire-wound Resistors submitted by International Resistance Co.	U
R-1089	Tests of the Model TAJ-5 Transmitting Equipment	U
S-1090	Tests of the RCA-Victor NM-3 and QC-3 Sound Equipment	C
R-1091	Tests of Stackpole - SS White and other resistor units	U
B-1092	Test on controller and pulsators for truck and screened speed lights mfd. by Navy Yard, Portsmouth, N. H.	U

DECLASSIFIED

CONFIDENTIAL

DECLASSIFIED

No.	Title	Classification
R-1093	Test of the Model RAG Receiving Equipment	U
R-1094	Test of the Models TBA-1A Transmitting Equipment	U
B-1095	Tests of Bi-metallic Thermostats, Walter Kidde and Co. Exhibitor	U
B-1096	Test of the Telephone Extension Relay Submitted by Automatic Electric Co.	U
H -1097	Preliminary report on sky camouflage of Naval Airplanes	C
R-1098	Test of the Class IA and IIA Receiving Equipments	U
R-1099	Test of Mercury-in-Glass Thermostats	U
P-1100	Submarine Storage Batteries Relation of Current and Voltage during the gassing phase of charge	U
B-1101	Relay, metal, vacuum type submitted by General Electric	U
R-1102	Model QA Sound Equipment manufactured by Audio Research Co.	U
A-1103	Investigation of Model MJ Aircraft Receiver	U
A-1104	Report of Tests of Model GM Transmitting Equipment	U
A-1105	Test of Aircraft Radio Direction Finder, Pioneer Instrument Co.	U
B-1106	Constant Frequency control unit for instantaneous shaft revolution system manufactured and submitted by Pitometer Log. Corp.	U
R-1107	Test of Simon Radio D. F. Equipment	U
	1935	
M-1108	Solidification of Studies on Cast Steel. Part 2	U
B-1109	Tests on Thermostats-Mercurial Type manufactured and submitted by Moeller Instrument Co.	U
B-1110	Thermostats-mercurial type manufactured by and submitted by H. B. Instrument Co.	U
R-1111	Micro-ray radio apparatus for use in aircraft alti-drift meter equipment	C
R-1112	Tests of Mercury in glass thermostats in circuit employed in Model LD-2 equipment	U
P-1113	Heat Balance Studies on Submarine Storage Cells	U
B-1114	Temperature indicator for submarine engines mfg by Weston Electric Corp. and submitted by Winton Engine Corp.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1115	Characteristic Impedance and Attenuation of Transmission line at frequencies of 30 and 40 mcs.	U
R-1116	Test of Model TBL Transmitter	U
R-1117	Loss Factor and High frequency flash-over of Phenolic Insulating materials	U
B-1118	Instantaneous Type Shaft Revolution system manufactured by and submitted by Electric Tachometer Corp.	U
P-1119	Conversion of Viscosity Determination etc.	U
R-1120	Test of Weston Model Replacement Meter on RAA and RAB equip.	U
M-1121	Studies of grid alloys for submarine storage batteries (continuation of report M-1052)	U
R-1122	Electrical Characteristics and performance of rectifier unit type CAY-20018 of the model TBK Radio transmitter	U
B-1123	Test of 12" single strike, 115 VAC 60 cycle bell	U
B-1124	Test of relays for operation of pilot indicator lamps in truck and screened speed light controllers.	U
B-1125	Report on test of horns type H Federal Electric Co.	U
P-1126	Report on submarine storage batteries emergency analysis for chlorine content of electrolyte	U
P-1127	Reproductibility of viscosity determinations at 77F	U
R-1128	Repair of Model OA Antenna measuring equipment type 4360, Serial 1 assigned to NYd, Pearl Harbor	U
B-1129	Test on annunciator equipment and buzzer, Chas. Cory exhib.	U
R-1130	Test of Model TAQ-4 transmitting equipment	U
R-1131	Test on enamel coated wire wound resistors	U
R-1132	Tests of Model LK frequency indicator, preliminary model	U
B-1133	Report of test on telegraph key and sounder equipment submitted by J. H. Bunnell Co.	U
R-1134	Test of Models DO, DO-1, DO-2, DO-3 Radio D- F. Equipment	U
R-1135	Tests of Anti-Click Keying unit	U
P-1136	Report on storage batteries - comparison of capacities of WLH-29, WLH-45, and German Tudor type 20-POR-810 Submarine Storage Cells	C

DECLASSIFIED

DECLASSIFIED

No.	Title	Classified
B-1137	6" AC 60 cycle vibrating bell submitted by Chas. Cory Corp	U
R-1138	Test of Model LJ Aircraft crystal frequency indicator CHS-74015, serial 11	U
R-1139	Test of Weston Decibel meter model 301	U
R-1140	Test of Class IA-11A Receiving Equipments modified as of Feb 1, 1935	U
R-1141	Test of Loop Structure Assembly of the Model DQ Radio Direction Finder equipment	U
B-1142	Test on Incandescent Lamps 6-8 volts G-4132 clear bulb (Mazda 55) G.E. Co. exhibitor	U
R-1143	Test of modified type CD-48432 Capacitors	U
M-1144	Development of exothermic torpedo (experiments made from 23 Jan 1934 to 28 March 1935)	S
P-1145	Submarine Storage Batteries. Methods of increasing the specific gravity of electrolite to 1280	U
R-1146	Static locating system	U
B-1147	Test of Navy type I Horns mfg by Delco Remy Corp.	U
B-1148	Test on instrument lamps types VG-2 and VG-2A G-E Vapor Lamp Co. Exhibitor	U
B-1149	Report on present day technique for radio transmission and reception in the micro-ray frequency band (3000-3000 mcs) with suggested applications for Naval purposes	C
P-1150	Report on atmospheric distillation of the "A" series of fuel oils and the analysis of the fractions	U
R-1151	Test of submarine loop antenna cable	U
R-1152	Test of John E. Fast Capacitors	U
R-1153	Test of Formica Insulation	U
R-1154	Vibration test of type 38064 vacuum tubes	U
R-1153	Test of revised model QA underwater sound equipment mfgd by Audio Research Co.	U
B-1156	Test of double shaft revolution indicator (Pitometer Log. Corp)	U
R-1157	Life tests on type 864 triodes	U
B-1158	Test on general alarm contact maker. Chas. Cory exhibitor	U
H-1159	A photoelastic investigation of the stress concentrations in longitudinal sectionals of corrugated pipe for the Naval Experiment Station, Annapolis	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No.	Title	Classification
P-1160	Emulsion formation of the "A" series	U
R-1161	Test of model LJ-1 Aircraft frequency indicators	U
R-1162	Loop circuit "Q" measurements and defects of loop assembly construction of models DO, DO-1, DO-2, DO-3 D. F. eq.	U
R-1163	The ionosphere, skip distances of radio waves and the propagation of microwaves	U
R-1164	Test of G. Electric recognition signal system	C
R-1165	Electrical performance of multi-electrode mercury vapor rectifier tube in double three phase circuit type W-224	U
B-1166	Test on Navy type I horn mfgd by Kellogg Switchboard and Supply Co	U
R-1167	Test of telephone receivers	U
B-1168	Test on electrical solenoid valves and airhorn mfgd by Clark-copper Co. for submarines SS176 and SS178	U
R-1169	Test of special Western Electric light weight head telephone receivers	U
B-1170	Test of thermostats - mercurial type mfgd. and submitted by the H. B. Instrument Co.	U
B-1171	Test on wind intensity and wind direction indicator system mfgd and submitted by Julian Friez and Sons	U
R-1172	Test of Weston model 506 tropically treated voltmeter multipliers	U
O-1173	First partial report on light armor investigation, survey of literature	U
B-1174	Test of bells and buzzers, contract NOs-37951 mfgd. and submitted by Charles Henschel and Co.	U
R-1175	Test of production model GF-1 equipment	U
R-1176	Tests of John E. Fast and Co. Capacitors	U
R-1177	Routine test of Precision Instrument and Instrument Co. Thermostats	U
R-1178	Retest of preliminary model of class 4 radio receiving equipment consisting of one RAG-1, one RAH-1 and one type CHS-23067 control unit.	U
R-1179	Electrical performance and characteristics of cathanode mercury vapor triodes	U
R-1180	Test of model AVR-6 aircraft receiving equipment	U
B-1181	Lubricating oil low pressure alarm contact maker	U

DECLASSIFIED

DECLASSIFIED

[redacted] No.	Title	CONFIDENTIAL Classification
M-1182	Studies on solidification and contraction in steel castings and the rate of skin formation	U
R-1183	Test of thermostats submitted by the Taylor Instrument Co.	U
B-1184	Switch-door operated type IV mfgd by Portsmouth NYd	U
R-1185	Model GO production set serial #33 (Hygrage Sylvania Corp.)	U
R-1186	Test of model TBN-2 transmitting equipment Contractor - Westinghouse Electric and Mfg Co	U
R-1187	Measurement of characteristic impedance and attenuation of twisted pair transmission lines	U
M-1188	First partial report on investigation of electrolysis of water	U
P-1189	Submarine Storage Batteries Stratification of electrolyte	U
B-1190	Test of fire alarm thermostat submitted by Julian Friez Co.	U
R-1191	Test of ceramic (Porcelain) Insulating materials submitted by Porcelain Products, Inc.	U
R-1192	Test of thermometers submitted by Taylor Instrument Co.	U
B-1193	Test on incandescent lamps 6-8 volts one C.P. G-3 1/2 bulb Mazda 51 - G. E. exhibitor	U
P-1194	Fire extinguishers - foam fire extinguishing equipment for Naval vessels - test of foam generator	U
P-1195	Heat balance studies on submarine storage cells - The gassing voltage-gravity-temperature relationships in lead-acid cells	U
H-1196	Preliminary report on low visibility camouflage of ships	U
R-1197	Test of commercial type 56 VAC tube for use as oscillators in models RAA and RAB series receiving equipment	U
B-1198	Wind velocity system mfgd and submitted by Submarine Signal Co.	U
S-1199	Report on Sound Analysis of USS20	C
R-1200	Test of preliminary model of model RN receiver alignment oscillator	U
R-1201	Investigation of means to reduce or overcome effect of static	U
R-1202	Test of U. S. Coast Guard type CGR-31 Intermediate Frequency receiver	U
B-1203	Test of propeller shaft revolution indicator system mfgd and submitted by the Electric Tachometer Corp.	U
S-1204	Report on transmission of sound in sea water - absorption and reflection coefficients and temperature gradients	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1205	Test of Mycalex Insulating material	U
B-1206	Report of test of "12" bells - submitted by Chas. Henschel	U
B-1207	Test on Anemometer-contracting type mgfd and submitted by Julian Friez	U
P-1208	Diesel Oils in Storage at NRL	U
R-1209	Routine test of submarine loop antenna cable mgfd by American Steel and wire Co.	U
P-1210	Specific Gravity-temperature relationships of the NRL and "A" series of fuel oils	U
M-1211	First Partial report on method of determining Laminations in steel plates	U
B-1212	Test on lubricating oil low pressure contact maker mgfd and submitted by Detroit Lubricator Co.	U
R-1213	Test of head telephone receivers type CW-49023	U
R-1214	Test on gun and torpedo transformers mgfd and submitted by G.E. Co.	U
B-1215	Test on Sirens motor operated mgfd and submitted by Clark Cooper Co.	U
P-1216	First partial report on submarine propulsion systems	C
R-1217	Report on test of head telephone receivers type CW49003	U
B-1218	Test on horns, type A submitted by Clark Cooper Co.	U
H-1219	Report on ship camouflage-reduction of visibility of periscope Feather with dye	C
B-1220	Test of siren, motor operated submitted by E. D. Bullard Co.	U
B-1221	Bell, vibrating, 3" and 10" submitted by Chas. Cory Corp.	U
R-1222	Test on thermometers type CHB-40014	U
B-1223	Test on lamps, incandescent, types T-51 and T-55, 6-8 volts	U
P-1224	Effect of aviation gasoline containing lead tetraethyl di-boromide when stored in metal containers with or without water	U
R-1225	Test of Coast Guard type CGR-32 high frequency receiver	U
B-1226	Wind velocity and wind direction system submitted by Chas. Henschel Co.	U
H-1227	Photoelastic investigation of destroyer deck structure	U
R-1228	Frequency errors in thermal instruments	U

DECLASSIFIED

DECLASSIFIED

[redacted] No.	Title	CONFIDENTIAL Classification
M-1229	Studies of solidifications and contraction in steel castings Free and hindered contraction of alloy steels	U
H-1230	Airplane camouflage - preliminary report on reduction of visibility by artificial illumination	C
R-1231	Test of head telephone receivers submitted by Brush Dev. Co.	U
A-1232	Report on atmospheric electric field indicator	U
R-1233	Electrical characteristics and performance of G. E. type FP-164 time delay electronic relay	U
P-1234	First partial report on investigation of dehumidifying agents of submarines. Characteristics of various drying agents	U
P-1235	Test of static electricity dissipation in submarine storage battery of ventilation ducts	U
P-1236	Literature study of the chemical composition of sea water	U
P-1237	Test of propeller shaft revolution indicator system, instantaneous type mgfd and sumbitted by Elec. Tachometer Co.	U
R-1238	Report on the unsatisfactory performance of type 38266 rectifier tubes in the model CI equipment	U
H-1239	Camouflage of naval ships-tests at sea during Nov. and Dec. 1936	C
P-1240	Report on the methods of destruction of documentary contents of safes in sunken vessels	C
R-1241	Test of head telephone receivers, type CTE49016	U
B-1242	Test of propeller shaft revolution indicator system - electro-choronometric type - Geo. Walker Co. exhibitor	U
P-1243	Heat balance studies on submarine storage cells for NRL	U
P-1244	First partial report on oxygen sources for submarine air purification	U
R-1245	Test of Alsimag 35 and 196	U
B-1246	Test of annunciator mgfd by Portsmouth NYd	U
R-1247	Test of Magicore samples mfgd by Henry Crowly	U
R-1248	Test of foil paper capacitors type CPC-48205	U
B-1249	Test of lubricating oil low pressure alarm contact maker mdd and submitted by Schutte Koering Co.	U
R-1250	Test of models RAA and RAB receiving equipments. RF and IF amplifier and detector circuits of models RAA and RAB	U
H-1251	Photoelastic investigation of stress concentration in side plating (10,000 ton vessel)	U
R-1252	Test of model GO transformers	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
B-1253	Test of bells, vibrating, 4", 8", and 12" mfd and submitted by Portsmouth NYd	U
P-1254	Submarine Storage Batteries X-ray Study of Sulfation	U
R-1255	Report on investigation of phototube characteristics	U
B-1256	Test of siren motor operated submitted by Federal Electric Co.	U
R-1257	Properties of Dielectric materials at high frequencies	U
M-1258	First partial report of research on the weldability of iron alloys	U
H-1259	Radio and the sunspot cycle	U
M-1260	Laminations in plates, and acoustical method for detection of	U
R-1261	Test of Weksler Thermal Devices	U
B-1262	Test on valve solenoid operated for air horns	U
R-1263	Test of Learfott Direction finder	U
M-1264	Fluidity of cast steel - Part I	U
B-1265	Shaft revolution indicator mfd and submitted by Electric Tachometer Corp.	U
B-1266	Test on transformers, gun firing - mfd by and submitted by American Transformer Co.	U
P-1267	Submarine Storage batteries - charging procedure for wartime	U
R-1268	Test of first production samples of models RAG-1, RAH-1 Receiving equipment complete as called for under contract 32226	U
R-1269	Report of electrical characteristics, performance and suitability of G. E. type FP-163 time delay electronic relay	U
R-1270	Test of foil paper capacitors	U
R-1271	Test of preliminary model RU-4 aircraft radio receiving equipment	U
R-1272	Report on preliminary model GP-1 equipment	U
R-1273	Test of model CXL radio transmitting equipment	U
R-1274	Applicability of the spark coil transformer to determine the condition of vacuum tubes	U
R-1275	Tests of models AVR-7 and AVR-7A aircraft radio receivers	U
R-1276	Test on Buzzers, 115 volts A.C. and D.C. Benjamin Elec.	U
P-1277	Second partial report on investigation of dehumidifying agents for submarines - characteristics of magnesium chloride as a dessicant	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-1278	Investigation of dehumidifying agents for submarines and closed spaces in ships - quicklime (calcium oxide) as a dessicant	U
P-1279	Report on aviation gasoline - the solubility of water in gasoline	C
P-1280	Aviation gasoline - study of the effect on gasoline stored in duprene-lined hose	U
R-1281	Report on the test of the model GF-2 equipment	U
S-1282	Sound analysis of the USS S-20	U
B-1283	Report on test of propeller shaft revolution indicator system mfd and submitted by Electric Tachometer Corp.	U
B-1284	Suitability tests on wind systems - phenometric type submitted by J. P. Friez Co,	U
R-1285	Model CXN direction finder adapter mfd by the Radio Research Co.	C
R-1286	Model Ld-3 combined heterodyne frequency meter and crystal controlled calibrator	U
H-1287	Spectroscopic examination of the gaseous residium after chemical analysis of the gas contained in the bubbles given off by an under-water arc-welding torch.	U
R-1288	Model GP telephone and telegraph transmitter mfd by RCA	U
B-1289	Test of buzzer, Navy type B-2 submitted by Bendix Marine Products Co.	U
B-1290	Test of Buzzer, Navy type B-2 submitted by C. V. McBreem	U
P-1291	Second partial report on chemical oxygen sources for submarine Air purification	U
P-1292	Dehumidification of air for sumbarines and closed spaces in ships-design of hoppers for calcium chloride or other dessicants	U
P-1293	Partial report on calming rough waters	U
B-1294	Test of lubricating oil low pressure alarm contact makers mfd and submitted by Viking Instruments Inc.	U
R-1295	Modified Model LJ Aircraft crystal frequency indicator Higrade-Sylvania Corp.	U
R-1296	Test of head telephone receivers, type CW 49003	U
B-1297	Test on horn, Navy type A1 submitted by E. A. Lab.	U
R-1298	Test of Weston Tropical Climate Voltmeter with composition multiplier	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No.	Title	Classification
P-1299	First report on Moravian green anti-fouling paint, the inorganic components	U
R-1300	Data on Wave propagation, 10 kc to 60 mc.	U
M-1301	Intensifying screens for gamma ray radiography	U
H-1302	Preliminary report on dazzle camouflage of ships	C
M-1303	Second partial report of research of the weldability of iron alloys	U
P-1304	Water recovery in lighter than aircraft - study of the properties of granular silica gel	U
R-1305	Preliminary model GF-3 equipment mfd by Aircraft Radio Corp	C
R-1306	Test of Potter paper foil (oil-filled) condenser	U
R-1307	Preliminary models of Model TBO transmitting and receiving equipment	U
A-1308	First partial report on the study of methods for converting latent heat energy directly into electrical energy	U
R-1309	Test of Weston special 15KV composition resistor	U
R-1310	Tests of model LM radio frequency measuring equipment mfd by Radio Research Co.	C
R-1311	Test of Weston elapsed time indicator	U
R-1312	Test of thermometers and thermostats submitted by Taylor Instrument Co.	U
B-1313	Test on fire alarm equipment submitted by Chas. Henschel Co.	U
R-1314	Test of Thermometer submitted by the Palmer Co.	U
M-1315	Electrolysis of water to produce mixed oxygen and hydrogen	U
B-1316	Test on Buzzer, type B-2 submitted by Holtzer-Cabot Electric Co	U
H-1317	Stress Distribution around openings in Deck plating	C
R-1318	Test of model TBL-2 radio transmitting equipment	U
M-1319	Studies in steel castings research	U
B-1320	Test on siren type A-1	U
P-1321	The analysis of moravian green anti-fouling paint - the individual compound, the organic material and the percentage composition	U
B-1322	Gun firing transformer, 200 V.A. submitted by Jefferson Electric Co	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

[redacted] No.	Title	Classification
P-1323	Water Loss from Submarine Storage Cells	U
H-1324	Airplane camouflage, tests of Oct. 1 1936 on reduction of daytime visibility of airplane by artificial light	C
B-1325	Transformers, gun-firing submitted by Allis-Chalmers	U
R-1326	Weathering test of submarine antenna cable	U
O-1327	Final report on high pressure air reducers	U
R-1328	Test of Model XTAJ-6 radio transmitting equipment	C
M-1329	Aging of iron and steel	U
B-1330	Buzzer, type B-1 submitted by Bendix Marine Prod. Co.	U
R-1331	Concentrated capacity and inductance as substitute for horizontal antenna on board ship	U
P-1332	Heat balance and current distribution studies on lead-acid storage cells	U
B-1333	Test of buzzer, Navy type B-2 - submitted by Batteryless Tel. Co.	U
P-1334	Submarine Storage Batteries - X-ray studies of active materials	U
B-1335	Tests on Bells and Buzzer submitted by Portsmouth NYd	U
B-1336	Effect of generator wave form on the operation of alternating current receivers	U
	1937	
R-1337	Test of electrical Indicating Instruments submitted by Weston	U
H-1338	Underwater visibility	U
H-1339	Illumination for Battleship aircraft night operations - preliminary tests	U
B-1340	Salinity indictor equipment submitted by the Sperry Gyroscope Co.	U
R-1341	Test of Continental Electric Motor Generator Set	U
H-1342	Photoelastic investigation of deck structures	C
R-1343	Tests on Audio Transformers mfd by Molded Insulation Co.	U
P-1444	Supply of oxygen for high altitude flying	C
R-1345	Test of insulating varnishes for radio frequency uses	U
P-1346	The preparation and properties of solidified gasoline	C

