

SUT00011082

U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

NP16/AS-4/L5 (2)

From: Director.
To: Bureau of Ships.
Via: Superintendent, U.S. Naval Academy.
Subject: Monthly Report of Tests - December 1940.

Inclosure: (A) Summary of Reports Submitted.
(B) List of Tests Incomplete.
(C) Addenda to Alphabetical Index of
Tests Dated October 31, 1934.
(D) List of Tests Reported During Month
Ending December 31, 1940.

1. Inclosures showing status of experimental
and test work are submitted.

A. T. Church
A. T. Church

CRMCM&S-003698

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

SUMMARY OF REPORTS ASSIGNED AND SUBMITTED THIS MONTH

Inspection Tests

Tests brought forward from November 1940	235
Tests assigned	144
Tests reopened	0
Tests cancelled	0
Tests closed out	168
Tests remaining open	211
 Reports submitted	 303
Supplementary reports submitted	4
Total reports submitted	307

Other Tests

Tests brought forward from November 1940	473	
Tests assigned	62	
Tests reopened	4	
Tests cancelled	3	
Tests completed	44	492
 Tests incomplete (listed in inclosure B)	 472	
Tests complete but held open awaiting financial adjustment (listed in inclosure B)	 11	
Tests assigned and completed during month and listed in inclosure B for record purposes	 9	492
 Reports submitted	 35	
Reports submitted on tests completed but held open awaiting financial adjustment	 6	
Reports submitted on tests assigned and completed during month ...	10	
Supplementary reports submitted	19	
Total reports submitted	70	

Summary

Inspection reports submitted this month	307
Other " " " "	70
Total " " " "	377
" " " " fiscal year prior to this month.	1701
" " " " fiscal year	2078

NOTE:- Requests for copies of reports of tests should be submitted to the Bureau of Ships prior to the completion of the test.

INCLOSURE (A)

CRMC-M&S-003699

DOCUMENT REQUEST FORM

INITIALS

DATE

WEJ

10/12

ACCESSION NUMBER

19-62A2160 Box ³/₁₅

BOX NUMBER

DC000681

SEGMENT NUMBER

17

NUMBER OF PAGES

1

DESCRIPTION

U.S. Naval Engineering Experiment Station
Monthly report of tests - Dec. 1940
File # NP16/L5

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending December 31, 1940

B-3369	\$ 500.00	10-24-40	Crankshaft-for Martin Motors Diesel eng.-Cont. NOS-76673-Torsion tests.	Prelim.rep.made. Final rep.in prep.	WCS
A	C-NOS-76673(10-15-DYs-2)	C-S-1-5			
B-3371	--	11-25-24	Welding process-Qual.of for weld,soot blower elements- Pug.Sd.NYd.	Report in printing	WCS (BR)
A	L5/NP16 (11-14-Ds)				
B-3372	--	10-25-40	Oils,lub.,aircraft eng. Spec AN-9532- Union Oil Co.of Calif.	Matl.not recd.	JGO
B	Aer-E-431-RY,JJ14,QM(+066)				
B-3373	--	7-23-40	Oil,lub.,Symbol 5190- Union Oil Co.of Calif.	Matl.not recd.	JGO
B	JJ14 (7-10-SS)				
B-3383	--	10-24-40	Insul.,Pipe cov.& Blocks 85% magnesia,precision molded-Plant Rub.& Asb.Tks.	Underway.	JGO
B	JJ32 (DYs-4)				
B-3386	--	8-20-26	Tubes,boiler- Removal of USS MONTGOMERY.	Underway 35%	WCS
B	DD287