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No.	Title	Classification
R-1347*	Tests of Models DP-4, DP-5, DP-6 and DQ-1 Radio D.F. Equipment	C
B-1348	Master heater repeater indicator submitted by Pitometer Log. Corp.	U
B-1349	Test on transformers overload and blown fuse types	U
H-1350	Preliminary reports of the camouflage of submarines to avoid detection by aircraft	C
R-1351	Test of Alsimag Ceramic Insulation Nos. 35 and 196	U
M-1352	Supplement to NRL report M-1301 on intensifying screens for Gamma Ray Photography	U
R-1353	Test of Model DR Direction Finder Equipment	C
P-1354	Aviation Storage (Gasoline) at Pensacola (NAS)	U
M-1355	Studies on solidification and contraction in steel castings-contraction stresses	U
R-1356	Test of Model TAJ-6 transmitting Equipment	C
B-1358	Test of propeller shaft revolution indicator system mfd by the Pitometer Log Corp.	U
B-1359	Test of propeller shaft revolution indicator equipment mfd by the Electric Tachometer Corps	U
P-1360	Report on acid heat of aviation gasolines	U
R-1361	Test of resubmitted Continental Motor-Generator set	U
H-1362	Illumination for Battleship Aircraft night operations, further tests	C
B-1363	Test of wind intensity and direction indicating equipment mfd by the Chas. J. Henschel Co.	U
R-1364	Test of Model TBF transmitting and receiving equipment submitted by the Westinghouse Mfg Co.	C
B-1365	Test on Twin Buzzer submitted by Bendix Marine Products	U
R-1366	Preliminary Models of Model XTRR-1 Receiving Equipment	C
H-1367	Attempts to measure visibility at sea.	C
B-1368	Test of overload transformers submitted by Arma Engineering Co.	U
B-1369	Report on test of bells, vibrating, 4 and 8 inch submitted by Bendix Marine Products Co.	U

*Addenda to report of test of models DP-4, DP-5 and DP-6, DQ-1 Direction finder receivers as given in NRL report R-1347

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1370	NRL Report on Static Direction Finder Research	U
B-1371	Buzzers, Navy Type B1 and A4, submitted by Federal Electric Co.	U
H-1372	Observation of a search light beam at an altitude of 28 Kilometers	U
B-1373	Test of transformer Gun Firing --200 volt-amperes (Jefferson Electric Co.)	U
R-1374	Band Change Switch model TBO and TVO-1 Portable Radio Equipment	U
S-1375	Airdraft Detector for use on Submarines	C
M-1376	The Effect of mass upon the mechanical properties of cast steel	U
B-1377	Test on overload transformers submitted by Bendix Marine Products	U
R-1378	Test of various conductors to determine their adaptability for receiving antenna lead wiring in radion compartments	U
R-1379	Fire extinguishers; foaming agents and generators for foam fire extinguishers.	U
R-1380	Improvements in operation of output limiting devices	U
P-1381	Resistance-temperature curves of salinity solutions.	U
M-1382	Third partial report on the weldability of iron alloys	U
R-1383	Tests to determine practicability of substituting type 38593 for type 38180 rectifier tubes in Model RAL receivers and Model OD vacuum tube analyzer equipments.	U
B-1384	Test on Duplex Horn submitted by Signal Engineering and Mfg. Co.	U
B-1385	Motor operated, time limit remote controlled contact maker by Chas. J. Henschel Co.	U
R-1386	Tests on Model DK Direction Finder Receiver to determine signal-noise characteristics and make recommendations as to any corrective action required on Model DK receivers in service	U
R-1387	Test of Model GO-2 Transmitter submitted by Western Electric Co	C
B-1388	Test on blown-fuse indicator transformers submitted by Arma Eng. Co.	U
M-1389	Method of locating cracks and faults in metallic structural members add machine parts	U
P-1390	The preparation and properties of solidified gasoline (II)	C
P-1391	Use of InFra-Red Absorption Data for showing Presence of Unsturated and Aromatic Components in Aviation Gasoline.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-1392	Storage Batteries X-Ray Studies	U
P-1393	Storage Stability of gasoline 1936-1937	U
P-1394	The Quantitative indentification of the various functional groups present in aviation gasoline.	U
R-1395	Test-ward Leonard Wire Wound Fixed Resistors	U
B-1396	Report of test on Buzzer Type A-3 Submitted by Navy Yard, Portsmouth, N. H.	U
B-1397	Test on Spotlight, Incandescent Submitted by S. H. Thompson Mfg. Co. Dayton, Ohio	U
B-1398	Test of Buzzer-Navy Type B-2 Submitted and Manufactured by Control Instrument Co. 24 Thirty Fourth St. Brooklyn, N.W.	U
B-1399	Test of Sirens-type A-1 submitted by Clark Cooper Co.	U
M-1400	Report of test made with optical stethoscope developed by Dr. Shrader, Drexel Institute.	U
H-1401	Photo-elastic investigation of Stresses surrounding reinforced rectangular deck openings.	C
B-1402	Buzzer, Navy Type B-2 submitted by Clark-cooper	U
B-1403	Navy Type Buzzer 21/2 inch bell and Type A-4 buzzer submitted by Chas. J. Henschel and Co.	U
S-1404	Sound Research and Development with particular reference to tests on the U.S.S. Semmes, July 6, 28, 1937	U
B-1405	Test on Rotary Balance Log System submitted by Pitometer Log Corp.	U
R-1406	Report on test of International Wire Wound Resistors	U
R-1407	Test of band change switch, Model TBR. Addenda to report on Models TBO and TBO-1 Equipments	U
B-1408	Test of sirens types A and B. submitted by E. P. Bullard Co.	U
H-1409	Low visibility camouflage of submarines. Test at sea of June and July 1947	C
P-1410	Gassing Characteristics of flat plate lead-acid storage cells during discharge.	U
B-1411	Tachometer, centrifugal type self-synchronous motor coupling mfd by John Motorola Co.	U
R-1412	Effect of Power Supply Wave Form on Operation of XTBR-1 Receiving Equip.	U
S-1413	Investigation of Turbulence beneath a Destroyer	S

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
R-1414	Test of Harwick-Hindle Wire-wound Resistors	U
R-1415	Test of Westinghouse Total Hour Meter.	U
	1938	
H-1416	Measurement of Brightness of Self Luminous Paint	U
R-1417	Test of Navy Type 30328 Plate Transformer for Model GO Transmitting Equipment mfd. by Standard Transformer Co. of Warren 2, Ohio	U
B-1418	Test of Spotlight, incandescent, submitted by Carpenter Mfg. Co.	U
M-1419	Summary of Research of the Weldability of Iron Alloys	U
M-1420	Steel Casting Design for the Engineer and Foundryman	U
M-1421	Test of Model TBR-1 Radio Equipment	C
B-1422	Test of Spotlight Incandescent mfd. by Sand. M. Lamp Co.	U
M-1423	Gamma Ray Radio of Pipe Welds.	U
M-1424	Gamma Ray Radiography with Eastman double-backed industrial intensifying screen.	U
R-1425	Suggestions for Revision of the Specifications for Ceramic Insulating Materials	U
P-1426	Test of Rubbertex and Chlorinated rubber for Bu of C&R	C
R-1427	Test of Model LM-2 Crystal Frequency Indicator. (Bendix Radio Corp.)	C
M-1328	Magnetic Examination of four plates from Norfolk Navy Yard	U
M-1429	Second Partial Report on Light Armor Investigation	U
R-1430	Weston Wire Wound Voltmeter Multiplier Resistors	U
R-1431	Determination of the Components of the Reverse Current Flowing in the Control Grid Circuit of Negatively Biased Transmitting tubes	U
H-1432	Brightness of the Twilight Sky and Density of the Atmosphere to about 60 Km.	U
R-1433	Preliminary Model XGO-3 Transmitting Equipment (Westinghouse)	U
R-1434	Improvements in the Measurement of the Direct Interelectrode Capacitances of Vacuum Tubes	U
M-1435	Synthetic bonded steel molding sands.	U
B-1436	Contact Makers-Type L-Class I, Clark Cooper Co.	U
R-1437	Losses in radio transmission lines at high frequency.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
O-1438	Third Partial Report on Light Armor Investigation	U
R-1439	Test of Ward Leonard Fixed Resistors Grade I, Class II	U
O-1440	Fourth partial report on light armor investigation of laminated, spaced and compound plates.	U
B-1441	Test on Salinity Indicator Equipment, submitted by Bendix Marine Products Co.	U
H-1442	Tests on Photo-Elastic Investigation of Turret Openings in Deck Structure.	C
M-1443	Partial Report on Studies of Grid Alloys for Submarine Storage Batteries	C
B-1444	Report of Test on Horn, Navy Type H-1 Bendix Marine Products Co.	U
R-1445	Test of Bakelite Vacuum Tube Materials	U
R-1446	A Mathematical analysis of the radiation characteristics of partially shielded antennas.	U
R-1447	The path of a ray of light tangent to the surface of the earth.	U
R-1448	Shipboard Antenna Systems	U
R-1449	Report on Model LD-4 Frequency Measuring Equipment (Preliminary Redesigned Model) submitted by Bendix Radio Corp	U
B-1450	Test on Pitometer Log System for contract suitability in ships SS 188 to SS193 inclusive	U
B-1451	Test on motor operated time limit remote controlled contact maker type K class I., submitted by Clark Cooper Co.	U
R-1452	Test of Model RAM receiving and Model GN transmitting equipment	C
B-1453	Tests on samples of types B-7 and B-8 single stroke chimes - Benjamin Electric Mfg. Co.	U
B-1454	Tests on samples of types B-7 and B-8 single stroke chimes - Federal Electric Co.	U
B-1455	Report of test on Electric Log Equipment for USS SEMMES - mfd by Julian Friez Co.	U
M-1456	Effect of type of deformation on the recrystallization properties of Armco Iron.	U
R-1457	Test on preliminary model XGQ equipment mfd by the Radio Research Co.	C
R-1458	Test of speech input equipment for Model TBL-2 and TBL-3 transmitting equipments	C

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1459	Test of commercial receivers, National Co. types HRO and NC1000 and Hammerlund Mfg. Co. type super-pro, SP110-S Mc Murdo Silver Corp.	U
R-1460	Test of composition and wire wound voltmeter multipliers - Weston Electric Co.	U
R-1461	Vacuum tube capacitance measuring equipment - range .003 to 100 uuf	U
R-1462	Retest of wire wound resistors - IRC CR. A Class II	U
B-1463	Tests of samples of horns types H-3 and H-4, submitted by Federal Electric Co.	U
R-1464	Report on correct capacitance measuring equipment - range Shell Vacuum tubes	U
B-1465	Test on siren type S-3 and S-4, submitted by Federal Electric Co.	U
S-1466	Absorption Coefficients	C
H-1467	Ultra-violet signalling -tests of January 1938	S
M-1468	Effect of heat treatment upon lamination detector readings.	U
B-1469	Test on siren type S-1, S-2 submitted by Federal Electric Co.	U
B-1470	Tests on sirens type S-3 and S-4 submitted by Clark Cooper Co.	U
R-1471	Test of composition resistors for high frequency applications	U
B-1472	Test of low pressure alarm contact maker, type I, Bendix Marine Co.	U
R-1473	Test of Racon Midget Marine Amplifier reproducer	U
M-1474	Progress Report No. II on the fluidity of cast steel	U
R-1475	Model DV direction finder equipment Serial #5 - Bendix Audio Corp.	C
R-1476	Head telephone receiver, type CAU-49003	U
B-1477	Test on salinity indicator equipment submitted by Control Instrument Co.	U
M-1478	Synthetic Bondage steel molding sands	U
N-1479	Progress report on the strength and ductility of steel castings at hot tearing temperatures (1250-1400°)	U
R-1480	Test of Navy type 30318 plate transformers for model GO transmitting equipment mfd. by Standard Transformer co.	U
P-1481	Report on gasoline storage stability - 1937 - 1938	U
R-1482	Report of test of wire wound resistors submitted by the Ward Leonard Electric Co.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1483	Test of type CBM-46061-A amplifier for sub-aqueous echo ranging	C
B-1484	Test on bells, Navy type B-4 and B-6 mfd by Chas. Henschel Co.	U
B-1485	Test of bells, Navy type B-1 and B-2 mfd. by Portsmouth NYd	U
R-1486	Test of multiplier resistance for 250 V. voltmeter submitted by the Weston Electric Instrument Co.	U
R-1487	Test of model DW Radio Direction finder equipment mfd. by the Bendix Radio Corp.	C
B-1488	Report on test of wind intensity indicator system for USS WASP	U
R-1489	Test of impedance matching transformer type CFL-47119, Fred M. Link, Contr.	U
R-1490	Test of Wire wound resistors submitted by the Ohnite Mfg. Co.	U
R-1491	Test of wire round resistors by Hardwick Hindle Co.	U
B-1492	Test of sample of type H-5 motor boat horn exhibited by Control Instrument Co.	U
H-1493	Supplementary report of tests on photo-elastic investigation of turret openings in deck structure.	C
B-1494	Test on horn, Navy type H-2 mfd. and submitted by Benjamin Electric Co.	U
R-1495	Test of Ferris Model 32A interference locator and field strength meter	U
H-1496	Tests at sea - Naval camouflage - May and June 1938	C
B-1497	Indicator motors, Navy type "N" - Bendix Marine Products Corp.	U
R-1498	Model TBP transmitting and receiving equipment mfd. by Westinghouse Electric and Mfg. Co.	C
P-1499	Report on the sensitivity of the qualification of various functional groups present in aviation gasoline - chemical methods	U
P-1500	Report on spectroscopic determination of various functional groups present in aviation gasoline.M-1501	U
M-1501	Report on completely portable radio activity meter requiring no high voltage battery	U
R-1502	Test of model DU direction finder equipment - Bendix Radio Corp.	U
R-1503	Test of model LD-4 frequency measuring equipment submitted by Bendix radio Corporation	U
S-1504	A uni-control system for sound listening and echo-ranging	C

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
	1939	
P-1505	Report on the densities and freezing points of solutions of sodium permanganate	S
M-1506	Installation of NRL Lamination detector at Phila. NYd	U
R-1507	Report on model XTBK-8 transmitting equipment	C
R-1508	Test of preliminary model TBS transmitting equipment (RCA)	C
R-1509	Test of model TBS receiver - RCA contract No. 60613 of 16 May 1938	C
R-1510	Test of type 4SR1A2 Super-regenerative receiver	C
R-1511	The determination of the grid driving power in radio frequency power amplifiers	U
R-1512	Test of samples of ultra-steatite 682	U
R-1513	Test of Mycalex 1364 - General Ceramics Co	U
S-1514	Development of electromagnetic type of underwater sound projector	C
R-1515	Test of filter unit for elimination of key clicks at shore stations	U
R-1516	The determination of conversion conductance at power frequencies	U
R-1517	Study of the problem of detection	U
B-1518	Test on transformer, gun firing 100 volt-amperes submitted by Control Instrument Co	U
H-1519	Experiments with sensitive detectors of ultra-violet and infra-red radiations	S
R-1520	Test of RCA type TMV-75B field intensity meter	U
R-1521	Test of Weston oscillator Model 776	U
H-1522	Photo-elastic study of stress surrounding up-take openings	U
B-1523	Horn, Navy type H-5 submitted by Benjamin Electric Mfg. Co	U
H-1524	Supplementary report on deck stresses surrounding a turret opening	C
R-1525	Test of Model XTBL-4 radio transmitting equipment-RCA	C
H-1526	Photo-elastic Investigation of Stresses in the Main Deck Plating in Way of Uptake openings	U
P-1527	Report on the oxidation and gumming tendency of certain typical component Hydro-carbons of aviation gasoline	U
B-1528	Buzzers, Navy types Z-1 and Z-2 mfd. and submitted by Portsmouth NYD	U
B-1529	Horns, Navy Type H-1 and H-2 mfd. and submitted by Portsmouth NYd	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
B-1529A	Horns, Navy Type H-2 submitted by Portsmouth NYd	U
R-1530	Investigation of an improved design for a break in relay for aircraft transmitter-receiver equipments	U
H-1531	The useful life of radio-active self-luminous material	U
P-1532	Report on Characteristics of Petroleum Thinners available commercially for organic protective coatings	U
B-1533	Test of Horn Navy Type H-2 mfd. and submitted by Federal Electric Co.	U
O-1534	Impact testing with the darts from Caliber .50 AP bullets	C
B-1535	Shaft revolution indicator equipment	U
M-1536	The density of Navol (Hydrogen Peroxide) solutions as dependent on temperature, including a nomogram for rapid determinations	S
R-1537	Determination of interference levels	U
S-1538	Reduction of sound in Diving Helmets	U
B-1539	Test of Sirens types S-1, S-2, S-3 and S-4, submitted by Bullard Co.	U
O-1540	5th Partial report on light armor - the Effect of Yaw upon penetration; The Effect upon Bullets of Penetrating very thin dural sheets and Use of shielding in the form of gratings.	R
P-1541	Report on the Investigation of Lubricating Oil for Naval Use	U
R-1542	Test of Insanol Composition No. 193 submitted by Westinghouse	U
M-1543	Report on Rapid Determination of Oxygen in Steel	U
M-1544	Research on the Weldability of Iron Alloys	U
B-1545	Type K, Class I Motor operated contact Maker, Bendix Aviation Corp.	U
R-1546	Test of two RAG-1 Receiving Equipments	C
M-1547	The Fogging of Photographic Materials by Radiographic Radium	U
R-1548	Receiver Fidelity Test of Understandability of voice reception	U
S-1549	Absorption coefficients of Supersonic sound in sea water.	U
P-1550	Acetone Extraction Bakelite	U
H-1551	Recoil Forces Between Turret and Hatch Openings	C
R-1552	Type K Multi-channel Transmitting and Receiving Equipment mfd. by Aircraft Radio Corporation	C
R-1553	Test of Model XYAQ -5 Radio Transmitting Equipment mfd. by GE	C

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
S-1554	Performance of the Electrodynamic Sound Projector XQD-5	C
P-1555	The Microscopic Examination of Zinc Chromate Primers	U
R-1556	Equipment for Radio Transmission of Electrical Strain Guage Data	R
B-1557	The Report of Test on Wind Intensity Indicators submitted by Julian Friez Co.	U
B-1558	Test of Navy Types B-2 and Z-2 Bell and Buzzer Mfd. by Henschel Corp.	U
R-1559	Development and Test of Gas-Tight Transmission Line Terminals	C
R-1560	Dogardite as a water proofing compound for radio frequency coils	U
M-1561	Progress Report on Use of Chaplets in Steel Castings	U
R-1562	Test of 750 V. DC Voltmeter with Wax-filled Multiplier compartment	U
P-1563	Examination of Experimental Alcohol-gasoline blends	U
R-1564	Medium Frequency Adcock Direction finder and Resistance Goniometer	U
R-1565	Test of Thermometers and Thermostats submitted by the Philadelphia Thermometer Co.	U
B-1566	Qualification Test on Contact Maker Type L Class 1 submitted by Henschel Corp.	U
R-1567	Report on Resubmitted Model XTBK-8 Radio Transmitting Eq. (RCA)	C
P-1568	Third partial report on Chemical Oxygen Sources for Submarine Air Purification	U
M-1569	Research of the Weldability of Iron Alloys (Comparison of V-notched and Tee-bend test specimens)	U
H-1570	Report on Turret gun girder stresses	C
R-1571	Test of Model XRG and XRAP Aircraft Radio Transmitting and Receiving equipment	C
B-1572	Test of General Alarm Contact Maker Type K Class 1 by Bendix	U
P-1573	The Solubility of Water in Hydrocarbons and Gasolines	U
R-1574	The Study of the Operating Characteristics of Shipboard and Antenna systems of intermediate frequencies	C

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No	Title	Classification
R-1575	Observation of night effects on Model CXS Radio Direction Finder below 100 kcs	C
M-1576	Report of welding test 182	U
M-1577	Report on X-ray and Age-hardening Studies on Certain Iron-Cobalt Chromium Alloys	U
P-1578	The preparation and properties of Solidified Gasoline (111)	C
B-1579	Motors, Indicator, Navy Type "N" - Bendix Aviation Corp	U
B-1580	Test of Thermostats - Mercurial Type - Phila. Thermo. Co	U
R-1581	Test of Model XRAS Radio Receiving Equipment	C
S-1582	Equipment and procedure for Standardized Projector performance tests	C
B-1583	Wind Intensity and Direction Indicating Equipment - Henschel Corp	U
	1940	
B-1584	Contact Maker Type L Class 1 and Type N Class 1, (Remote Switching) Viking Instruments Inc	U
H-1585	Naval Camouflage - Tests at Sea - June to September 1939	C
P-1586	The Absorption of Chlorine by Lithium Hydroxide	C
B-1587	Transmitter Generators Navy Types A and B Indicator Motors Navy Types M and N by Henschel Corp	U
B-1587A	Indicator Motors, Navy Type "N" by Henschel Corp	R
R-1588	Test of Westinghouse 5KV. Voltmeter Multiplier Resistor	U
M-1589	Partial Report on Low Expansion Alloys of Main Steam Lines	U
M-1590	Synthetic Molding (steel) Sands	U
O-1591	6th Partial Report on Light Armor. The Dynamics of Armor Penetration by Small projectiles	U
R-1592	Test of Stupakoff #352 Geramic Insulating Material	U
P-1593	Report on some paint compositions applicable to camouflage of fleet aircraft	R
R-1594	Test of Mycalex submitted by Mycalex Corp. of America	U
P-1595	The Spreading Characteristics of Lubricating Oils. Part II - The Effects due to the Pressue of Saturated and Unsaturated Aliphatic Acids	U
R-1596	Test of Radiomarine Corp. of America Receiver AR-8503-Ser. #3922	R

DECLASSIFIED

DECLASSIFIED

[redacted] No.	Title	[redacted] Classification
R-1597	Test of Model TC 67 (T105) Aircraft Radio Transmitting Equipment	U
H-1598	Tests at sea of February 1940 in the Key West area of Visibility of Submarines and Transparency Measurements of Navigable Waters	C
R-1599	Test of Model XTBU Transmitting Equipment (Westinghouse)	C
O-1600	Seventh Partial Report on Light Armor	R
M-1601	Preliminary Report on Embrittlement of Steel by Superheated Steam.	U
H-1602	The Attenuation of Light by Smoke Screen	C
R-1603	The Study of Shipboard Antenna-Trunk Systems	C
R-1604	Test of Model XTBW Transmitting Equipment (Westinghouse)	U
O-1605	Magnetic Search Coil Explorations and Hardness Measurements for Bain Steel Piping	U
R-1606	Calibration Analyses of First Naval District Shore D/F Stations	C
B-1607	Test of "SAL" Electric Log by Bendix Aviation Corp.	U
P-1608	Methods for the Determination of Chlorides in Battery Water	U
M-1609	Progress Report II on use of Chaplets in Steel Castings	U
S-1610	Report on comparative tests of QC, JK adn JL Listing Gear on the U.S.S. Sealion.	C
B-1611	Test on Contact Maker Type N Class 1 (Local Switching) Mfd. by Clark Cooper Co.	U
P-1612	Fourth partial report on oxygen sources; chemical compounds as a source of oxygen for aviators.	U
R-1613	Report on Model XDZ Radio Direction Finder Equipment	C
R-1614	Preliminary report on test of speech input equipment (TBL-4 transmitter) resubmitted model	C
H-1615	Report on the Transmission of Light by Fog	U
R-1616	Test of Model XRAT Aircraft Receiving Equipment, Aircraft Radio Corp.	C
R-1617	Test of Model XTBW Radio Receiving Equipment	C
R-1618	Performance of an Electric-Acoustic SC Tube	C
P-1619	Fifth partial report on chemical oxygen sources for submarine air purification	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
P-1621	Spreading characteristics of Lubricating oils. Part 2, Effects due to the Presence of Alcohols, Phenols, Acids, Ketones & Esters	U
P-1622	Report on Compounded Rubbers and Rubber-Like Materials for Linings in Gasoline Tanks	C
H-1623	Signalling with pulses of light	S
P-1624	Storage stability of high test leaded gasoline in commercial metal drums and tinned containers	U
R-1626	Test of effectiveness of shielding of Models RAA-1, RAB and RAG radio receivers against strong local fields from transmitters	C
B-1627	Report on Test on Horn - Navy Type H-1 Submitted by Navy Yard, Portsmouth, N.H.	U
R-1628	Preliminary Report on Model XDU-1 Radio Direction Finder Equipment submitted by Bendix Radio Corp	C
R-1629	Test of Model GO-4 Transmitting Equip	C
R-1630	Performance Characteristics of Models REA & RFA Equipments	R
R-1631	Electric Log. Equipment Submarine rotary balance type mdf. by Pitometer Log. Corp	R
P-1632	6th Partial report on oxygen pressure apparatus for filling service cylinders for aviators from decomposed bearing materials	U
M-1633	Report on Nickel-Beryllium Alloys	U
R-1634	Test of Model XTAJ-8 Transmitting Equip. (Bendix Radio Corp.)	C
R-1635	Test of Wirewound Resistors submitted by Ohmite Mfg. Co	U
R-1636	Test on Antenna Loop Position Unit mfd. by W.L. Maxson Corp.	U
R-1637	Test of Resubmitted Model XTBL-4 Radio Transmitting Equipment	C
R-1638	Report on radiation characteristics of Vertical antennas with slanting top sections at intermediate frequencies	U
B-1639	Report on Master Indicating-Transmitter type MIT-7 for propeller shaft revolution indicating equipment by Elec. Tachometer Corp.	U
P-1640	The spreading characteristics of lubricating Oil. Part III:	
	1; The effects ; due to the presence of amines, aromatic acids and miscellaneous compounds	
	2; The stability of colored oil films	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
M-1641	Report on a carbon train for control analysis	U
M-1642	Report on the weldability (research) of iron alloys. (A comparison of tests for weldability of 20 low-carbon steels.)	U
B-1643	Horns, Navy Type H-8 submitted by Heinze Elec. Corp.	U
H-1644	Photo-Elastic Studies of Stresses in Aircraft Carrier Bents.	U
B-1645	Report on Horns, Types H-8 and H-9 submitted by Clark Cooper Co.	U
R-1646	Test of Wire Would Resistors Submitted by Hardwick, Hindle, Inc.	U
B-1647	Resonated Horn Type H-3 Manufactured by Bendix Aviation Corporation Marine Division Brooklyn, N.Y.	U
R-1648	Modulator Unit for Model TBM Transmitter as used with Model TBK-9 Transmitter.	C
R-1649	Report on Thermostats and Relays submitted by Philadelphia Termometer Co.	U
M-1650	The Causes for Porosity and Leakage in Non-Ferrous Castings	U
B-1651	Horns, Types H-8 and H-9 submitted by Benjamin Elec. Mfg. Co.	U
R-1652	Measurement of Transmission Characteristics of Shipboard Antenna Systems.	C
M-1653	Accuracy of Gamma-Radiography Experimental Slide Scale Rule Specification of Film for Gamma-Radiography.	U
B-1654	Torpedo and Gun-Firing Transformer Type GF, 200 Va. submitted by Control Instrument Co.	U
B-1655	Sound Powered Throat Microphones submitted by Control, Instrument Co.	U
O-1656	First Partial Report on Magnetic Flaw Detector.(Rotating Type of Flaw Detector)	U
M-1657	Summary Report of the Fluidity of Cast Steel.	U
R-1658	Report on Investigation of Antennas Systems on USS Seadragon, Searaven, Tambor, Trippe and Mayrant.	C
R-1659	Development of a continuously variable single crystal decade frequency oscillation generator.	U
B-1660	Wind Direction & Intensity Indicating Equipment submitted by Julian P. Friez	U
R-1661	Wire Wound Fixed Resistors submitted by Wirt & Co.	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-1662	Progress Report on the Investigation of Self-Sealing Materials for Oil and Fuel Tanks	C
H-1663	Report on Photoelastic Studies of Stress around Openings in plates Reinforced with Coaming	U
R-1664	Test of Collins Type 18M-5 Radio Equipment (Transmitter Portion) Navy Model TCH Equipment	C
R-1665	Report on Investigation of Model XTBU Transmitter Operation using Representative Antennas	C
R-1666	Report on Test of TBK-9 Transmitting Equipment	C
M-1667	Minimum Distance Requirements in Gamma Radiography I	U
B-1668	Motor Boat Horns, Type H-5a submitted by Benjamin Elec. Mfg. Co	U
R-1669	Report on the Submerged Reception of Radio Frequency Signals	U
S-1670	The effect of water conditions on the propagation of supersonic under-water sound	U
R-1671	Notes on the calculation of Capacity of Intermediate Frequency Antennas	U
R-1672	Report on Western Elec. 226C	U
R-1673	Report on Jefferson-Travis Model 250B 25 Watt Radio Telephone Equipment	U
B-1674	Test of Motor Boat Horns Type H5 submitted by Benjamin Elec. Mfg. Co	U
R-1675	Report on Model RAV Receiving Equip. submitted by Aircraft Corp	C
R-1676	Test of Radio Marine Type ET-8021 30 Watt Radio Telephone Equip	C
H-1677	Photoelastic investigation of stresses indeck plating with rectangular openings reinforced by doublers	C
B-1678	Test on Horn Type H-4 submitted by Federal Elec. Co	U
B-1679	Tachometer Type B Class A submitted by Henry H. Sticht	U
P-1680	Preliminary Study of resin and poisons to determine their applicability to anti-fouling compositions	U
	1941	
B-1681	Navy Type H-1 Horns submitted by Benjamin Elec. Mfg. Co	U
B-1682	Horns Type H-3 submitted by Federal Elec. Co	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
O-1683	Second partial report on magnetic flaw detector.	U
O-1684	Scale Model Tests for High Pressure, High Temp. Steam Piping.	U
R-1685	Comparison report on tests of Western Elec. Type 226C, Radiomarine Type Et-8021, Jefferson-Travis Model 250B, (Commercial Radio Telephone Equips	C
P-1686	The use of metallic powders for surface sea markers.	U
R-1687	Model ZB Homing Adapter by Graybar Elec. Co.	U
P-1689	First partial report on the identification of anti-aircraft projectile bursts.	C
R-1690	Tests of Model RUH Ultra-High Freq. Receiving Equipments mfd. by Radio Receptor Co., Unc	U
P-1691	The Seventh Partial - Report on Oxygen Source Material. Absorption of Carbon Dioxide and Liberation of Oxygen from Alkaki Oxides on the Sub. USS S-30	U
H-1692	Report on Metallic fluoride. Films of Low Reflectivity	R
R-1683	Report of Test of Isolatite Nos 100 and 200	U
R-1694	Test of Model 500D Radio Telephone Equipment (50 Watts) Mfg. by Jefferson-Travis Co. NYC	C
P-1695	Report on the Relation of Water from Humid Atmospheres On the Corrosive Action of Foreign Deposits on Aluminum and its Alloys.	U
R-1696	Test of Collins Type 18M-5 Radio Equipt. (Receiver Portion) Model TCH Equipment Collins Radio Co. Cedar Rapids Iowa (Contractor).	C
B-1697	Electric Log Equipment Submitted by Bendix Aviation Corp. Marine Division,- Brooklyn, N. Y.	U
M-1698	Partial Report on Studies of Grid Alloys for Submarine Storage Batteries	C
P-1699	Report on Self-Sealing Materials for Lubricating Oil Tanks of Military Aircraft.	U
R-1700	Test on Radiomarine Type ET 8021-B Radio Telephone Equipment	C
P-1701	Ninth Partial Report on Oxygen Source Material Properties and Reactions of the Alkali Oxides	U
P-1702	Eighth Partial Report on Oxygen Source Compounds Laboratory and Canister Tests on Alkali Oxides	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-1703	Report on the NRL Dissolved Oxygen Indicator for Continuous Analysis of Boiler Feedwaters	U
B-1704	Type H-7 Fog Horn (Hand operated) Clark Cooper Co	U
M-1705	Partial Report on Synthetic Steel (Bonded) Molding Sands	U
O-1706	Report on Propeller Shaft Torque Fluctuations on the U. S. Tug Wahtah Part 1	U
R-1707	Investigations of Self-Supporting Telescopic Vertical Antenna for use on BB55 & 56	C
M-1708	The Austempering of STS Armor Plate; Report on	U
R-1709	Tests of Model XRAX Patrol Plane Radio Receiving Equipment Gen. Elect. Co.	U
R-1710	Test of Model GO-7 Transmitting Equipment	U
M-1711	Radiographic Tests on XF4U-1 Engine Mount, SAE 4340 Steels	U
M-1712	Studies on Lead Marking in Radiographic Films and its Prevention	U
B-1713	Type H-3 Horn; Resonated Bendix Aviation Corp Marine Division	U
R-1714	Keying Characteristics of Station NSS	U
B-1715	Watertight Bell, 115 V.D.C. Edwards & Co., Inc.	U
B-1716	Type H-5a Motbr Boat Horn Fed. Elect. Co.	U
R-1717	Test of Underwater Reception of Low Frequency Radio Signals	C
R-1718	Report on Test on AN Connectors (Was Report #R-1688 before being reqriteen 4-4-41)	U
P-1719	A Preliminary Report on the Storage Characteristics and Stability of Safety Fuels	U
P-1720	The Solubility of Gums in Hydrocarbons at Emperatures Ranging from 22° F. to 110° F.	U
H-1721	Report on Flexible rollers and Flexible Roller Path for Main Battery Turrets	U
S-1722	Report on The Velocity of Sound in Sea Water	U
S-1723	Report on A Photoelastic Analysis of the Stresses in Fatique Test Specimens	U
R-1724	Test of Communication Co. 50 Watt Radio Telephone Equipment	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
B-1725	Report of Test on Condensers 0.45 mfd. Submitted by Julien P. Friez & Sons, Baltimore, Md	U
R-1726	Report on Test of Lucite Loops	U
R-1727	Report on Test of Model XTBT Transmitting Equipment	U
R-1728	Report on Type XAO and XAQ Superfrequency Transmitting Equipment	U
R-1729	Report of Test on Insulating Material #408 submitted by Stupakoff Ceramic Co	U
R-1730	Test of Model XTBT Speaker - Amplifier Unit	U
M-1731	Report on the Development, Operation and Foundry Application of the Spiral Fluidity Mold for Measuring of Cast Steel	U
R-1732	Report of Test of Insulating Material E-1499 - Submitted by Westinghouse Electric and Manufacturing Co	U
R-1733	Report of Test of Steatite Boyd 2484 Submitted by General Ceramic Co	U
R-1734	Notes on the Analysis & Measurement of Intermediate Frequency Shipboard Antenna Systems	R
B-1735	Report of Test on Synchronous Motors, Capacitor Type - Mfg by The Holtzer-Cabot Elect. Co. - Submitted by the Electric Tachometer Corp., Phila. Pa	U
R-1736	Report on Test of Tupe RA-46125 Exp. Models of Superfreq. Radio Receivers for Single & Double Modulation. A part of Model XAP Equip	U
R-1737	Report on Development of Type RA-46125 Experimental Models of Superfrequency Radio Receivers for Single and Double Modulation. (A Part of Model XAP Equip)	C
R-1738	Report on Test of Model XRAQ Radio Receiving Equipment	U
R-1739	Tests of Model CXAR Aircraft Radio Transmitting Equip. Mfg. by Bendix Radio Corp.	U
P-1740	Report on A Study of Organic Coatings for the Camouflage of Fleet Aircraft	R
P-1741	Report on the Characteristics of Benzol and Blends Aromatic Gasolines	U
B-1742	Report on Test on Navy Type H-5 Horn Submitted by Red. Elec. Co	U
B-1743	Report of Test on Navy Type H-3 Horn Fed. Elec. Co	U
P-1744	Report on the Preparation of Uranium Hexafluoride	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
O-1745	Eighth Partial Report on Light Armor: The Performance of Bullet-proof Steel and Aluminum Alloys Against Small Caliber AP Bullets and The Effect Upon Plate Performance of Bullet Fracture and Obliquity.	C
R-1746	Report on a Study of the Coupling between 2 Conductors in a Common Trunk at the Intermediate Frequencies	U
M-1747	Report on Welding and Properties of Welded Tubing of the SAE x4130 Composition	U
R-1748	Report on Test of Yardeny Remote Control System	U
O-1749	Report on Scale Model Tests for High Pressure High-Temperature Steam Piping-Second Partial Report	U
R-1750	Report on Test of Radiomarine Type Et-8010-CA 200 Watt Radio Telegraph Equipments - 350 to 500 kc	U
M-1751	Summary Report on Low Expansion Alloys	U
R 1752	Report on Test of Communications Co., Inc. Model 67A Radio Telephone Equipment	U
R-1753	Tests of Model AVR-50 Aircraft Radio Receiving Equipment Mfgd. by RCA.	U
R-1754	Test of Insulating Material Type No. 302	U
R-1755	Report on Tests of Directive Characteristics of Antenna Array of Model YE Homing Equip.	U
R-1756	Report of Tube Parameters Vs.Frequency in the Navy Type TBK Transmitter	U
B-1757	Underwater Electric Log. Equip. Bendix Aviation Corp.	U
R-1758	Report on Test of Radiomarine Type ET-8019 200 Watt Radio telegraph Equip.	U
O-1759	Torsional Characteristics of Propeller Shafts of USS North Carolina; Report on	U
O-1760	Report on Propeller Shaft Torque Fluctuations on the U.S. Tug Wahtah Part 2	U
R-1761	Report on Test of Model RAR Radio Receiving Equipment	U
O-1762	Report on Torsional Characteristic of Propeller Shafts of USS Washington	U
M-1763	Report on Preparation of Duplicate X-Ray Radiographs Using Calcium Tungstate Intensifying Screens	U
R-1764	Report on Test of Model TCD Transmitting Equipment	U
S-1765	Analysis of Ships Propeller Sounds; Preliminary Report on	S

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1766	Report on Investigation of resubmitted Model XTBU Transmitting Equipment	U
B-1767	Benjamin Horns Types H-8 & H-9, Benjamin Elect Mfg. Co.	U
B-1768	Air Horn - Westinghouse Type E-2 Pneuphonic, Westinghouse Air Brake Co.	U
B-1769	Air Horn - Kahlenberg, Kahlenberg Brothers Co.	U
M-1770	Report on Research on the Weldability of Iron Alloys (Weldability Test of Nickel Steels)	U
R-1771	Report of Test of Westinghouse 3 & 5 Kilovolt Voltmeter Multiplier Resistors	U
R-1772	Report on Test of Model YE Homing Transmitting Equipment (RCA)	C
B-1773	Navy Type H-5 Horn EA Laboratories, Inc.	U
H-1774	Auxiliary Report on Turret Gun Girder Stresses	U
B-1775	Navy Type H-5 Horn, Sparks-Withington Co.	U
S-1776	Analysis of Methods and Means of Anti-submarine Attack	R
B-1777	Horns, Short Projector, Types H-8 & H-9, Benjamin Electric Mfg. Co.	U
O-1778	Ninth Partial Report on Light Armor	R
R-1779	Report on Test of I.R.C. 3 & 5 Kilovolt Voltmeter Multiplier Resistors	U
R-1780	Report of Test on Weston 3 & 5 Kilovolt Voltmeter Multiplier Resistors	U
R-1781	Report on Test of Two 3-Kilovolt Voltmeter Multiplier Resistors (Sprague Specialties Co.)	U
B-1782	Report of Test on Navy Types Z-1 and Z-2 Buzzers - - Fed. Elect. Co., Chicago	U
M-1783	Report on The Use of Blind Heads in the Manufacture of Steel Castings	U
P-1784	Report on Storage Stability of Aviation Gasoline and the Stability of Storage Vessels	U
M-1785	Partial Report on The Mechanical and Ballistic Properties of Iron-Manganese Alloys.	C
R-1786	Report of Test on Six Wire Wound Fixed Resistors - Sprague Specialties Co.	U
B-1787	Report of Test on Horns - Type H-1, Benjamin Elect. Mfg. Co.	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No.	Title	Classification
H-1788	First Report on Seeing Stars in Daylight	C
R-1789	Report of Test of Preselector Serial 4101 for Radiomarine Corp of America Receiver AR-8503, Serial 4110	R
B-1790	Report of Test on Contact Maker, Type N, (Local Switching) - Viking Instr. Incorp.	U
B-1790-A	Report of Test on Contact Maker, Type N, (Local Switching) - Viking Instr. Inc.	U
R-1791	Report of Test on Six Wire Wound Fixed Resistors - IRC	U
O-1792	Third Partial Report on Eddy-Current Type Flaw Detectors Tests of Spot-Welds in Aluminum Alloys	U
S-1793	Report on Generation, Reception, and Properties of Damped Supersonic Waves	C
R-1794	Report on Ship to Ship Pulse Recognition System	S
B-1795	Report of Test on Sirens, Types S1, S2, S3 & S4 - Clark Cooper Co.	U
R-1796	Report on Investigation In Measurement on USS North Carolina	R
R-1797	Report of Inspection on Radio Receiving Antenna & Transmission Line System, and Radio Direction Finder Equipment as Installed on USS North Carolina	U
R-1798	Report on Test of Model AVT-50 Transmitting Equipment	U
M-1799	Report on Electrical Device for Rapid Inspection with Gamma Rays and X-Rays	U
M-1800	Report on Geiger Counter Technique	U
M-1801	Report on Exposure Meter for X-Ray and Gamma Ray Radiography	U
M-1802	Report on Development and Testing of Bomb Whistles	R
S-1803	A Theoretical Study of the Speed of Fall of Depth Charges in Water	R
P-1804	Report on Marking Devices for the Rescue of Personnel Forced Down at Sea. Metallic Powders and Dyes	U
P-1805	Progress Report on Method of Test for Deep Drying Insulating Varnishes	U
O-1806	Report on Torque and Power Measurements on the Propeller Shafts of the USS Dahlgren	U
R-1807	Report on Comparative Consideration of Performance Characteristics of Existing Ultra-High Freq. Radio Receivers (For Official Use Only)	

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1808	Report on Development of a Surge Generator for Determining Receiver Recovery time Constant from Surge Inputs	U
B-1809	Report of Test on Blown Fuse Transformers Bendix Aviation Corp	U
B-1810	Report of Test on Bell, Type B-4 Edwards and Company, Inc.	U
R-1811	Report of Test of Six Wire Wound Resistors, Ward Leonard Elec. Co.	U
R-1812	Report of Test of Six Wire Wound Fixed Resistors, Utah Radio Products Co.	
B-1813	Report of Test on Copper-Oxide Battery Charger, General Electric Co	U
R-1814	Report of Test of Six Wire Wound Resistors, Sprague Specialties Co.	U
P-1815	Progress in the study of Anti-Fouling Compositions for the Protection of Flying Boat Hull Bottoms, Alexander and King	U
H-1816	Report of Test on the use of Plastic Models in Elastic Studies A Study of the Aircraft Carrier Bent Models	U
R-1817	Report of Test on Six Wire Wound Fixed Resistors, Sprague Specialties Co.	U
R-1818	Test of Insulating Material #792, Corning Glass Works	U
R-1819	Report of Development of a Switch and Method for AVC Measurement	U
P-1820	The Evaluation of Six Experimental Anti-Fouling Coatings, Submitted by the Goodyear Tire and Rubber Company	U
M-1821	Partial Report on Low Carbon Iron Alloys	U
M-1822	Partial Report on Chromizing of Steels	U
B-1823	Report of Test on Indicator Motors, Type "N" submitted by, Henschel Corp., Amesbury, Mass.	
R-1824	7/8" O.D. Coaxial Ceramic Insulated Transmission Line and Fittings	U
H-1825	Second Report on Daylight Observation of Stars and Planets, Some Optical Details	U
R-1826	Report on Hallicrafter Model S27 Receiver	U
R-1827	Report on Test of Federal Telegraph Company Model 128A, Receiver #41625	U

1942

M-1828	Report on use of Lead Filters in X-Ray Radiography of Steel Sections in the Range 100-220 KCI. Study of effective ranges	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
O-1829	Report on Scale Model Tests for High Pressure High Temperature Steam Piping. Third Partial Report	U
B-1830	Report of Test on Tachometer, Type B, Class b, - Corbin Screw Corp., New Britain, Conn.	U
P-1831	Report on Method of Determination of the Penetration of H S Vapor through Protective Clothing	C
B-1832	Horns Type H-8 and H-9 Benjamin Elect. Co.	U
B-1833	Thermostats Types GM - 105° F. and GS - 150° F.	U
R-1834	Report on Test of Type AR88 Receiving Equipment - RCA	U
M-1835	Partial Report on The Mechanical Properties of Manganese-Copper Alloys (Vibration Damping Capacity and Electrical Resistance)	U
R-1836	Report on Test of Model TBL-5 Radio Transmitting Equip. - Westinghouse	U
O-1837	4th Partial Report on Eddy Current Type Flaw Detectors.	U
R-1838	Six Wire Wound Fixed Resistors	U
R-1839	Report on Test of Type P-540 Radio Receiving Equipment made by General Radio Co.	U
R-1840	Report on Test of Model N-S27C Radio Receiver made by the Hallicrafters Co.	U
B-1841	Report on Blown-Fuse Transformers (RCA Mfg. Co.)	U
M-1842	Report on the Influence of Heat Treatment on the Magnetic Properties of Some Armor-Plate Steels of the "N-A-X" and "STS" Types.	U
M-1843	Report on Comparative Tests on Commercial Radiographic Films for Naval Use	U
R-1844	Test on Insulating Material, Body No. 2532, General Ceramic Co.	U
R-1845	Report on Test of Model TCQ Transmitting and Receiving Equip. Higgins Industries, Inc.	U
R-1846	Electrical Properties of Coaxial Transmission Lines for High Power Applications	U
B-1847	Report of Test on Navy Types B-1, B-2, B-5 and B-6 Bells, B-7 and B-8 Bar Chimes, H-1 and H-2 Horns, and Z-1 and Z-2 Buzzers Edwards and Co.	U
H-1848	Third Report on Daylight Observation of Stars and Planets. Daylight Sky Brightness and Visibility of Stars at Various Altitudes above sea level.	C

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-1849	A New Method for the Study of the Oxidation Stability and Corrosiveness of Lubricating Oils	U
M-1850	Preliminary Report on the Effect of Alloying Elements on the Hardenability of Steel.	U
R-1851	Test on Insulating M.terial. Victor Insulator Incorp.	U
B-1852	Test on Type C - Class "a" Tachometer. Corbin Screw Corp.	U
P-1853	Report on a Physical Test Method for Determining the Degree of Impregnation of Asbestos Rovings in FP and HF Type Electric Cables.	U
R-1854	Report of Test of Twelve Wire Wound Fixed Resistors. Ward Leonard Elect. Co.	U
R-1855	Report on Tests of Model CXAR Aircraft Transmitting Equipment. Bendix Radio Corp. of Balto., Md.	U
B-1856	Report on Test on Bells, Types CV10, CVX10, and CSWT10. Signal Engineering and Mfg. Co., N.Y.	U
P-1857	Report on The Onan Gasoline Engine Installation at the Naval Research Laboratory for Oil and Gasoline Tests.	U
R-1858	Report of Test of Six Wire Wound Fixed Resistors. Hardwick, Hindle, Inc.	U
R-1859	Report of Test of 5 Kilovolt Voltmeter Multiplier Resistors. Sprague Specialties Co.	U
P-1860	Report on a Study of the Compatibility of Silosyn - Lacquer Mixture	U
M-1861	Partial Report on the substitution of Manganese for Nickel in STS Armor Plate	U
R-1862	"A Phantom" Target for use with Radar Equipment.	U
R-1863	Report on Hazard to Security of Naval Vessels from Radio Receiver Radiation.	U
R-1864	Report on Tests of Model CXAP Aircraft Transmitting Equipment. Mfg. by Westinghouse Elect. & Mfg. Co., of Baltimore Md.	U
P-1865	Report on a Study of Tcmperature Indicating Paints	U
R-1866	Report on Test of Model TCS Transmitting Equipment. Contractor - Collins Radio Corp.	C
P-1867	Report on Investigation of Chloromides for use on Protective Clothing	C

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-1868	Report on A Study of the Fyrite O - 5% CO_2 Indicator for the Purpose of Improving the Design and Operating Instruction to make it Suitable for Use aboard Submarines.	U
R-1869	Report of Test on Insulating Material. The National Porcelain Co. (Natite #150)	U
M-1870	Report on Research on the Weldability of Iron Alloys. (A Correlation of Tests for Weldability and Calculated Hardenability for Carbon - Manganese Steels.)	U
R-1871	Report on Test of Insulating Material. Electronics Mechanics Inc.	U
P-1872	Report on A Method for the Estimation of the Aromaticity of Aviation Gasolines.	U
R-1873	Report of Test of Six Wire Wound Fixed Resistors. Sprague Specialties Co.	U
P-1874	Report on A Substitute for Aluminum Powder in the Tinting of Zinc Chromate Primer	U
R-1875	Test of Isolantite 300. Isolantite Inc.	U
M-1876	Report on the Effects of Cold Working on the Magnetic Properties of Some Austenitic Manganese Steels	U
P-1877	Report on a Study of the Dwyer and Friez O to 5% Carbon Dioxide Indicators to Determine their Suitability for Naval use.	U
P-1877	A, Report on A Study of the Dwyer Zero to Five Percent Carbon Dioxide Indicator to Determine its Suitability for Naval Use.	U
P-1877	B, Report on A Study of the Friez Zero to Five Percent Carbon Dioxide Indicator to Determine its Suitability for Naval Use	U
R-1878	Report on Coupling between Antennas at Intermediate Frequencies	U
B-1879	Report of Test on Salinity Indicator Equip.	U
B-1880	Report of Test on Buzzer, Navy Type Z-2, Pressure-proof	U
R-1881	Test on Mercury in Glass Thermostats. Elect. Glass Co., Hatsboro, Pa.	U
S-1882	Report on An Underwater Loud-Speaker for Audio Frequencies Model X-2	U
R-1883	Weston Transmitting Tubes Tester Model 786-2. Weston Electrical Instrument Corp.	U
B-1884	Report of Test on Gun Firing Transformer - Type GF-200V.A. Standard Transformer Co.	U
R-1885	3 and 5 Kilovolt Multiplier Resistor. International Resistance Co.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
M-1886	Report on Sensitive Geiger-Muller Counters for Detection of Gamma Rays	U
H-1887	Report on Low Visibility Painting of Lighter than Air Craft.	C
M-1888	The Calculation of the Tensile Strength of Normalized Steels from their Chemical Composition	U
B-1889	Test on Buzzers, Navy Types Z-1 Pressure-proof and Water-tight Edwards & Company, Norwalk, Conn.	U
R-1890	Report on the Proximity Effect of A Metallic Fence on a Navy Type DJ Direction Finder	U
P-1891	Method of Test for Deep Drying Insulating Varnishes	U
O-1892	Tenth Partial Report on Light Armor	R
B-1893	Test on Contact Makers, Types "L" & "N". Fulton Sylphon Co., Knoxville, Tenn.	U
R-1894	Philco Beacon Marker Receiver BC-357-C and Detrola Beacon Marker Receiver EG-M.	U
P-1895	The Evaluation of Several Aromatic Fuel Resistant Slushing compounds.	U
R-1896	The Performance of the British FH-3 and the International Telephone & Radio Laboratories Crossed Loop Type High Frequency Direction Finders (Aboard USS Corry DD 463)	U
-1897	No Report	
P-1898	Report on Prophylaxis and Treatment of Burns Caused by Chemical Warfare Agents (1) Treatment of Mustard Burns with S-461 Ointment in a Series of Controlled Experiments on Human Subjects.	C
P-1899	Report on Prophylaxis and Treatment of Burns Caused by Chemical Warfare Agents (2) Prophylaxis, as Applied to Preventions of Burns by Liquid Mustard with S-461 Ointment.	C
S-1900	Under Water Loud-Speaker for Low Audio Frequencies Model X-3.	U
B-1901	Horn, Navy Type H-7, Defiance Alloyed Prod. Co.	U
P-1902	Sabotage Agents for Use in Lubricating Oils for Internal Combustion Engines.	C
P-1903	The Determination of Stibine in Submarine Storage Battery Gases.	U
P-1904	Eleventh Partial Report on Oxygen Source Material. Use of the Alkali Oxides in Canisters for Submarine Air Purification.	U
B-1905	Report of Test on Annunciator - Nine Drop. Henschel Corp.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1906	Report on Fairchild Ultra High Frequency Receiver, Model F-100	U
R-1907	Report on Test of Model TDE Radio Transmitting Equipment. Westinghouse Elec. & Mfg. Co.	U
S-1908	An Analysis of The Anti-Submarine Warfare Problem from the Standpoint of Underwater Acoustics.	R
M-1909	Summary Report of Preparation of Radiographic Standards	U
B-1910	Test on Frequency Control Equipment Contract Nos. 81045 Bendix Aviation Corp., Marine Div.	U
M-1911	Research on the Weldability of Iron Alloys	U
B-1912	Test on Fire Alarm Equipment. (Four Unit Supervisory Annunciator) Edwards & Co., Norwalk, Conn.	U
R-1913	Test of Six Wire Wound Fixed Resistors. Hardwick, Hindle, Inc.	U
P-1914	Substitutes for Toluene for Use with Organic Coatings.	U
R-1915	Test on LT Equipment	U
R-1916	Poor Reception of the Transmissions from the Annapolis High Power Radio Station in the Vicinity of Newport, Rhode Island.	U
R-1917	Tests of Model SCR-522-T2 Ultra High Freq. Equipment. Bendix Radio Corp., Towson, Md.	U
R-1918	Test on Insulating Material. Lapp Insulator Co.	U
O-1919	First Partial Report on Precipitation Static Problem	C
R-1920	Test on Insulating Material, No. XM11478 (Micanol).	U
R-1921	Test on Model TCY Portable Emergency Transmitting Equipment. Federal Telegraph Co.	U
R-1922	Text of Type CXBG Radio Receiving Equip. made by Panoramic Radio Corp.	U
O-1923	Fifth Partial Report on Eddy Current Type Flaw Detectors Application to Inspection of Aluminum Alloy Propeller Blades.	U
S-1924	Performance Tests of Underwater Loud-Speaker Model X-3. (Supplement to NRL Report #S-1900)	U
M-1925	Research on the Weldability of Iron Alloys (Weldability Tests and Calculated Hardenability for 42 Carbon-Manganese Steels)	U
O-1926	Mine Detection by Magnetic Induction Methods	C
R-1927	Test on Insulating Material Steatite Nos. 1713 & 1717. General Elec. Co.	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL
Classification

No.	Title	
R-1928	Test on Insulating Material, Dilectene, No. 100. Continental-Diamond Fibre Co.	U
R-1929	Test on Insulting Material (Prestite). Westinghouse Electric and Mfg. Co.	U
P-1930	Wetting and Spreading Agents for Cleaning Water Surfaces of Oil Films	U
P-1931	Tenth Partial Report on Oxygen Source Material Operation of Pilot Plant for Production of Mixed Oxides of Potassium and Sodium.	U
R-1932	Cancelled	
P-1933	A Survey of Proposed Methods for Rapid Evaluation of the Protective Capacity of Impregnated Clothing	C
P-1934	A Study of Glass Sealers	U
M-1935	Summary Report of Low Alloy Copper Cast Steel	U
R-1936	Tests of Insulating Material, Body Mix #158 & 32. Ohio Brass Co.	U
R-1937	Test of Model SC-1 Radar Equipment. G. E. Co	C
R-1938	Specifications for Minimum Direction Finder Site Requirements.	U
R-1939	Test on Insulating Material Steatite No. 1. Star Porcelain Co.	U
R-1940	Test on SX-1 and TX Insulating Material. Louthan Mfg. Co.	U
R-1941	Test of M. F. Formica, Insulating Material. Formica Insulation Co.	U
R-1942	Test on Insulating Material. Maryland Lava Co.	U
R-1943	A Pulse "Phantom" Target for Use with Radar and IFF Equipment	R
P-1944	The use of RH-195 for the Decontamination of HS and M-1	C
R-1945	Poor Reception of NSS Fox Schedules (18 KC) in the Vicinity of Norfolk, Va.	C
P-1946	A Study of the MSA Hydrogen Eliminator V to Determine its Operating Characteristics	R
R-1947	Test of Six Wire wound Style A Fixed Resistors. Hardwick, Hindle and Co.	U
R-1948	The Plan Position Indicator	C
R-1949	Test on Head Telephone Receivers Type 49016, Head Bands Type 49028 and Diaphragms Type 49033.	U
O-1950	Detection and Location of Concealed Microphone Wires for Inter-Departmental Distribution.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-1951	Tests of Components for Models RBM, RBM-1 and RBM-2 Receiving Equipments.	U
S-1952	The Shock Produced by a Collapsing Cavity in Water	U
P-1953	Prophylaxis and Treatment of Burns Caused by Chemical Warfare Agents. (3) Prophylaxis of M-1 Burns with Modified S-461 Ointment.	C
P-1954	Sabotage Agents for Use in Lubricants and Fuels for Internal Combustion Engines. Part II	C
R-1955	Tests of the Bell Laboratories & Arma Corp. Automatic Radar Equip. used in conjunction with a Mark 37 Director, Mark 1, Model 2 Computer and a Mark 4 Radar System.	R
M-1956	First Partial Report on the Heat Treatment of Stockless Anchors.	U
P-1957	Gould Type ULX-65 Submarine Storage Battery Cell #18 from the USS S-45.	U
O-1958	Scale Model Tests of Main Steam Piping of AN1, USS Monitor	U
S-1959	The A-B-C's of Anti-Submarine Warfare	R
R-1960	Test of Model TBK-12 Radio Transmitting Equipment RCA Mfg. Co.	U
P-1961	A Method for the Evaluation of the abrasion Resistance of Aeroplane Propeller Finishes	U
O-1962	Light Weight H.I. Shock Machine Acceleration Measurements on Typical Auxiliary Mounting Arrangements.	R
B-1963	Test on Horns, Proposed Types H-10, H-11, H-12 and H-13 Defiance Alloyed Products Co.	U
B-1964	Test on Transformers, Type GF Westinghouse Elec. & Mfg. Co.	U
O-1965	High Impact Shock Instrumentation and Measurements, First Partial Report	U
P-1966	Method of Measuring Penetration Time for Deep Drying Insulating Varnishes	U
B-1967	Test on Contact Makers - Types "L" and "N". Detroit Lubricator Co.	U
B-1968	Test on Underwater Electric Log Equip. Contract Nos. 86224 Consolidated Inst. Corp.	U
P-1969	An Investigation of Infra-Red Reflecting Paints	U
O-1970	A Vacuum Tube Current Amplifier for Inter-Departmental Distribution	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No.	Title	Classification
P-1971	A Comparative Study of the British, NRL, and CWS Methods for Measurement of HS Vapor Penetration through Protective Clothing	C
R-1972	Test on Insulating Material. Birnbach Radio Co.	U
R-1973	Test on Insulting Material, Crolite No. 29. Henry L. Crowley and Company, Inc.	U
	1943	
R-1974	Test of British Type 291 Radar Equip.	C
R-1975	Test on Insulating Material, Centralab Cordierite Type 400. Globe Union Co.	U
R-1976	Test of Model YG Homing Beacon Equip. RCA Mfg. Co.	R
O-1977	Progress Report on Liquid Thermal Diffusion Research	S
B-1978	Test on Buzzers, Types Z-1 & Z-2, Benjamin Elect. & Mfg. Co.	U
B-1979	Test of Noise and Output Limiters.	U
O-1980	Location of Armor for Pilot Protection	R
O-1981	Second Partial Report on Liquid Thermal Diffusion	S
B-1982	Test on Annunciator - 25 Drop. Bendix Aviation Corp., Marine Div., Brooklyn N.Y.	U
R-1983	Report of Test on Head Telephone Receivers. Nathaniel Baldwin Laboratories	U
P-1984	Spreading Agents for Clearing Water Surface of Oil Film - Part II.	U
R-1985	Test of XBC Radio Beacon Equipment	U
P-1986	A Study of the Pauling Oxygen Meter Toward its Possible Adaptation to Naval Use.	R
P-1987	Reflection Reducing Coatings for Transparent Plastic Surfaces.	U
R-1988	Test on Insulating Material Locketite. Locke Insulator Corp.	U
H-1989	The Optics of Paints: The Spectral Reflectivity of Commercial Infra-Red Reflecting Deck Paints to 2.5 Microns; Second part on.	U
R-1990	Test on Insulating Material. Maryland Lava Co.	U
B-1991	Test on Tachometer, Commercial Type Ideal Commutator Dresser Co.	U
B-1992	Test on Horn, Navy Type H-7, Defiance Alloyed Prod. Co.	U
B-1993	Test on Horns, Types H-3 and H-4. Schwarze Elect. Co., Adrian, Mich.	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
B-1994	Test on Horn, Navy Type H-5A. Federal Elect. Co.	U
P-1995	(No Report)	
R-1996	Preliminary Report of Anti-Aircraft Fire Control Studies - Testing Methods and Apparatus	U
P-1997	The Prevention of Fogging of Optics in P Submarine Periscopes.	U
P-1998	A General Survey of the Use of Methyl Bromide as a Fire Extinguishing Agent.	U
P-1999	Twelfth Partial Report on Oxygen Source Material. Burning of Potassium Metal to Potassium Tetroxide with a DeVilbiss Spray Gun.	U
P-1999A	Supplement to 12th Partial Report on Oxygen Source Material. Burning of Potassium Metal to Potassium Tetroxide with a De-Vilbiss Spray Gun.	U
P-2000	Progress Report on Protective Clothing	C
B-2001	Test on Contact Maker, Type N (Local Switching). United Electric Controls Co.	U
B-2002	Test on Contact Maker - Type L. United Electric Controls Co.	U
M-2003	Progress Report on the causes of Porosity and Leakage in non-ferrous castings. (Foundry details for 3rd stage cylinder $7\frac{1}{2}$ cu. ft. High Pressure air compressor)	U
B-2004	Test on Horns, Navy Types H-5 & H-5A. Schwarze Elec. Co.	U
B-2005	Test on Horn, Type H-3 and H-4 (Combined). Federal Elect. Co., Inc.	U
B-2006	Temporary Camouflage Paints for use on Naval Aircraft.	U
R-2007	Test of Model XTCK Radio Transmitting Equipment	U
P-2008	Second Report on Reflection Reducing Coatings for Glass and Transparent Plastic Surfaces.	U
P-2009	A Method for the study of the Hydrolysis of Organic Fluorine and Chlorine Compounds, submitted for use as Non-Inflammable Hydraulic Oils	U
B-2010	Test on Tachometer, Type B, Class b., Stewart-Warner Corp.	U
P-2011	Investigation of Methods for the Production Met. Potassuum	U
H-2012	The Electron Microscope	U
M-2013	Progress Report on The Causes for Porosity and Leakage in Non-Ferrous Castings (the effect of replacing tin by nickel on the porosity, mechanical properties and corrosion resistance of tin bronze)	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-2014	Test on Insulating Material. Louthan Mfg. Co	U
B-2015	Test on Bell, Navy Type B-2, Schwarze Electric Co.	U
B-2016	Test on Bell, Navy Type B-3, Schwarze Electric Co.	U
B-2017	Test on Horns, Types H-1 & H-2, Schwarze Electric Co.	U
B-2018	Test on Buzzers, Types Z-1 and Z-2, WT, Schwarze Elec. Co.	U
B-2019	Properties and Welding of Aircraft Tubing and Plate of the SAE X4340 Composition	U
M-2020	Second Partial Report on The Mechanical and Ballistic Properties of Low Carbon Iron-Manganese Alloys	C
P-2021	Determination of Perchlorates in Submarine Storage Battery Electrolyte	U
P-2022	Preliminary Report on Tests of Reflecting Material as a Radar Countermeasure	R
R-2023	(No Report)	
H-2024	The Optics of Paints; The Emissivity of Navy Aluminum Paints Type A and Type B and of Inside Granular Pigment Paints	U
O-2025	Second Partial Report on the Precipitation-Static Problem	R
P-2026	13th Partial Report on Oxygen Source Materials. The Production of Potassium from Potassium Carbonate.	U
H-2027	Ultraviolet Counters - Application to a Fire Alarm	U
H-2028	An Exposure Meter for Radiography.	U
R-2029	Test on Head Telephone Receivers, Headband and Cord. Permoflux Corporation	U
P-2030	First Report on Progress in the Study of Organic Protective Finishes for Plywood Airplanes and Gliders	U
M-2031	1st Partial Report on the Stress Relief of Steel Castings. Relaxation of Plain Carbon Cast Steel	U
S-2032	Underwater Sound Pressures beneath a Ship-Mounted Source as a Function of Bottom Impedance	C
M-2033	Colorimetric Determination of Chromium in Steel	U
H-2034	Effectiveness of Photoflash Lamps for Destroying Dark Adaptation.	C
H-2035	Dark Adaptation Time to Become Dark Adapted after Stimulation by Various Brightnesses and Colors	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
M-2036	Radon Leakage from Navy Radium Capsules	U
M-2037	Effect of Iron Inclusions in Asbestos on Electrical Characteristics of Insulating Material - Detection of Iron Particles by X-Radiography	U
R-2038	Test of Models TBY-1 and TBY-2 Radio Transmitting Equipments. Westinghouse Elect. & Mft. Co., Colonial Radio Co.	C
P-2039	A Method for the Separation and Analysis of Aromatic Fractions of Aviation Gasoline	U
H-2040	Improvements in Reflector Sights and their use for Night Fighting Aircraft	C
B-2041	Test on Horns, Types H-8 & H-9. Fed. Elect. Co.	U
B-2042	Homtype H-9 Federal Electric Co. Qualification Tests of Develop (Cancelled)	U
B-2043	HornsType H-3; (Two Designs) Test of, Sparks-Withington Co.	U
B-2044	Test on Horns, Type H-4. Sparks-Withington Co.	U
R-2045	Systems Test of the Models ASG and XASG Radar Equipments Philco Co.	U
R-2046	Report of Test on Insulating Material Porcelain Enamel and Mfg. Co.	U
O-2047	Third Partial Report on Liquid Thermal Diffusion Research Theory of Isotope Separation by Thermal Diffusion -1. Single Column.	S
R-2048	Effect of Painting Type 327A and 227A Transmitting Tubes for Blackout purposes	U
R-2049	Report of Test on Head Telephone Receivers, Type 49016; Head Bands, Type 49028; Diaphragms, Type 49033; Telephone Cord and Plug Type C-49064. Telephonics Corp., N.Y.	U
M-2050	First Partial Report on NRL Shock-Fracture Test for Welded Joints in Armor	R
R-2051	Test on Insulating Material. Hartford Faience Co.	U
P-2052	A Study of Rubber Preservatives	U
P-2053	Second Report on a Study of Aromatic Fuel Resistant Tank Lining Compound	U
B-2054	Test on Switches, Multipole Rotary. Arrow-Hart & Megeman Co.	U
P-2055	Aqueous Impregnating Systems of Chlorinated Paraffin and Impregnite S-145.	C

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
O-2057	Gage for Measuring the Thickness of Paint or any Insulating Material which overlies a Non-Magnetic Metal	U
P-2058	Dash-pot Fluid for Stablized Bombing Approach Equipment	U
R-2059	Preliminary Report of Plot Room Television System	R
P-2060	Variation of Properties of Glycerol - Water Recoil Fluids O. S. 1324 and O.D. No. 1914 with Temperature	U
H-2061	Fourth Report on Daylight Observation of Stars and Planets (A Sextant with bubble viewed by one eye and celestial body by the other)	C
P-2062	The Effect of Chlorinated Saturants on the Mechanical and Electrical Properties of Polyvinyl Chloride Type Insultion	U
P-2063	Substitutes for Toluidine Red Pigment	U
R-2064	Test of the Model CXBR Radar	U
P-2065	The Resistance of Impermeable Materials to Penetration by Liquid Vesicant Agents	C
B-2066	Test on Synchronous Motors, Non-Excited Type. Holtzer - Cabot Elect. Co.	U
H-2067	Portable Ultra-Violet Lantern	U
O-2068	Eleventh Partial Report on Light Armor. Yaw Versus Bullet Protection for Homogeneous Steel Armor Plates, Tipping Screen Data, and a Discussion of 24 ST Aluminum Deflector Plates	R
H-2069	Geiger Counter Detector of Radioactive Ink	S
P-2070	A Summary of a Literature and Patent Search on Synthetic Drying Oils	U
R-2071	Report of Test of Six Wire Wound Style A Grade 1 Class II Fixed Resistors, Ward Leonard Electric Co.	U
P-2072	The Development of Improved Petroleum Larvacides for Mosquito Control	U
R-2073	Model CXBX Radar Equipment Test. Section 2. (Thurston, Trans)	U
B-2074	Cancelled	
B-2075	Viscosity Breakdown of Oils	U
S-2076	The Reflection of a Sound Pulse Normally Incident in a Liquid Medium upon a Plane Solid Plate	U
B-2077	Test on Switch, Rotary, Type J. Burkaw Elect. Co.	U
B-2078	Test on Transformer, Type GF, 100 V.A. G.E. Co.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-2079	General Facility and Constructional Requirement for the Model DAJ Direction Finder Installation	U
B-2080	Test on Annunciators - Four Drop. Edwards and Co., Norwalk, Conn.	U
R-2081	Operational Tests of Special "Chaff" Developed by Radio Research Laboratory, Harvard University. (Supplementary Information for RRL Engineers Harvard University, Cambridge, Mass.)	R
B-2082	Test on Contact Maker, Type L. Henschel Corp.	U
B-2083	Test on Horn, Proposed Types H-10 and H-11. (Manufacturer's Type WP-1) Maslo Marine Mfg. Co., Reading, Pa.	U
B-2084	Report of Test on Engine Order Telegraph System Removed from U.S.S. Lafayette (AP 53)	U
O-2085	Hardness and Ballistic Performance of Six Face Hardened Armor Plates	C
P-2086	The Development of False Target Shell Mark I	C
M-2087	Partial Report on the Effect of Alloying Elements on the Hardenability of Steel	U
R-2088	Mark 10 Model 2 Radar Transmitting Equip. Electrical and Mechanical Tests	U
R-2089	Tests of the Mark 11 Fire Control Radar Equipment - Reproduction Model No. 2, G. E. Co.	R
B-2090	Report of Test on Contact Maker, Type K-2 Submitted by Betts and Betts Corp., N.Y.	U
B-2091	Cancelled	
M-2092	The Effect of Quenching Temperature on the Results of the End-Quench Hardenability (Jamming) Test	U
R-2093	Tests of the Model SF Radar Contractor - The Submarine Signal Co.	U
R-2094	Tests of the Model SE Radar Serial No. 1	U
R-2095	The Design and Development of an Effective Wide-Range Airborne Radar Jamming Equipment	U
P-2096	Second report on A Method for the Estimation of the Aromaticity of Aviation Gasolines	U
S-2097	The German Sound-Controlled Torpedo. An Analysis of its Probable Mode and Range of operations and of suitable Counter-Measures	R

DECLASSIFIED

DECLASSIFIED

No.	Title	[redacted] Classification
B-2098	Report of Test on: Transfer, Type GF, 200 VA, Submitted by Dongan Electric Co., Detroit, Mich.	U
R-2099	Effects on Shipboard of HF DF, Radar and Homing Performance Installing of their Antennas on A Common Mast.	R
P-2100	(No Report)	
P-2101	Investigation of Methyl Silicone Polymer Fluids	U
R-2102	Operational Tests of Model MA Radar Eq. - Westinghouse Elec. and Mfg. Co.	U
B-2103	Test on Horn, Type H-5A Sparks - Withington Co.	U
B-2104	Test on Bells, Type B-1 and B-2 - Federal Electric Inc.	U
B-2105	Test on Shatterbond Coating, Wilbur and Williams Co.	U
P-2106	Fourteenth partial Report on Oxygen Source Material	U
M-2107	Determination of Germanium in Steel	U
O-2108	Scale Model Tests of High Temperature, high pressure steam piping - CV-9 Class Vessel	U
P-2109	A Report on the Chemical De-leading of Gasoline	U
P-2110	(No Report)	
P-2111	No Stencils - Report printed - Insulating Material, G.E. Co.	U
R-2112	Second Report of Test on Insulating Material submitted by Hartford Faience Co.	U
S-2113	The Propagation of Underwater Sound at Low Frequencies as a Function of the Acoustic Properties of the Bottom	U
B-2114	Propeller Shaft Revolution Indicator System	U
R-2115	Model CXCK Pulse Communication equipment - test of	R
R-2116	Tests of the Mark 9 Radar Equipment	U
B-2117	Report on test of plywood pedestal submitted by Frank Snedaker & Co.	U
B-2118	Report of test on Bell, Type B-3 By Auth Elec. Specialty Co.	U
B-2119	Report of test of Bell, type B-4, Schwarze Electric Co.	U
R-2120	Report of test on Insulating Material Submitted by Victor Insulators.	U
R-2121	Report of Test of Insulating Material, submitted by Porcelain Insulator Co.	U

DECLASSIFIED

DECLASSIFIED

No.	Type	Classification
H-2122	The Optics of Paints - The Emissivity at 700 F. of Sherwin - Williams, McCloskey and Dupont Heat Resisting Aluminum Paints	U
M-2123	Report on heat Treatment of Stockless Anchors	U
P-2124	A Study of Impregnite Particle Size	C
P-2125	A Study of Perclene (Tetrachloroethylene) as a solvent for use in the Decontamination of airplanes	C
P-2126	(No Report)	
O-2127	4th Partial report on Liquid Thermal Diffusion Research	S
R-2128	Report of Test on Insulating Material, Submitted by Pass and Seymore	U
P-2129	Preliminary Investigation of the Silver Oxide Zinc Alkali Primary Battery	U
P-2130	A Method of Production and Determination of Small Quantities of Stibine	U
M-2131	Effects of Tin and Lead on Manganese Bronze; Dezincafication of Manganese Bronze	U
R-2132	Report of Insulating Material Mouldarta - Westinghouse Co.	U
R-2133	Report of Test of Insulating Material - General Ceramics and Steatite Corp.	U
R-2134	Report of test on Head telephone receivers - type 49016, Head Band type 49028, Diaphragm, type 49033; cord type 49012C and Plug Type 49034.	U
B-2135	Tachometer - Type C, Class A - Sun Mfg. Co.	U
R-2136	Test of Six wire Wound Style A Grade II Fixed Resistors	U
R-2137	First report of Operational Tests on Gun Director Mk. 50 Mod. 0	C
R-2138	Report of Test on Insulating Material Submitted by Star Porcelain Co.	U
M-2139	Report on the Mechanical Properties of Several National Emergency (NE) Steels	U
H-2140	Report on Optics of Paints - Spectral Reflectivity of Phila., Pa. Infra-red reflecting Deck Paints	U
P-2141	First Report on the Replacment of Tung oil in Navy Aeronautical Finishing Materials - Zinc Chromate Primer	U
M-2142	Method of Casting Steel Torpedo Parts	U
R-2143	Survey of Techniques for Very-high and Ultra-high frequency Direction Finder.	R

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
R-2144	Tests of SH Radar Equipment	U
R-2145	Report of Test of Insulating Material - Illinois Electric Porcelain Co.	U
R-2146	Report on Investigation of Shock and Vibration Effects on the Mk. 4 Radar Equipment	U
M-2147	Hardness Measurement as a Method of Determining Carbon Contest of Carbon and Low Alloy Steels	U
R-2148	Tests of Insulating Material #302 submitted by Globe Union Inc.	U
M-2149	Research on the Weldability of Iron Alloys Weldability tests of Silicon-Manganese Steels	U
M-2150	Calculation on the Tensile Strength of Slowly Cooled Steels from the Chemical Composition	U
B-2151	Thermocote Protective Coating - Thermocote Co.	U
R-2152	Model TBA-10 Transmitting Equipment - G. E. Co.	U
P-2153	The Fourteenth Partial Report on Oxygen Source Compounds - Review of Canister Developmental Tests using Alkali Oxides	U
M-2154	First Partial Report on Controlled Welding of Medium Steels	U
P-2155	Nature and Chemical Stability of Halowax Compounds	U
R-2156	Anti-jam Receivers	R
R-2157	Shock and Vibration investigation of Mark 4 Radar Equipment (Main Frame)	U
R-2158	Modification of Design of Duty Cyclometer	U
M-2159	The Effect of Inclusions upon the Ballistic Performance of $1\frac{1}{2}$ and $2\frac{1}{2}$ inch armor plate	C
R-2160	Systems Tests of the SL Radar	U
R-2161	Multi-Engine Synchronizer for Aircraft	U
S-2162	A Pressure-Actuated Device for Arming Mines	S
M-2163	Second Partial Report on NRL Shock Fracture test for Welded joints in connection with welding test #302	U
B-2164	Transformer - Type GF - 200 VA - Westinghouse Electric and Mfg. Co.	U
P-2165	The Laboratory Evaluations of Hydraulic Oils I - Methods for Inflammability Test	U

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
B-2166	Wind Intensity Indicating System type "C" - Friez Instrument Div. of Bendix Aviation Corp.	U
B-2167	Horns - Type H-3 and H-4 - Edwards and Co.	U
B-2168	Cancelled	
B-2169	Cancelled	
P-2170	Development of Perchloric Acid Battery for Use with the Marine Corps Transceiver	U
R-2171	Test of Model CXCA Radar Equipment - G. E. Co	R
B-2172	Velocity Type Pick-up for Linear Motion	U
B-2173	Cancelled	
P-2174	Detection and Behavior in Engines of Sabotage Agents and Contaminants such as Waxes, Gums, and Resins introduced into gasoline	U
H-2175	Equipment and Procedure for Testing Near Infra-red Receivers	S
B-2176	Hydrodynamic Shock Test on Submarine Underwater Electric Log Equipment	C
P-2177	A Method for the Evaluation of the Polishing Abrasion Resistance of Non-Specular Finishes	U
P-2178	Report on Further Studies of MSA Hydrogen Eliminator V	R
S-2179	Hydrophone Calibration by Explosion Waves	U
H-2180	Temperature Gradients in Modled Shapes of Corning Infra-red Transmitting Glass	S
P-2181	Final Report on Substitutes for Toluidine Red Pigment	U
P-2182	A Study of the Subsurface Method of Application for the Extinguishment of Fuel Oil Tank Fires	U
R-2183	Japanese Radar Equipment - C.E.E. 211 - Captured on Guadalcanal	R
R-2184	Japanese Radar Equipment - C.E.E. 3088 - Captured on Attu	R
P-2185	Protective Coatings for Magnesium Alloys	U
R-2186	Model XBZ(YN) Radio Transmitting Equipment	U
R-2187	Jamming Tests at Casco Bay	R
P-2188	Second Report on Progress in the Study of Protective Finished for Plywood Airplanes and Gliders	U
B-2189	Cancelled	

DECLASSIFIED

DECLASSIFIED

No [redacted]	Title	CONFIDENTIAL Classification [redacted]
R-2190	An Ultra-high Frequency Aircraft Receiver using an Electronic Power Supply	U
O-2191	Statistical Effects in the Testing of Materials	U
O-2192	Second Report on Tensile Tests of Class B Armor Steel with Special Reference to Size Effects	C
R-2193	Test of Model YG-1 Homing Beacon Equipment	R
R02194	Test of Maintenance of True Bearing Attachment for Model YG Homing Beacon Equipment	R
P-2195	Heat Reflecting Coatings for Plywood Airplanes and Gliders	U
R-2196	Notes of the General Design of Model XBZ(YN) Radio Transmitting Equipment	R
R-2197	Test of a Frequency Stabilized Master Oscillator	U
M-2198	Interpretation of Notched-Bar Impact Tests	U
H-2199	Near Infra-Red Filter Investigations, Part I Infra-Red Transmission, Part 2, Visual Transmission.	S
O-2200	Generating Voltmeter Circuit	C
R-2201	Study of the Radiation Patterns of the CW-66 AAH Antenna Modified F.D. Radar Equip.	R
R-2202	Preliminary Report on Model XQZ Radio Transmitting Equip.	U
R-2203	Resistance to Thermal Change Correlation Tests of Ceramic Insulating Material.	U
R-2204	Construction of a mark 3, BL Antenna kit for use with SC & SC-1	R
O-2205	Closed cycle operating characteristics of a Diesel Engine	C
P-2206	Oleophobic Films adsorbed from Oil Solutions.	U
R-2207	8-84 Tube as a Noise Source	U
P-2208	Chamber tests with human subjects 1. Design & Operation of Chamber 11. Initial tests of Navy Issue Protective Clothing against Vapor	C
O-2209	Liquid filled Seismic type Velocity Meters	U
H-2210	Optics of Distilled Water and Natural Water	U
P-2211	Chloromide Paste systems for Decontamin ation of Vesicants.	C
R-2212	The 884 Gas Tube as a Noise Source. (Finley)	U
R-2213	Antenna Duplexing	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
	1944	
H-2214	Exposure Meter for Radiography - No. 3. Characteristics of Radiation from One Million Volt X-Ray Generator.	U
R-2215	Tests of Ins. material submitted by Corning Glass Works.	U
O-2216	Statistical effects of Tensile Testing of Copper.	U
R-2217	Captured German Balloon Borne Radar Decoy - CEE3442.	R
H-2218	Non-Destructive Method for Measuring Wall thickness of Pipe from One Side.	U
P-2219	Chamber tests with human subjects #3, design operation Calibration of chamber for exposing forearms to H Vapor	C
R-2220	Captured Jap Cables	U
R-2221	Test of a Special Model DP Direction Finder Equipment Incorporating a Balance Amplifier.	U
B-2222	Salinity Indicating Equipment	U
P-2223	Critical evaluation of the performance of the Army M-9 Chemical Warfare agents vapor detector kit.	C
R-2224	Tests of the Mark 8 Radar Equipment	R
R-2225	Tests of model SC-2 systems test - Sec. 1	U
H-2226	Effect of Cathode Ray Tube Screens on Night Vision	U
P-2227	Investigation of Silicon Polymer Fluids. Part II. Chem. & Physical properties of Importance, in connection with their uses as lubricants or hydraulic fluids.	U
M-2228	Causes of Porosity and leakage in Non-Ferrous castings (foundry detail for fuel boosterpump)	U
R-2229	Interpolates Charts for HF-DF Shipboard Calibration.	U
P-2230	First partial report on Chemistry for use as shark repellants.	U
H-2231	Experiments with a light under water: Optical signalling ranges and visibility in the sea.	C
R-2232	Radar Cross Section of Ship Targets, 11	C
M-2233	The Suitability of a Black Iron Oxide Coating for Chaplets and Interhal Chills.	U
R-2234	Jamming Tests at Chesapeake Bay Station, 13, 14 January 1944	R
H-2235	Geiger Counter Technique for X-Ray Difraction. Part 1- Spec. for Power Difractions Patterns.	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
O-2236	Scale Model Tests of High-Temperature High-Pressure Steam Piping AV7 Class Vessel	U
M-2237	Weldability test of high tensile steel (Lukins Steel Co.) BuShips welding test No. 325.	U
R-2238	A Schering Bridge Method of Corona Detection in Cables.	U
R-2239	Chamber tests with human subjects - 4: Tests of Carbon Clothing against H Vapor	C
R-2240	Antennas for Guided Missles Counter-measures on Destroyer Escorts	U
R-2241	Report on General Instructions for Guided Missile Countermeasure Systems.	R
M-2242	Investigation of Controlled Postheating for Welding of Medium Alloy and Aircraft Steels.	U
O-2243	3rd Partial report on precipitation static.	R
P-2244	Further investigation of silver oxide zinc alkali cell	U
O-2245	Second progress report on size effect in Slow Bend Tests of NI-CR Armor	U
H-2246	Geiger-Counter Tec. for X-Ray diffraction Part 2, methods of determining thickness of their coatings.	U
H-2247	Test at Cove Point of General Motors Radiant Heat Detector in Tracking Landing Craft.	S
H-2248	Test at sea of the general motors radiant Heat director in tracking destroyers	S
H-2249	Infra-red radiation from targets LCT and LCI employed in trails of ship detectors at Cape Henlopen, 21 to 24 Feb. 1944	S
P-2250	Effect of Various Pigments on the Electrical Properties of synthetic resin insulation	U
R-2251	Antennas for Guided Missiles Counter-Measures on DD-425 and DD-427	U
R-2252	Intercept Ranges against SD Radar	R
R-2253	Improved Antenna for Model YL(XBC) Radio Beacon Equipment	R
R-2254	Tests of Radio Sets SCR 608-A, SCR 609, and SCR 610 U.S. Army F-M Equipment	U
M-2255	Molding and Casting Techniques for Lightweight Anchors	U
O-2256	6th partial report on Eddy Current Flaw Detectors	U
P-2257	Report on reflection reducing coatings for Optical Surfaces	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
M-2258	Research on the Weldability of Iron Alloys. Effect of Electrode Diameter on T-Bend Results	U
R-2259	Development of Broad Band Amplifier and Modifications of RDA Radio Receiver Equipment	U
R-2260	Additional Jamming Tests Made at the Chesapeake Bay Annex	C
R-2261	A Directional MK 3 IFF Antenna for use with the Mk 4 Radar Equip	R
O-2262	Effect of Plate Temperature upon the Performance of Homogeneous Armor	R
O-2263	Velocity loss of one half inch Model Projectile when it penetrates 1/32 inch cold-rolled sheet steel	R
M-2264	Utilization of Fired Cartridge Cases	U
R-2265	Radio tests of proposed Model TCS Transmitter unit and Type COL 20218, Power Unit	U
H-2266	A Summary of Measurements on Infra-Red Decoys for Homing Missiles, October 1943 to March 1944	S
O-2267	Some considerations concerning Vibration Machines and Vibration Measurements	U
R-2268	Model DBC and DBC-1 Direction Finding Equipment	R
P-2269	2nd Report on the Progress in the Study of Antifouling compositions for Protection of Flying Boat Hull Bottom	U
P-2270	Procedure for the estimation of Meta-Para-Cresols in their binary mixture and in ternary mixture with guaiacal	U
O-2271	Fourth partial report on the Precipitation Static problem, Being a Progress Report on Minneapolis Investigation	R
H-2272	Atmospheric transmission of Infra-red Radiation: Hulburt	U
P-2273	Properties of Carbide and Carbon Synthetic Polymer B-O-100 Fluids of interest of lubrication and hydraulics	U
P-2274	2nd report on replacement of Tung Oil in resins to be used in Navy Aeronautical finishing materials	U
O-2275	Longitudinal Vibrations of a Projectile during Armor Penetration	U
O-2276	Measurement of Forces which resist Penetration of STS Armor, Mild Steel and 24 ST Aluminum	R
M-2277	Weldability Tests of High Tensile Steel (Elimination of Cracking Tendency in Welding Navy High Tensile Steel). BuShips, Welding test No. 325	U
H-2278	Photometer for Night Visual Range of Light Lock Openings	C

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2279	Radar Search Model SC-3 Type Tests of Transm. Equip. (Sec. 2)	U
O-2280	Fifth Partial Report on Precipitation-Static Problem	R
O-2281	Sixth Partial Report on Precipitation Static. (Holmes)	R
O-2282	Eddy Current Method for Inspection of Shell Cases.	U
B-2283	Dummy Log-Type DL-40	U
B-2284	(No Report)	
R-2285	Investigation of the REL Model 575-BC Loran Transmitter	U
M-2286	Use of Induction Furnace for Melting Non-Ferrous Alloys No Stencils	U
P-2287	Report on Progress on Standard Paints and Finishes for Radio and Underwater Sound Gear.	U
P-2288	Spectrophometric determination percent conjugation of drying oils	U
R-2289	Features of Design, Preparation and use of Naval Window	C
O-2290	Penetration of Face Hardened Bullet Proof Armour by Solid Cal. 27 Bullet	R
R-2291	Modification and Tests of Model CXFR Jamming Transmitter	R
P-2292	Identity Tests for Plasticizers of type used in Polyvinyl Chloride Plastics	U
O-2293	Influence of Durability of Impact or Damage to Some Elastic System	U
R-2294	Installation and Operation of Mk4 and Mk1 Ser. 285 Radar Equipment USS MURPHY DD 603	R
R-2295	Radar Cross Section of Ship Targets #3	C
O-2296	3rd Progress report on size effect in Slow Bend Test on Ni-Cr. Steel	U
P-2297	A Study of Chlorinated Paraffin as the Binding Agent for Protective Clothing Impregnated by the Aqueous Process	C
0-2298	Influence of Electric Field on Aerodynamic Drag Coefficient	U
R-2299	Test of Experimental Model of an Electronic Chronometer, Serial 3	U
P-2300	A Study of S-330 as an Impregnite for Permeable Protective Clothing	C
M-2301	The Hardenability of Cast Steel	R
M-2302	Substitute Solders of 85-15 Lead-Tin types	U
H-2303	Some Devices for Measuring Atmospheric Attenuation of Light	R

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2304	A 700 MC Experimental Jammer Modulated at I.F. Frequency	R
S-2305	Relative Pressure Measurements in Shock Waves from Small Underwater Explosions	U
M-2306	3rd Partial Report on NRL Shock Fracture Test for Welded Joints in connection with Welding Tests #302	U
P-2307	Characteristics of Perchloric Acid Battery	U
P-2308	The Laboratory Evaluation of Hydraulic Oils II. Inflammability characteristics	U
O-2309	Seventh partial report on Precipitation-Static Problem	R
M-2310	Report on Steel Castings for Aircraft	U
P-2311	Third progress report on finishes for Ply Wood aircraft and gliders	U
R-2312	Antenna Pattern Measurements on USS Mt. McKinley (AGC-7)	R
R-2313	Radio-RCM Development of 100 McChick Unit, Prob. S135R-S (Fraser)	R
P-2314	Submarine Hydrogen detectors (White)	U
P-2315	Evolution of Hydrogen from dry cells and methods of preventing of explosions in closed Battery containers	U
R-2316	Notes on the Modification of the Models YE & YG Homing Beacon Equip. for Increased Security	R
O-2317	1st partial report on The Characteristics on Short Radius Tube Bends	R
R-2318	Comparison of Models CXCR-1 Portable Radio Transmitting-Receiving Equips	U
P-2319	Report on Rain Repellant Coatings	U
P-2320	Small scale gasoline engine test using the Carbide and Carbon Chemical Corporation's new synthetic lubricant. 250B-0-100	U
M-2321	Report on molding sand testing technique-investigation of effect of rammer support on physical properties.	U
P-2322	Evaluation of Activated Carbon as an Anti-Vesicant Agent in Protective Clothing	C
R-2323	Antenna Pattern Measurements on USS Wasatch AGC-9	R
R-2324	Antenna Pattern Measurement on U.S.S. Mt. Olumpus. (AGC-8)	R
M-2325	Partial report on weldability test of High Tensile Steel. (BuShips Welding Test No. 324 & 325)	U
R-2326	An Amplifier Standardizing Aircraft Interphone Equipment	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2327	Model DBB & CXGA Direction Finding Equipment	R
M-2328	3rd partial report on the Thermal Behavior & mechanical properties of Iron Manganese & Iron-Manganese-Nickel alloys	C
P-2329	The storage stability of aviation gasoline in copper flashed drums	U
R-2330	Report on the Development and test of Model TEA Jamming Transmitter	U
O-2331	First partial report on Projectile shock on aircraft armor supports	C
R-2332	Report on Radar Cross Section of Ship Targets IV	C
R-2333	TDY Jamming Tests	R
P-2334	16th Partial Report on Oxygen Source Material. Potassium Production by a Reduction of Sodium & Potassium Salts	U
M-2335	Design for Test Coupons for Steel Casting	U
M-2336	The Thermit Process for the Production of Steel for Castings	U
R-2337	A comparison of two proposed MK 111-G IFF Antennas for use with Model SM Radar	R
R-2338	List of Model TDT VHF Trans. Equip.	U
H-2339	Chemical treatment of silver chloride sheets to produce filters transmitting the far infra-red	U
M-2340	A High speed dialometer and the transformational behavior of Six Steels (BuShips welding test No. 329)	U
M-2341	Chemical analysis of manganese bronze	U
P-2342	The Vapor Lock and Freezing Point of De-Icing Fluids	U
P-2343	Tropical Wearing Trials of Protective Clothing	C
P-2344	First Report of Progress on Development of Test Method for Estimating Solvent Power and Aromatic and Nyshthenic Content of Thinners used in Navy Aeronautical Finishes	U
B-2345	(No Report)	
R-2346	Measurement of Ground Constants by wave tilt using horizontal polarization	U
R-2347	Analysis of Japanese Airborne Radar Equipment Captured at Holland on 22 April 1944	U
H-2348	Atmospheric transmission of Infrared Radiation	S
R-2349	"A Lobe Switching Mark III IFF Antenna For Mark IV Radar Equipment"	R
R-2350	Development of Mark 3 IFF Antenna for Mark XII Radar	R

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No	Title	Classification
R-2351	S-Band Window	C
M-2352	Research on Weldability of Iron Alloys - The bead-weld nick-bend test for weldability	U
M-2353	Partial report on research on the weldability of iron alloy development of manganese silicon high tensile steels	U
B-2354	Salinity Indicating Equipment - Blake Marine Co	U
B-2355	Salinity Indicating Equipment - Instrument Lab. Inc	U
R-2356	Development of an Adaptor to give simultaneous radar and D.F. Signals on PPI on the radar systems	U
M-2357	The Causes for Porosity and Leakage in Non-Ferrous castings	U
M-2358	Model TSO Transmitter equipment	U
P-2359	A method of Analysis for Antioxident in the new synthetic B-O-100 Lubricants	U
B-2360	Underwater Log Equipment Impeller type - Bendix Aviation	U
R-2361	German Ground Radar Equipment Transmitter T-106	R
O-2362	Depth Charge tests of USS DRAGONET (SS 293)-Displacements, relative maximum displacements, and impact measurements	C
M-2363	Relaxation of NAX-9115 and SAE-4130 Alloy Steels	U
P-2364	Report on Controlled Laboratory Experiment to compare lesions resulting from applications of Lewisite Nitrogen Mustard Gases to the Skin of the Forearms of humans	C
R-2365	Guided Missiles Countermeasures Band C Antenna	U
R-2366	Report on Radio Assault Beacon	R
R-2367	Operational performance of special radio facilities aboard air Rescue Boat	R
R-2368	Audio-frequency Sweep equipment	C
P-2369	Report on recommendations for specifications covering wrinkle finishes for radio and radar equipment	U
R-2370	Development of Search Antennas for 75-300 Mcx and 300-1000 Mcs band	U
P-2371	Coatings of Low and High Reflectivity for Optical Surfaces	U
O-2372	Vibration of long beams caused by transverse impacts	R
P-2373	Final Report on the use of Chemical Materials as shark repellents	U

DECLASSIFIED

DECLASSIFIED

[redacted] CONFIDENTIAL [redacted]
Classification

No	Title	
M-2374	Causes of porosity and leakage in non-ferrous castings	U
M-2375	Investigation of Aluminum Silver Alloys System - Mechanical Properties Age Hardening, and Corrosion Resistance of some aluminum alloys containing two to three percent of silver	U
O-2376	Some Dynamic Hardness Tests on Plastics	R
O-2377	Electrical Resistance Changes in Fine Wires Subjected to Plastic and Elastic Elongations	U
P-2378	Progress Report on Thermol Inc. and corrosion protection of range finders. (No Stencils)	U
M-2379	Weldability tests of cast steels-research on weldability of iron alloys	U
R-2380	Investigation of methods for the simplifications of carrier frequency measures on the AN/APR-1 and AN/SPR-1 Receiver	U
R-2381	Preliminary Tests of Model AN/SPT-6 jamming transmitter	C
R-2382	Preliminary test of A Doppler Device of observing through window on the Mark IV	C
R-2383	Type Test of AN/APA-17A Airborne Radar direction finding equipment	U
R-2384	Report of Type Test Model AN/CPN-6 Transpondor Beacon Equipment	
R-2385	(No Report)	
R-2386	Test of CXGA Shipborne Radar Direction finding equipment	R
P-2387	A Study of Materials for Sea Markers	U
R-2388	Test of AN/APA-17 Airborne Radar Direction finding equipment	U
P-2389	The Anodic Behavior of zinc alloys used to protect steel and sea water	U
R-2390	Tests of captured German Wanze G-2 Panoramic receiver and circler Dipole Antenna	R
M-2391	The Effect of Boron Trichoride Gas, Tin, Lead, and Iron on the grain size and mechanical properties of manganese bronze	U
R-2392	Investigation of anti-jam receivers for search radar	C
M-2393	Iron Manganese Nickel Alloys for heavy armor and forgings	U
R-2394	Study of the vulnerability of Radar Mk. 3 and 4 to enemy countermeasures	U
R-2395	Evaluation propeller modulation and doppler modulations countermeasure to window	U
R-2396	Project Dropped	

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
M-2397	The cause of Porosity and Leakage in non-ferrous castings	U
R-2398	Development of Magnetron transmitter for jamming in the Range of 80-380 mcs	R
M-2399	Causes of Porosity and Leakage in Non-ferrous casting - A Summary of the Literature on these effects of gases in Bronze	U
R-2400	Antenna Pattern measurements on USCGC Spencer (PG)	R
R-2401	A Periodic Range Delay Circuit X Band Automatic Radar	S
R-2402	X B Band (project Dropped 11-5-46)	S
H-2403	Approximate Theory of low reflecting films	U
M-2404	Heat Treatment of Cathode Ray Tube Shields	U
M-2405	Survey of Published Methods suitable for the Determination of gases in Brass and Bronze	U
P-2406	Wearing Trials of Protective clothing at Camp Le Jeune, N.C.	C
R-2407	Model EF-4 Gas Engine Generator Equipment	U
R-2408	Infra-red radiation by USS Breeman during test at sea of SSD	C
R-2409	N-21 RS "Jitterbug"	S
R-2410	Model TCS Equipment Keying Tests	U
R-2411	Development of the 90-150 Mc Antenna	U
O-2412	Size Effect in Armor Steels & Other Metals carried on at the University of North Carolina	C
P-2413	A Flexible anti-fouling paint adaptable to immersed rubber components	U
O-2414	Shock Characteristics of the American War Standard (Shock Testing Mech.) for Elec. Indicating Instruments	U
R-2415	Type Installation of R.D.O. Receiver Search Antenna	R
M-2416	Causes of Porosity & Leakage in Non-Ferrous Castings (The heat treatment of leaky bronze castings for improving pressure tightness:)	U
R-2417	Preliminary Report on 719B Oscillator	U
R-2418	Investigation of Irregular Keying of Radar to reduce interception	R
P-2419	A Method for Gasoline Inhibitor Analysis:	U
R-2420	Cloverleaf Broad Band Antenna for Horizontal Polarization	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
R-2421	The AN/ARW-17 Receiver	R
H-2422	Doppler Frequency Change in Radiation Reflected from the Waves of the Sea	U
R-2423	Performance Tests and Modification of the Model TDY Radar Jamming Transmitter	R
R-2424	Search Radar and IFF Antennas with Search Receivers	R
R-2425	Report on type test of YE-1 Homing Beacon Equipment	R
R-2426	Frequency Spectra- and Band Widths of Amplitude - modulated radio telegraph transmissions	U
R-2427	XBA-XBB Pulse Control System	U
R-2428	The Mark 33 Radar System	R
P-2429	XBF Search Radar Equipment	U
	1945	
P-2430	Method for Measuring the Corrosion of Copper by Electrical Insulating Varnishes	U
P-2431	The Silver-Oxide-Alkali System as the Basis for a secondary battery	U
R-2432	Development of an experimental radar countermeasures transmitter employing the L-600 N Triode as oscillator	U
R-2433	Test of a magnetron transmitter for jamming in the range of 80 to 380 mcs	R
H-2434	Geiger counter technique for X-ray diffraction - Part 3 - Particle size determination from X-ray line broadening	U
R-2435	Considerations in the tactical use of centimeter wave radar jamming systems	C
M-2436	Spectra Photometric determination of titanium in steels	U
R-2437	Antenna pattern measurement on USS AUBURN	R
R-2438	Project Cancelled	
P-2439	Report on the physical and chemical properties of commercially available oils adaptable to the replacement of tung oil in synthetic resins	U
P-2440	Survey of two-coat reflection reducing films	U
R-2441	Brief description of "Christopher" warning receiver, CDE-46ADZ	R

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2442	Analysis and operational characteristics of Japanese airborne radar equipment captured at Saipan	R
R-2443	Window types for Naval Use in the frequency range 90-3000 Mc	C
R-2444	A Study of Non-Toxic Fabrications for the Prevention of Fouling	U
R-2445	A Continuously variable, single crystal decade frequency generator	U
B-2446	Cancelled	
R-2447	Notes on the Design of Flat Reflecting Screens for Directive Antennas	U
R-2448	TDY-1A Antenna - Tests on	U
M-2449	Use of Cumulative Curve for Foundry Sand Control	U
R-2450	Operational performance of Japanese Radar C.E.E. 3088 - Mk. I Mod. 1	U
M-2451	Project dropped	
R-2452	Reconditioning of Captured Japanese Equipment Type 92 Mk. 3 - Low Frequency transmitter modification I	R
M-2453	Fourth Partial Report on NRL Shock fracture test for welded joints in connection with qualifications of union mount welding of STS armor	U
M-2454	Apparatus for Measuring Rapid Cooling Rates	U
R-2455	Tests of Model TDY Radar Jamming Transmitter with Z-666 Magnetron CAKZ-66 AJT Antenna	R
R-2456	Standards test procedure for A. J. Receivers	C
P-2457	An Emulsion Paste System for Decontamination of Vesicants	C
R-2458	Impedance Measurement and Radiation patterns on a TDY/RDO Antenna System	U
R-2459	Preliminary Report on a high Stability Mixer	R
R-2460	Development of a high power wide band noise modulator	R
R-2461	Modification of Radar Mk. 8 precision sweep and change of bearing lines - final report	R
P-2462	4th report on Progress in the Study of Plywood Finish System Applicable to Aircraft and Gliders	U
P-2463	Impregnation of Protective Clothing in the Piece Goods	C
P-2464	Chamber Tests with Human Subjects V - Arm Exposures to HN Vapors	C

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL
Classification

No	Title	
R-2465	Development and Test of Type CAPU 24325 Ant. Selector Switch for use with Model TEA Equipment	U
R-2466	Radar Cross Section of Ship Targets V	C
R-2467	Radar Cross Section of Ship Targets VI	C
R-2468	Report on Model TDQ Transmitter	U
R-2469	Flight Investigations of Suitable HF/DF Collector Locations on a PV-1 Navy Patrol Bomber	U
R-2470	A Comparison of Noise AM Jamming with "Dina" Noise Jamming	R
O-2471	Report on Torsion Meter Investigation	U
R-2472	Investigation of Security of Blanket Communication System	S
R-2473	Report of type test Model AN/URA-T2 training attachment	U
P-2474	Anti-rust Additive for Lubricating, Power Transmission and Protective Oils	U
R-2475	Report on Failure of Electronic Equipment under Tropical Service Conditions	U
M-2476	Report on Investigation of Alternate of tin for Metallic Castings for Radio Hook-up Wires	U
S-2477	Corrosion and Fouling of Sonar Equipment, Part I	U
O-2478	Longitudinal Stresses in Pipe Bends Caused by Bending	U
M-2479	Report on test of Model XRBB and XRBC Radio Receiving Equipment	U
P-2480	A Study of Radar Anti-Clutter Devices for Naval Use	C
P-2481	Investigation of Silicone Polymer Fluids - Part III - Performance as Hydraulic fluids in gear pumps	U
M-2482	The Effect of Tin on Cast Steels	U
P-2483	Chamber Test with Human Subject VI - Arm Chamber Exposures to L Vapor	C
R-2484	SK-2 Performance Test	U
O-2485	Mechanical Shock Characteristics of the Armor high impact Machine for Electronic Devices (Armour Research Foundation Machine #1)	U
R-2486	Development of Antenna - Identification Mk. I Mod. O	R

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
P-2487	17th Partial Report on Oxygen Source Material - The Production of Potassium on a Pilot Plant Scale by a combination reduction-distallation Reaction Between Sodium and Molten Potassium Salts	U
R-2488	The Suitability of IFF Transmissions Line in Various radar pedestals for use with IFF Mk. 5	C
P-2489	Report on Sonar corrosion and fouling Part II - First report on the Adaptation of Adictation for Anti-fouling paints for use on under-water components of sound gear	U
R-2490	Test of jamming transmitter using 1600N tube in the range of 200 to 1000 mcs.	R
R-2491	Project Dropped	
P-2492	Tropical Deterioration of Materials for Electronic Equipment	U
R-2493	Preliminary report on S and X band propagation in low ducts formed in oceanic air	U
H-2494	Dazzling Effects of Reflected Sunlight	U
R-2495	Monograms for Calculating Minimum Jamming Range for Ships	C
O-2496	Second Partial Report on Projectile Shock on Aircraft Armor Supports	R
O-2497	Mechanical Shock Characteristics of the High Impact Machine for Electronic Devices	U
R-2498	Dependance of the Effectiveness of Clipped Noise Jamming on the Radar Receiver Band Width	R
P-2499	Investigation of Silicone Polymer Fluids Part IV - Some Performance Characteristics and a Unilaterally Loaded Journal Bearing	U
P-2500	Correlation of Congo-Red-S-328 and DB-3 Test Papers with Human Skin	C
S-2501	Pro-Submarine Program of Sound Division NRL	C
R-2502	Comparison of Jamming Effectiveness at 200 Megacycles of Types AN/APQ-2 Airborne Radar Jammers	R
P-2503	Investigaton of the Possibility of Using The Alkali or Alkaline Earth Metals as the Active Material in a Battery	U
R-2504	Jap MK4 Mod. 3 Radar Equipment-Receiving and Indicating	U
H-2505	Report on the Radiation Temperature of the Sky and The Sea Horizon	R
H-2506	Thermal Signals Due to the Reflection of Sky Radiation by the Sea	R
R-2507	Development of Mk 12 Anti-Jam Receiver	R
R-2508	Some Fundamentals of A-J Design for Radar Receivers	C

DECLASSIFIED

DECLASSIFIED

[redacted]

CONFIDENTIAL
Classification

No	Title	
R-2509	Method of Reducing the Minimum (Observable) Signal in Presence of Noise	U
P-2510	Method for the Determination of the Vesicant Agents Content of Contaminated Carbon Clothing	C
R-2511	Development of an Experimental Directive Response Homing System	R
R-2512	Circularly Polarized Antenna for 2500 to 3500 Mc Frequency Range	R
O-2513	Scale Model Test of Main Steam Piping for CVB41 Class Vessel	U
P-2514	The Use of the Humidity Cabinet in the Acceptance Testing of Corrosion Preventive Compounds	U
M-2515	Weldability of Reynolds R301T Wrought Aluminum Alloy	U
R-2516	VEE Corner Absorbers	R
H-2517	Geiger Counter Technique for X-Ray Diffraction Part IV. Detailed Considerations of Experimental Conditions	U
P-2518	An Examination of Toxic Agents for Fungus Coating Materials	U
R-2519	Airborne Television, Results of Test of High Sensitivity Conversion Unit CRV-59AAG Serial I Model ATJ or ATK Equipment	U
R-2520	Test of Sleeve and Whip Antennas aboard LST-998	U
P-2521	Report on Stabilizers for Permeable Protective Clothing	C
R-2522	Radar Stimulation of Surface Targets by Towed Balloon-Borne Reflectors	R
P-2523	A Humidity Vessel for Laboratory Evaluation of Electrical Components	U
R-2524	Radar Cross Section of Ship Targets #7	C
R-2525	A Circuit for Generating Very Short Pulses with a Large Harmonic Content for Use in XCU-1	R
R-2526	Interim Report on Airborne Radio Results of Engr. Tests of Mod. AN/ARR-15(XN-1) Ser. No. I M.H.F. Radio Communications Receiver Manuf. by the Collins Radio Co. of Cedar Rapids	R
M-2527	Preparation of Type ASC Charcoal in a Pilot Unit	C
P-2528	Chamber Tests with Human Subjects. VII The Effect of Concentration of H. Vapor and Time of Exposure on the Protection afforded by CC-2 Impregnated Clothing	C
V-2529	The Use of the General Radio Type 761A Vibration Meter for the Measurement of Vibrational Displacement	U
P-2530	Investigaton of Silicone Polymer Fluids, Part V Performance Hydraulic Fluids in Piston Pumps	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
O-2531	Bend Testing at Ballistic Speed 1st Partial Report Technique and Survey of Typical Results	C
O-2532	Bend Testing at Ballistics Speeds 2nd. Partial Report Test of Magnesium Alloys and 24ST Aluminum	C
R-2533	Test of Model TEA Radio Transmitting Equipment	U
H-2534	Radiation Temperature of the Sky Variation with Altitude Above Sea Level	R
R-2535	A-J Video Filters for the Radar Mark 12 Receiver	R
R-2536	The Production & Standardization of the Electro-Magnetic Eaves within Shielded Rooms	U
H-2537	Low-Reflecting Film of Gilsonite for increasing the Transmission of Silver Chloride at 8-13	U
R-2538	Guided Missels Kinematics. (For Official Use Only)	R
H-2539	Variable Density and Variable Color Filters For Use with Radar Screens to Preserve Dark Adaptation	U
P-2540	The Development of A Chemical Agents Detector Kit	C
P-2541	A Laboratory Evaluation of Lubricating Oils For Naval Fire Control Equipment	U
R-2542	Antenna Pattern Meas. on U.S.S. Mendocino (APA-100)	R
R-2543	A Study of the Procedures & Equipment used for Setting Noise Modulated Radar Spot Jammers on Frequency	C
R-2544	Investigation of Jap Intercept Receiver Type E27	U
R-2545	Laboratory Tests of Japanese Mark 4 Model 3 Radar Transmitter and Power Supply Units	R
R-2546	Convergence Effects in Reflections from Tropospheric Layers	U
R-2547	Test on Experimental Unit Projection Plan Position Indicator Repeater. Model VG2 Ser. No. 42 Type GG-55ASL	R
R-2548	Airborne Radio Control Results of Eng. Tests of R064/ARW-17 Equipment. Final Report	U
R-2549	Electronically Scanned Panoramic Receiver 5-100 KC	U
R-2550	Test of Tracking Accuracy of Gun Director MK 37 With Radars Mk 28 Mod O and Mk 22 Mod. O	R
R-2551	Mod. of JM-1 Sono-Buoy Equipment for Use in Torpedo Timing	R
R-2552	Flight Tests of A Ground Speed Indicator	C

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2553	Antenna Pattern Meas. on U.S.S. Dade	R
R-2554	Analysis and Specifications of Simultaneous Lobing System Tab	C
R-2555	Analysis of Lengthing of Modulated Repetition Pulse	U
M-2556	The Evaluation of Preheat and Post-Heat Treatment of Welds and Thin Sections of Steel NE 8630	U
R-2557	Test of Pulse Forming Networks	U
P-2558	The Substitution of Synthetic Chlorinated Rubber for Chlorinated in the Formulation of Anti-Fouling Paints	U
R-2559	Development XBF-1 L-Band Radar Equipment	S
M-2560	Study of Brittleness in an 18" Class B Armor Plate by Means of High Velocity Fracture Test	U
R-2561	Accuracy of Range Tracking Through Window Aided by Modulation with Radar Mk. 12	C
O-2562	A Constant Time Interval Reference Potential Indicator as Applied to R-C Coupled Amplifiers	U
S-2563	Transmission, Reflection and Guiding of an Exponential Pulse by a Steel Plate in Water. Part I - Theory	U
S-2564	Transmission, Reflection, Diffraction and Guiding of an Exponential Pulse by a Steel Plate in Water. Part II - Experiment	U
R-2565	S and X Band Propagation in Low Ocean Ducts	C
M-2566	Some Observations of the Reliability of the Clip Test for Weldability Evaluation	U
M-2567	Controlled Directional Solidification in Non-Ferrous Castings by the Use of Insulating Materials	U
O-2568	First Partial Report on Nylon Cloth Laminates for Light Armor	C
R-2569	Comparative Operational Tests of Radar Systems Mark 33, SO-12M Using Various Surface & Aircraft Targets	R
P-2570	Persistence of H and HN on Carbon Clothing	C
P-2571	Investigation of Methods of Preparation of Diborane	C
R-2572	Jamming by Rotating Reflectors	C
P-2573	Synthesis for Esters of Dibasic Acids for use in the Development of Lubricants	U
R-2574	Comparison of a Hydrogen Thyratron Modulator with the Peterson Coil Modulator of the Mk 8 Radar	R

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2575	A Theoretical Analysis of the Possibilities of Direction Finding on Induction Fields from Power Lines	R
P-2576	Synthetic Lubricants from Branched Chain Diesters	R
H-2577	Metal Bolometers of Short Time of Response and High Sensitivity	R
P-2578	Chemical Investigation of Amine Nitrate Vapor Phase Inhibitors	U
P-2579	Chamber Tests with Human Subjects. Part 9 Basic Tests with "H" Vapor	C
P-2580	SomeCharacteristics of the Silver Oxide-Zinc Alkali Primary Cell	U
R-2581	Airborne Television - Results of Test of Type CIX-59 AAF - Conversion Unit for Model ATJ or ATK Television Equipment	U
R-2582	Mechanical Oscillator with Synchro Output	U
P-2583	A Study of Sag Resistance of Hot Plastic Anti-Fouling Paint	U
R-2584	Type Approval Test of AN/ARR-16B Radio Sono Buoy Receiver	R
M-2585	Chromizing of Steels	U
R-2586	Performance Test of CXFA Transmitter and 527 Vacuum Tube	U
R-2587	Resistance Capacitance Low & High Pass Filters	U
O-2588	Scale Model Tests of High Temperature, High Pressure Steam Piping, DD692 Class Vessels	U
R-2589	The Development of the AN/UPT-T3 Training Equipment	U
P-2590	Chamber Tests With Human Subjects. Part 10 Protection Afforded by CC-2 Impregnated Cloth Under Various Conditions of Exposure	C
P-2591	Investigation of Cuprous Oxide Anti-Fouling Paint. I Chemical Composition of Pigment	U
P-2592	2nd Report on Anodic Behavior of Zinc Alloys used to Protect Steel in the Water	U
R-2593	Wave Guide Rotating Joint for XB_1 Band	R
R-2594	Development of Broad Band Communication Antenna RSD-X10 and RSD-10	U
R-2595	Jamming Transmitter of MAS Type for Range 60 to 100 MCS	U
P-2596	The Absorption of Aromatic Hydrocarbons, from Hydrocarbons Solutions	U
P-2597	Chamber Tests of Human Subject VIII Evaluation of Worn CC-2 Impregnated Clothing	C

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
S-2598	Hot Wire Sound Generators	U
S-2599	Experiments with an Electrically Heated Wire in A liquid	U
M-2600	Causes for Porosity and Leakage in Non-Ferrous Castings. The Effects of Phosphorous in Navy Gun Metal	U
R-2601	Resonant Response Characteristics of Models AN/ARR15 (XN-1) (XN-2) Radio Receivers	R
P-2602	Chamber Tests with Human Subjects. Part XI Evaluation of Modified Aquees SC-2 Impregnation Systems	C
P-2603	Chamber of Tests with Human Subjects. Part 12, Suit & Man breaks with CC2 Impregnated Clothing	C
P-2604	Chamber Tests with Human Subjects. Part 13 Special Tests of Protective Clothing	C
R-2605	Airborne Radio Results of Tests of an AN/ARC-1 Modified Equipment. Final Report on Prob. #S-2029T-C	U
R-2606	Project Dropped	
O-2607	Project Dropped	
R-2608	Airborne Radio Results of Test of AN/ARC-5 VHF Trans. & Rec. Radio Equipment	U
R-2609	Type Tests of AN/ASG10 Prob. A138.017-C	R
R-2610	Theory of Linear Servo Mechanisms	U
P-2611	An Examination of Toxic Agents for Fungicidal Coating Material. Part II	U
R-2612	NRL Radio Countermeasures Problems	S
R-2614	A Variable Frequency Pulsed Transmitter for Antenna Calibration	R
O-2615	Partial Report on Thermal Diffusion. (Incorporated in report O-2982)	S
R-2616	Development of Remote Control for the JB-2 Flying Bomb	R
P-2617	Apparatus for determining the long time voltage Endurance of Dielectric	U
R-2618	Antenna Pattern Measurements, on USS Teton, AGC 14	U
M-2619	Factors for the Calculation for Hardenability	U
R-2620	Tests of Model REN Portable Sono-Radio Bouy Receiver	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
R-2621	Tests of MK 2 Blinker Receiver Model RDL-1 Ser. 1	U
P-2622	Sealing Compounds for Integral Fuel Tanks	U
R-2623	Proposed New Type of Ranging and Homing System	S
V-2624	Experimental Check on Calculation of displacement Caused by Mechanical Shock	R
P-2625	The Effect of Organic Sulphur on the Induction Period of Aviation Gasoline	U
P-2626	Examination of Toxic Agents for Fungicidal Coating Materials, Part 3	U
H-2627	Threshold & Signalling Ranges of Paint Sources of Light in Fields of Brightness from Dark to Daylight	U
P-2628	An Examination of Toxic Agents for Fungicidal Coating Material	U
P-2629	A Ventilation Indicator for Submarine Storage Batteries	U
P-2630	Possible Use of Relatively Thick Glass Mat Separators in Aircraft Storage Batteries	U
S-2631	Secret Report Sector-Scan Indicator Model QXA	C
R-2632	Test of AN/ARR-16B Ser. 0009 Radio Sono-Buoy Receiver	R
P-2633	A Study of Odorants for Use in Fire Extinguishers of Carbon Dioxide and Methyl B romide Types	U
M-2634	Iron Manganese Nickel Alloys for Forgings	U
R-2635	Type Approval test for TN-103/APX "Black Maria" Transponder for IFF Mk 3	R
P-2636	Study of Methods of Removing Stibine from Submarine Storage Batteries Ventilation Gas	U
M-2637	Studies of the Cause and Method of Preventing Bore Cracks in Cast Steel Fittings and Valve Bodies	U
R-2638	Method for Calculating Electric Field Strength	U
R-2639	Test of Four Model AN/CRT-4 Direction Radio Sono Bouys	R
R-2640	Effect of Temperature on the Resonant Frequency of Modified Model 1541 (TEX)-(10GA) Cavities	U
M-2641	Calculation of Tensile Strength and Yield Point of Normalized and Annealed Steels From the Chemical Composition	U
P-2642	Development of Smoke Penetration Meters	U
R-2643	TEA Systems Tests	U

DECLASSIFIED

[redacted] DECLASSIFIED [redacted] CONFIDENTIAL classification

No	Title	
R-2644	Auxiliary Indicator for Fire Control Radar Scope Photography	C
O-2645	Shock and Vibration Instrumentation and Measurements - 2nd partial report	U
M-2646	Causes for porosity and Leakage in Non-Ferrous Castings	U
R-2647	Blanket System of Anti-Direction Finder Comm. A Therotical Investigation of its Security Aspects	S
R-2648	Requirements of Direction Finders Indicator and Determination of Correct Scanning Rates for DF Collector Systems in the VHF, UHF and SHF Bands	C
R-2649	Final Report on Eng. Tests on Model AN/ARR-15 (XN-1) Ser. 4 MHF Comm. Rec.	R
O-2650	Partial Report on Gas Pulsator	C
R-2651	Mortar Location by ship borne Fire Control Radar Equipment	S
R-2652	Mortar Location by Marine Corps Radar	S
P-2653	Volatile compounds as fungicidals for Electronic Equipment. Part 1	U
P-2654	The Determination of small amounts of metal in Oils & Fuels by X-Ray Absorption. Part 1 The Determination of Lead	U
P-2655	Evaluation of Carbon-Rayon Protective Fabrics	C
P-2656	Comparison of the Corrosion Resistance of Aluminum Alloy Assemblies Anodized in Sulfuric and in Chromic Acid	U
R-2657	Automatic Radar Equip. MK12 Mod. 2 Gun Director 37 computor MK1 system operation with and without Manual Control equip. equalizer	R
M-2658	Application of Fluid Flow Principles to Gating Copper Base Castings	U
-2659	No Report	
R-2660	Modifications of R/SK & R/SC Antenna	U
H-2661	Portable High Voltage Generator for Cathode Ray Devices	U
P-2662	A Final report on the Development of Colored Oil Smokes for Signalling and Camouflaging Purposes	U
P-2663	Thermal Insulation and Corrosion Protection of Rangefinders	U
R-2664	Receiver and Transmitter (RCM) Interference Tests	R
P-2665	18th Partial Report on Oxygen Source Materials. Experimental controls of Carbon Dioxide and Oxygen Concentrations on board the USS Sailfish	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No	Title	Classification
V-2666	Effect of Modification on the Performance Characteristics of the light weight, High impact shock machine	U
R-2667	Test of Model CXHY (RDZ) Radio Receiving Equipment	R
R-2668	Network Simplified Analysis of R-C and R-L	U
E-2669	The Effect of Load on Voltage and Series Compensating Capacitance for Airborne AC Generators	U
H-2670	The CXR-2 & CXR-3 Nancy Infra-Red Receivers	S
P-2671	A Study of Performance of various metals as igniter contact rings on five inch SSR Rocket Motor	U
R-2672	Reduction of Instrumental errors in Model DAB Equip	U
R-2673	AN L-Band Repeater for use with the Radar MK 4	R
P-2674	Preparation of protective clothing by impregnator of cloth in piece goods	C
P-2675	The Investigation of the Suitability of the open cell type of battery ventilation for use aboard Submarines	U
P-2676	First Report on Investigation of the conducting properties of Films Pigmented with copper	U
P-2677	S-330, Preparation of	C
R-2678	Electrical Tests of Model X-OBS Cathode Ray Oscilloscope	U
P-2679	The full scale tests of the Subsurface injection method of tank Fire Extinguishers	U
H-2680	Optics of Searchlight Illumination	U
P-2681	Investigation of Silicon Polymer Fluids Part 6, Performance characteristics in Journal Bearing	R
P-2682	2nd wearing trial of protective clothing at Camp LeJeune, N.C.	C
P-2683	Summary Report on Dyestuffs used for Simultaneous Dyeing & Impregnating of Protective Clothing	C
O-2684	Acceleration & Displacements During Drop Tests of Radio-Like Gear	R
R-2685	Development of Model XCX Boat Type Sono Radio Buoy	C
R-2686	Reduction of Interference from the AN/APS-2F(ASG) Radar Equip. (with special reference to the SCR-269F Automatic Direction Finder.)	U
O-2687	Static and Ballistic Bend Tests on An Experimental 2.5 Armor Plate	C

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
P-2688	Chamber Tests with Human Subjects No. XVIII Supplementary Tests of CC-2 Protective Clothing	C
R-2689	Direction Finder Requirements for Submarine with Special Reference to the Use of the SV Radar Reflector	R
P-2690	A study of aresklene as the emulsifying agent in aqueous process in impregnation of clothing	C
P-2691	Cellulose Caprate Cement	R
R-2692	Balanced Input Sensitivity Measurements using Unbalanced Signal Generators	U
R-2693	Isolantite Adjustable Sleeve Antenna	U
R-2694	Type Test of AN/ASC-10 Toss Bombing Device	R
P-2695	A Summary of Wearing Trials of Permeable Protective Clothing	C
P-2696	Measurement of Desorption of H-Vapor from contaminated carbon cloth using Radio Active "H"	C
P-2697	Investigation of Containers for the Shipment and Storage of R H 195	U
M-2698	A Study of Methods for testing Gelatinized Corn Flour Mold and Core Binders	U
R-2699	Test for Model C-27/UPN low frequency converter for Loran	C
O-2700	(Project dropped) Report incomplete	
P-2701	Chamber Tests with Human Subject XIV. Tests of New Carbon Clothing	C
P-2702	Chamber Tests with Human Subjects XV Tests of Worn Carbon Clothing	C
P-2703	No Report	
P-2704	Production of Metallic Lithium and Lithium Salts	U
R-2705	Acceptability tests Brelco production Model CAQZ - X49771 Radio Coil selector and comparison with W. E. type 105A Selector	U
M-2706	Magnesium Skim Gate Material for Bronze	U
R-2707	Sensitivity & accuracy comparison of DAU vs. DAJ Goneometer for DAJa Installation	R
O-2708	Electronic Control for Limiting of Maximum Torque, Specific Application to Rolling-in of Small Condenser Tubes	U

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL
Classification

No.	Title	
R-2709	Attenuation of Brass Wave Guides having Mill Finish and Bright Finish	C
R-2710	Model AN/ART-13A Radio Transmitting set. Results of acceptance tests of	R
P-2711	A brief survey of various Sea H20 cells	U
R-2712	(Project dropped) Report incomplete	
R-2713	Modification of Intermediate Frequency Amplifier Design in Receiver Unit Transponder Beacon Model AN/CPN-6 to minimize unintended interrogations caused by Echo Stretchings	C
R-2714	Analysis of Radar Model SP Receiver and Indicator Equipment	R
R-2715	Development of Electronic Receiving Switches for the 225 to 390 MC Freq. Range	C
R-2716	Development of Components for X or B Frequency Band	R
R-2717	The results of Engineering performance tests on Range Received Model BC-1206 Petrowitz-Miedhe	U
R-2718	Project Dropped - Report incomplete	
P-2719	Chem. Warfare Defense Reports, 1942-45 with comments on future problems	C
P-2720	Project Dropped. Report Incomplete	
P-2721	Comparison of Hydrogen Thyratron Modulator with Hard Tube Modulator in the Mk 20 Radar	U
H-2722	A Procedure for Investigating Infra-Red Receiver Performance with application to the CF-2 and CF-3 Receivers	R
R-2723	MTI for SC-SK Series Radar	C
R-2724	Iron Core Loop_ Performance Study of an experimental	C
R-2725	Project Dropped. Report Incomplete	
M-2726	Investment Precision Casting	U
R-2727	Electronic Transmitting Switches for the 225 to 390 Mc. Freq. Range. Mr. Huesinkveld	U

DECLASSIFIED

DECLASSIFIED CONFIDENTIAL Classification

No.	Title	
P-2728	Project Dropped. Report Incomplete	
P-2729	Chamber Tests with Human Subjects-XIX Studies of Clothing Design	C
D-2730	Partial Report on Gas Pulsator	C
	1946	
H-2731	German Interference Filters	U
R-2732	Cable Connectors for RG-17/U, -18/U, -19/U and -20/U cables. Test of High Voltage	R
R-2733	Circularizing Polarized Antennas for 350 to 1000 Mc. Freq Range	C
P-2734	Chamber Tests with Human Subjects XCIII. Tests with HN Vapors	C
B-2735	(No Report)	
E-2736	Investigation of Aircraft Electrical system using General Electric 2CM73B7 & Eclipse NEA-7 (1406-1-A) Generators in Parallel & Controlled by Eclipse 1042-O-A Voltage Regulators	U
E-2737	Investigation of Methods for improving the temperature compensation of Eclipse Type 1001 & 1317 A.C. Carlian Pile Voltage Regulator	R
E-2738	Directive Antenna System in the 6 to 15 Mc band for Essex Class Aircraft Carriers	C
R-2739	Tests of Wide Band I F Amplifier Ser. 11 Relative to its use in the Radar Equip. Mk 34 Mod. 2	C
R-2740	Type PN-103/APX "Black Maria" Transponder IFF Mk 3 Equip	C
P-2741	Synthetic Low Temperature Greases from Alipatic Diesters	U
R-2742	Test of RCA/UHF Direction Finder Developed under NDRC Contract OEMSR-1009	C
R-2743	Model RDJ-1 Pulse Analyzer. Electrical Characteristics of Audio Oscillator in the	U
P-2744	Anti-fouling Paint Studies II. An Investigation of the Inherent Errors in Leaching Rate Measurements	U
M-2745	Hot Tears: Dissimilarity as to Appearance, Origin, and Means of Elimination	U
P-2746	Absorption spectra of silicon fluids	C
R-2747	Application of MTI to Fire Control Radar	S
R-2748	Evaluation of Model FSB Frequency Shift Keyer for Naval use	R

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
R-2749	Resolution of Panoramic Receivers	U
H-2750	Comparison of Geiger Counter within Ionization Chamber	U
B-2751	Draft Gage System. Bendix	R
M-2752	A review and summary of weldability testing low alloy high tensile steels	U
M-2753	The use of Gas Producing Materials for Obtaining Artificial Pressures in Blind Risers of Bronze Castings	U
R-2754	Model DBD Medium Frequency Direction Finder Equipment for Small Craft	C
H-2755	Aluminum Paint P-100-8497 in the fire room of the USS Eugene A. Greene (DD-711) Tests of Du Pont	U
R-2756	Integrating Accelerometers used on German V-2 (A-4) Missile	U
M-2757	A Study of the causes and methods of preventing veins and penetration in Sand Cast Metals	U
H-2758	Geiger counter Technique for high counting rate	U
R-2759	Proposed Very Long Range Radar with Height Finding	C
P-2760	Chamber Tests with Human Subjects XX. Hypersensitivity to H as Demonstrated by Patch Tests Before and After Chamber Exposure to H Vapor	C
O-2761	Characteristics of Short Radius tube Bends.Second Partial Report	U
R-2762	Dual Display Dual Panoramic Adaptor Model CXJO	R
P-2763	Ships Bottoms Paint systems-I. The rate of Fatty Acids and Soaps in the adhesions of underwater primers	U
H-2764	A survey of Thermal Radiation from Surface Vessels	C
R-2765	Analysis of Model UM Switching Equipment	U
R-2766	AEW Interference Report Airborne Problem	C
R-2767	AEW Interference Report B. Shipboard Problem	C
R-2768	(No Report)	
R-2769	Antenna Network Correctives for VHF/IFF Interference	C
R-2770	Practical Design of Transmission - line Network for Broadband Filter Applications	U
E-2771	Project Dropped. Report Incomplete	

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-2772	Project Dropped. Report Incomplete	
P-2773	Project Dropped. Report Incomplete	
H-2774	The Lead Sulphide Photocell	U
R-2775	Developments of Types and Arrangement of Colinear Antenna with Low Inner Couplings	C
R-2776	Submarine Intercept Antenna for Frequency Range 1000-3500 Mcs	C
P-2777	Study of Fuels in the Aeroresonator Meter. Period 7-1-45 to 2-1-46	U
R-2778	Modification of Generator Kohler (Emergency) for operation on 60v. current	U
R-2779	Conditions of Certainty of Interception of an Intermittent Signal by a Rotating Directional Antenna	C
B-2780	Tests for Information on Wind Systems Proposed Types B1 and B2 Bendix Aviation Corp. Friez Instrument division Mfg.	R
R-2781	Considerations in the Design of 2-Mc Loran Transmitter Intended to Reduce Side-Bands and Permit Cycle Matching operation	C
R-2782	Project Dropped. Report Incomplete	
R-2783	Over-Voltage Output for Communication Equipment	U
P-2784	Project Dropped. Report Incomplete	
P-2785	Synthesis of branched chain fatty acids and their metallic salts	U
E-2786	Investigation Leading to the Determination of Satisfactory Voltage Regulator and Generator Combinations	U
P-2787	The Preparation of Metallic Arylstearates	U
M-2788	An Investigation of the Phenomenon of Cleavage Type Fractures in Low Alloy Structural Ship Steels	U
B-2789	Development of Shock Mounting for Fire Alarm Thermostats	U
R-2790	Partial Navigation Course for a guided missile attacking a constant velocity target	C
R-2791	A lobing Mark 32 Array for Fire Control Radars Mark 28, Mod. O and Mod. 3	C
E-2792	Determination of Safer Creepage Distances for Electrical Equipment at High Altitudes	U
R-2793	Radar Cross Section of Ship Targets VIII	C

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
B-2794	Investigation of Circuits and Characteristics of German Automatic Telephone CEE 17642	C
B-2795	Tests for Information Telegraph Equipment. CEE 17641 Captured German Equipment	C
O-2796	Ductility and Fracture Resistance of Ship Plate	U
R-2797	Relay Radar System	S
R-2798	Test of Model 82F-CWB Receiver	U
R-2799	Application of Doubler Mixer Technique to Electronic Problems	U
M-2800	German Permanent Mold Casting Machine	U
R-2801	Test of Model CXGJ-4 (DBT) Shipborne VHF Direction Finder	U
P-2802	Silicon Diester Mixtures and Greases Prepared from them	C
R-2803	Storage Deterioration of Model RCH Receiver	U
R-2804	(No Report)	
R-2805	Results of Eng. Performance Tests on Model AN/ARC-2 MHF Communication Equipment	C
H-2806	The Sensitivity, Frequency Response and Noise of Photothermal Detectors CJU Serial #6 and Serial #7	U
E-2807	Radio Interference Studies of Aircraft Generators	U
M-2808	The Relation of size of chill to Bronze Castings	U
R-2809	Type Tests of AN/APS-20A	C
M-2810	Micro-Radiography Manual	U
R-2811	Development of "R" Sweep for S C-1,2,3, & SK Radar Indicators	R
H-2812	The Theory of the Behavior of Bolometers Cooled by Gaseous Conduction	U
P-2813	Development & Design and Laboratory Machine for the Continuous Production of Grease	U
R-2814	(No Report)	
O-2815	Final Report on Effects of Projectile Shock on Aircraft Armor Support	U
E-2816	Procedure for Conducting Contact Resistance Millivolt Drop Test on AN Connectors	U
P-2817	A Microworker for Lubricating Greases	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
V-2818	Effect of Mounting Condition on the Performance Characteristics of the Light Weight High Impact Shock Machine	U
R-2819	Tracking Performance of the Automatic Radar Equipment Mark 25 Mdl. 2 (Experimental Model) with The Gun Director Mark 37 and Computer Mark 1	C
P-2820	The Synthesis of Aliphatic Thiols and Aliphatic Sulfonic Acids	U
M-2821	The Influence of Melting Practice, Design of Test Coupon and Molding Sand on the Mechanical Properties of Non-Ferrous Test Bars	U
P-2822	Rubber Compounds Used in Shock Mounting	U
R-2823	The Mathematics of the Location of Mortar Sites by Radar	S
P-2824	Taxonomic Study of Fungi Associated with the Deterioration of Military Equipment	U
R-2825	Report on Test of Type CMX-49545 Loudspeaker-Amplifier Equipment Mfg. by the Magnavox Co., Fort Wayne	U
R-2826	A system for obtaining Two Color Presentations on Cathode Ray Tubes Having P-7 or P-14 Screens	C
R-2827	Modification M6807 Antenna for 2200-3800 MC Frequency Range	C
R-2828	Report on Errors Introduced by Arbitrary Lengths of Solid Dielectric Cables in Slotted Line Impedance Meas.	U
R-2829	Test of Model CXKB-1 (FRG) Frequency Shift Receiv. Converter Equipment	U
E-2830	Determination of Peak Operating Voltage for Low Tension Aircraft Cable	U
M-2831	Composite Armor Plate ($\frac{1}{2}$" thick)	U
R-2832	A Carrier Controlled Approach System for Aircraft	C
R-2833	Test of Model FRA Frequency Receiver Converter Equipment	U
R-2834	Causes for Frequency Instability in the Type 1605 Resonant Cavities	C
P-2835	Anti-Corrosive Coatings for Magnesium I Salt Spray Resistance	U
S-2836	(No Report)	
R-2837	Additional Report on Vibration Test of AN/ASG-10 Toss-Bombing Device	U
O-2838	Mechanical Shock Characteristics of High Input Machine for Electronic Devices	U
R-2839	The Effectiveness of AN/APQ-2 "Rug" Jamming Transmitter using Modification Kit MX527/ApQ-2 Frequency Modulation	C

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
R-2840	Test of Acceptability of Pre-Production Navy Model RXA Antenna Multicoupler	U
R-2841	Radio Frequency Power Measurements by use of a Remote heat Sensitive Device	U
R-2842	Investigation of Model RDZ Radio Receiver Crystal Oscillator Circuit to Provide Increased Oscillator Activity to maintain frequency Correlation with Type CR-7 Production Crystal	U
R-2843	Probability of Intercepting Radar Signals by Search Receiver	C
R-2844	Redesign of AN/CRT-1B Expendable Radio Sono-Buoy	C
M-2845	Investigation of the effect of welding on transition temperatures of Navy high tensile low alloy steels	U
P-2846	An Automatic Recording Spectrophotometer	U
R-2847	Design Features of a Compact Spinning Loop Type Direction Finder for the MF & HF Ranges	C
M-2848	(No Report)	
P-2849	Three Layer Reflection-Reducing Coatings for Optical Elements	U
S-2850	Supersonic Measurement of Wall Thickness in Diesel Liners	U
O-2851	A Ballistic Pendulum Air Drag Measurement Technique	R
R-2852	Multitone Flash Telegraph System	S
R-2853	Factors Affecting Choice of Operating Frequency for Distance Meas. Equipment	U
R-2854	Proposals for improving Aircraft Radio Systems	U
M-2855	The Development of Aluminum Alloys for Elevated Temperature Applications	U
E-2856	Study of the Electrical System in a Naval Aircraft TBM-1C	U
R-2857	An Interim Short Range Air Navigational System	U
H-2858	Measurements of Betatron Radiation with Geiger Mueller Counters	U
O-2859	Third Partial Report on Gas Pulsator	C
M-2860	Proposals for Research on Gray Cast Iron	U
P-2861	The Analysis of Natural and Synthetic Rubber of Infra-red Spectroscopy	U
R-2862	Test of Model TDP-1 Loran Transmitter Equipment	U
O-2863	Preliminary Report on Dynamic Penetration by Cones	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
B-2864	Tests for Information on Flood Alarm (Switch) Device CEE No. 55033	C
E-2865	The Determination of Thermal Characteristics of Standard Type Naval Airborne Generators	U
R-2866	Airborne Television Results of Test of High Sensitivity Conversion Unit, PH-548/AXT-2A, Serial #93, for models AJR or ATJ Television Equipment	C
R-2867	Final Report on Type Test of TD-4/APS-3 Target Discriminator	C
M-2868	Summary Report on the Application of the Thermit Process to Production of Carbon and Alloy Steel Castings for Naval Service	U
R-2869	Investigation of RMA and NRL Transformer Test Chambers for Proposed Specification JAN-T-27	U
R-2870	The Radar Jamming Effectiveness of Various Types of Noise Signals	C
R-2871	An Artificial Means of Improving the Azimuth Discrimination of IFF Systems	S
R-2872	Submerged VLF Reception. Study of Various Loop Coupling Methods	R
R-2873	Preliminary Survey of Remote Control Wire Links for Model DAJ-A Direction Finder Installations with Special Reference to Distance up to 3000 Fet	C
M-2874	An Investigation of the Properties of Foundry Cores Made with Two Types of Urea Formaldehyde Binders	U
R-2875	Test of Model (RDH) Panoramic Search Equipment	R
P-2876	The Navy Diaphragm Gas Mask Canister, Type B2	C
P-2877	Chemical Studies on Fungicides. Part I, Correlation of Structure with Fungicidity	U
R-2878	Performance Tests of Model TDY-1 Radar Jamming Transmitter	C
P-2879	Chemical Studies on Fungicides. Part II, Synthesis	U
M-2880	A Precision Casting Investment Produced by Application of the Hydrometer and Cumulative Curve Methods	U
H-2881	Geiger Counter technique for x-ray diffraction part V particle size determination from small angle scattering	U
E-2882	Development of a Unit Generator Control Panel for Naval Aircraft Generators	U
R-2883	MBR Antenna System for Countermeasures Application in the 8-12 CM Wavelength Region	C
R-2885	Determination of RC-120-B Facsimile Equipment Characteristics	R
R-2884	Acceptability Tests of Model F-26/UPR Wave Trap	U
M-2886	The Effect of Temperature on Young's Modulus	U

DECLASSIFIED

DECLASSIFIED

No.	Title	Classification
R-2887	Report RSD Submarine Antenna	C
R-2888	The Theory of Lead Computing Sights	U
R-2889	Field Method Reduction of Bandwidth of Loran Receivers and the Effect on Operation	U
E-2890	Analysis of Environmental test methods for aircraft electrical equipment	U
O-2891	Penetration of Thin Hot Rolled Steel by 37 MM Model Projectile	U
R-2892	Interim Report on type test of AN/APA-5A	U
R-2893	Radar Cross-Section	U
H-2894	Flicker Noise in Vacuum Tubes	U
H-2895	A Five C.P.S. Amplifier for Use with the Passive Bearing Finder	C
R-2896	Airborne Radio - Results of Engineering Performance Tests on, Model AN/ARC - 12 VHF Communications Equip	C
R-2897	Loran, Modification Gain Balance and Receiver Indicators	U
R-2898	The Development and Testing of Pulse Aural Range Devices for Radar Equipments Mark 4 and Mark 12	C
M-2899	First Progress Report on Feeding Ranges of Risers	U
R-2900	Evaluation of Model CXFF Radio Direction Finder - Federal Telecommunications Labs	C
E-2901	Investigation of Methods for Improving the Temperature Compensation of the Eclipse, type 1001 and 1317 AC Carbon Pile Voltage Regulator	U
P-2902	The Biological Deterioration of Thiokol Linings for Gasoline Storage Tanks	U
B-2903	Shaft Revolution Indicators Magneto Voltmeter type	R
R-2904	Test of 1/4 H.P. and 1/2 H.P. Low Inertial AC Servo Drive Motors	C
P-2905	Important Factors Effecting the Sheerest Stability of Lithium Soap Diester Greases	U
R-2906	Factors Affecting Choice of Operating Frequency for Electronic Recognition and Identification System	S
R-2907	The Complex Dielectric Constant of Water at = 3.5 cm. in the Temperature Range 5-80 C.	R
P-2908	Investigation of Methods of Increasing Life and Capacity of Lead Acid Batteries - Preliminary Study of Methods for Evaluating the Corrosion Resistance of Positive Grid Material	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
P-2909	Synthetic Ocean Water	U
R-2910	Test Set TS-148-UP Spectrum Analyzer	U
R-2911	Radio Transmitter Model T299FK39 Captured German Submarine Transmitter	U
R-2912	Servo Amplifier for the 25 to 50 watt low inertia Diehl Servo Motor	R
M-2913	Some Observations on the Weldability of High Strength Wrought Aluminum Alloys	U
P-2914	Decontamination of Landing Craft at San Jose Island	R
P-2915	Thermal Evaluation of Formular Resin	U
R-2916	Servo Amplifier for 1-HP Diehl Low Inertia Servo Motor	R
R-2917	Shock and Vibration Test of Weston Sensitron 813 Servo Mixing Relay	C
M-2918	Melting of Gray Iron in an Oil Fired Crucible Furnace	U
R-2919	Methods for Modification of Model DAJ Direction Finder Equip.	U
R-2920	Final Report on type test of TS-406/UP Test Oscillator	C
R-2921	Vibration, Shock and Salt Spray Test of the 1/4 H.P. Diehl Low Inertia AC Servo Motor	U
P-2922	Investigation of Cuprous Oxide Anti-fouling Paint II - Inactivation of highly regimented films containing metallic copper	U
P-2923	The Development of Rust Inhibitors for the Ucon LB and HB Series Synthetic Lubricants	U
R-2924	Development of the Antenna (Identification) Mark 18, Mod. O	R
R-2925	An 800 Megacycle per second intermediate frequency amplifier	C
R-2926	An approximate Supersonic Wind Tunnel Simulator	U
V-2927	The Design of Vibration Isolating Basis for Machinery	U
P-2928	Ship-bottom Paint Systems II - Studies of the Characteristics of Under-water Primer Vehicles Fortified with various resins	U
R-2929	Test of Model RD 20 Radio Receiving equipment	R
R-2930	Preliminary Study of Guided Missile and Radar Direction Frequency Characteristics in Idealized Radar Beam Rider Operation	S
P-2931	Preliminary Study of Viscosity Determinations on a Potassium Sodium Alloy	U

DECLASSIFIED

No.	Title	Classification
S-2932	Supersonic Measurement of Wall Thickness in Diesel Liners	U
V-2933	Measurement of Vibration on the USS FRANKLIN D. ROOSEVELT CVB-42 Part I after Mark 37 Main Battery Director	U
R-2934	Servo Drive for Stabilized Turntable	R
R-2935	Multiposition Coaxial Switch	R
H-2936	German Lead Sulfide Oil as a Detector of Surface Vessals	C
V-2937	Measurement of Vibration on the USS FRANKLIN D. ROOSEVELT, Part II - SK, SX, and SR Radar Antenna Masts	U
R-2938	Evaluation of Model FSD Frequency Shift Equipment for Naval use	R
R-2939	Survey of Development of Mortar Location	S
M-2940	First Progress Report on the Study of Flow Patterns produced by Basic Design of Gates	U
R-2941	Interim report on System for High Speed Communication - Subject Television	C
R-2942	Final Report on type test of TS-299/UP Standing Indicator	C
R-2943	Development of a Low Power Pulse Transmitter for the Frequency Range 3800-5000 Mc	C
P-2944	A Summary of Progress in Developing Non-flammable Hydraulic Fluids for use in aircraft	U
R-2945	Amplifier for the Diehl Low Inertia 4, 5, and 10 watt Servo Motors	C
P-2946	Ship Pattern Paint Systems III - A Study of Tall Oil and Tall Oil Esters as Possible Resin Substitutes in Anti-fouling Paint	U
M-2947	Micro-radiography of Grey Cast Iron	U
M-2948	The Suitability of the Lehigh Restrained Cracking Weldability Speciman for Naval Use	U
R-2949	Comparison Test of AN/CRD-2 Electronic Goniometer with Mechanically Rotated Goniometer and Watson-watt systems of Radio Direction Finding (Incomplete)	C
R-2950	Vibration, Shock, and Salt Spray Tests of 5, 10 and 25 watt Diehl and 5 Watt Blake Low Inertia A-C Servo motor	R
H-2951	Gamma R .y Fuel Quantity Gage	U
R-2952	Test of Model AN/URQ-1 Stop watch equipment	C
P-2953	Anodic Aluminum Oxides - A Preliminary Report on Transport Properties	U

DECLASSIFIED

DECLASSIFIED

No.	Title	CONFIDENTIAL Classification
H-2954	A Survey of Thermal Radiation from Surface Vessels Part II	C
R-2955	"Upper Atmosphere Report No. I, Part I"	U
R-2956	"Upper Atmosphere Report No. I, Part II"	C
R-2957	Interim report on type test of AN/APS-20A	R
P-2958	Vapor Liquid Equilibria for Mixtures of Alkali Metals (Sodium Potassium)	U
R-2959	Type and Systems Tests of AN/APS-4A	C
R-2960	Type Test of Model RDR Receiving Equipment (Incomplete)	R
V-2961	Measurement of Vibration Amplitudes and Frequencies on the USS JUNEAU	U
R-2962	Gun Launched Guided Missiles	S
O-2963	Characteristics of Short Radius Tube Bends - Third Partial Report	U
P-2964	Borohydrides - Final Report on Contract 173S-10421 from Univ. of Chicago	C
R-2965	Test TS-329/U Dummy Antenna	R
R-2966	Results of Engineering Tests of Model AN/ARC-13(XN-1) UHF Communications Transmitter and Receiver	U
R-2967	Interference Measurements on TDZ and RDZ Equipment (Incomplete)	C
R-2968	Laboratory Model for Marine Corps Radar Mk. 20 Mod. 2 for Mortar Location (Incomplete)	S
V-2969	Application of the Inherent Flexibility Factor in the Design of a Mounting System	U
R-2970	Systems Tests of Block XFM Modulation Relay Rack	C
R-2971	R. F. Antenna Filters for Project Cadillac	R
R-2972	Coding and Security of Electronic Recognition and Identification Systems	S
R-2973	Application of Harp for the elimination of the altitude line	C
R-2974	Analysis and type Tests of remote control - Indicator systems for MDR, RDR, and RDZ Radio communications equipment	R
H-2975	(No Report)	
O-2976	A Comparative Study of the Chamberlain Mount and other shock and Vibration Mounts	U
O-2977	Electron Micrometer Tube	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
R-2978	Investigation of the factors involved in the development of a continuously variable receiver XCS-2	C
P-2979	K-Band Harp Material Formula Development	S
R-2980	A Proposed Method of coding and Displaying IFF Replies in the Form of Letters	S
P-2981	Status Report on the Effect of Overvoltage, voltage Regulation, Altitude and the Ratio of Electrolyte to Active Material on the Characteristic of Aircraft Storage Batteries	U
M-2983	Segregation in Small Steel Castings	U
R-2984	Survey of Tuned Circuits for the 300-3000 Mc frequency range	R
R-2985	Development of Preselector Units covering the Frequency ranges 85-180 Mc, 175-355 Mc and 350 to 700 Mc	C
R-2986	(No Report)	
P-2987	Manufacture of Harp Film by Spraying Method	S
R-2988	MAR Vehicle Antenna	C
R-2989	Antenna Pattern Plotter for Frequencies 20-10,000 mcs. per second	U
R-2990	Slotted Line Impedance Measurements through arbitrary Length of Dielectric Cables	U
R-2991	Radar Homing System for Expendable Radio Sono-buoy AN/CRT-1B	C
R-2992	Simultaneous Operation of Several UHF Receivers or Transmitters on one Antenna	C
M-2993	Solidification Characteristics of Grey Cast Iron	U
R-2994	A Wide Range, Wind Band FM Oscillator	U
M-2995	(No Report)	
B-2996	Glare Reduction of Low Reflection Coatings on Instrument Windows	U
R-2997	Interim Report on Type Test of the AN/APS-19	R
R-2998	Evaluation of the VHF Band A140-600 Mc Experimental Radio Direction Finder Developed by Federal Tel. Lab. under contract OEMsr-961	C
R-2999	Jeep Mounting of RCA MAR Antenna	C

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
P-3000	Loss factor and Dielectric Constant Curves for pure Diesters	U
R-3001	Airborne Radio-Results of Eng. Performance Tests Model AN/ARC-2 MHF Communication Equipment	R
O-3002	Report on Torsion Meter Investigation	U
P-3003	Ammonia Desorption Studies on Type ASC Gas Mask Absorbent	U
M-3004	Radiographic Film Processing Units	U
R-3005	Factors Affecting Choice of Transmission Frequencys for Line-of-sight systems	U
R-3006	The Reception of Radio Signals from a Submerged Antenna	S
R-3007	Signal Threshold Studies	U
R-3008	Experiments on video mixing & Limiting on Signal Threshold Studies	U
P-3009	The Final Report on Performance at 6 inch Aeroresonators.	R
P-3010	Quarterly Progress Report on the Measurements of the Physical and Chemical Properties of the Potassium Sodium Alloy. No. 1	U
P-3011	Ship-Bottom Paint Systems-5 Factors Influencing The Performance of Standard Ship-Bottom Paint Systems	U
P-3012	Anti-Corrosive Coating For Magnesium II Tide Level and Weather exposure at Miami, Florida.	U
R-3013	Telemetering Equipment Developed and Provided by the Naval Research Laboratory For General use in the V-2 Firing	U
M-3014	The Naval Research Laboratory Betatron Laboratory	U
R-3015	Interim Report on Experimental Synchronous Polarity Reversal Equipment	S
R-3016	AN/TPX-14 System for Mark 5 IFF	C
B-3017	C.I.C. Communications Unit. Manufacturers Guided Radio Co. Investigation of	R
H-3018	Weathering of Luminous Material	U
H-3019	First report on the development of the infra-red annunciator system	C
P-3020	Report on Hydrolubes	U

DECLASSIFIED

DECLASSIFIED

No	Title	Classification
H-3021	The Interpretation of Electron Diffraction Patterns from Hydrocarbon Films	U
R-3022	Gunfire Control System Mark 61 Prob. 0143T-C	C
R-3023	Some Observations of Atmospheric Noise and propagation Factors in the Arctic Report on Project Nanook	R
R-3024	Field method of Amplitude Balance changes of Loran Receivers and the effect on operation	U
M-3025	Connection Current in Grey Cast Iron	U
R-3026	Lobing Array for Mark V IFF	C
R-3027	Sea Emergency Radio. Results of Engine Performance Analysis on Two Sea Emergency Receivers Designated as Model AN/CRC-7 by Sentinel Radio Co. Prob. S2154E	U
P-3028	Remote Reading Spec. Gravity Indicators for Submarine Storage Batteries	U
R-3029	Survey of Features of German Powdered Iron components	U
R-3030	Upper Atmosphere Research Report No.2 Part I	U
R-3031	Upper Atmosphere Research Report No. 2 Part II	C
R-3032	Typical servo Systems analyzed as feed back amplifiers	U
P-3033	The Analysis of the Insecticide. (Hexachlorocyclohexane)	U
E-3034	Evaluation of CEE (German) obtained by Naval Tech. Mission to Europe	U
E-3035	Comparison of Methods of Parallel Operations of Aircraft Generator & Electric Systems	U
R-3036	Removal of Mast Reflections by Harp in the SG Installation aboard Destroyers	C
R-3037	Design and Development of Antennas and R.F. Components for Simultaneous Lobing Radar	S
R-3038	Evaluation of Model CXGH-2 Radio Direction Finder Equipment	U
P-3039	The Analysis and Properties of German Polyethylene Oils	U
M-3040	Properties of Quenched and Tempered HTS Plate	U

DECLASSIFIED

DECLASSIFIED

No	Title	CONFIDENTIAL Classification
R-3041	A Dynamic Standing Wave Indicator	U
R-3042	Design and Development of Antenna and R. F. Component for Simultaneous Lobing Radar	S
R-3043	Investigation of Characteristics of Model CXHQ Radio Control Equipment for Naval Air Station Control Tower	U
P-3044	Some Derivatives of Organo Phosphorus Acids	U
R-3045	An Experimental X-Band Radar Antenna for Submarine Periscope	C
R-3046	Report on Research and Development Resulting in a Improved Radio Scanning Adapter for Communication Reception	U
P-3047	Report on Properties, Naval Uses and Effect on Non-Ferrous Metals of Shell Vapor Phase Inhibitors, V.P.I. 220 and 260	U
R-3048	Evaluation of Model OCQ Re-Radiation Frequency Meter	U
R-3049	3800-5000 Mc. Horn Antenna for Calibration of DBM-1 Equipment	C
R-3050	Interference Analysis of 100 Primary Communication Channels and Guard Channels 225-400 Mc (TDX-RDR)	C
R-3051	Interference Analysis of 100 Primary Communication Channels and Guard Channels 225-400 Mc (MAR-RDZ) Equipment	C
R-3052	Interference Analysis of 100 Primary Communication Channels and Guard Channels 225-400 Mc (MAR-RDR)	C
R-3053	Test of RSD Submarine Antenna #2	C
R-3054	Input and Output Admittances of the 6AG5 Tube in the VHF Range	U
R-3055	Electronics AN/APA-48 Airborne Direction Finding Equipment. Interim Report on Type Test of Model - Problem S-1450TP	U
R-3056	Frequency Instability in Cavity Resonators Made of Metal	C
P-3057	Quarterly Progress Report on the Measurements of the Physical and Chemical Properties of the Sodium Potassium Alloy	U
R-3058	Notes on Development of Systems for Common Antenna Working 230 - 390 Mcs	C
R-3059	Analysis of Channel Interference on Communications Systems (225-400 Mcs)	C
H-3060	A Survey of Thermal Radiation from Surface Vessel	C
B-3061	Propeller Revolution Indicating Equipment	U
B-3062	Development for Standardization of Indicator Systems for Shipboard Use (German Wind Systems)	C

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

No	Title	Classification
R-3063	Lark Servo Mechanism Variable Linkage	S
O-3064	Fourth Partial Report on Gas Pulsator	U
R-3065	A Pressurized Mercury Delay Line for Fleet Service	C
P-3066	Final Report on Reflection Reducing Coatings	R
R-3067	Examination of the X-DAY	U
H-3068	Contributions of Restricted Rotation to Electron Scattering of Gases	U
H-3069	Sky Radiation Measurements at White Sands, New Mexico	U

DECLASSIFIED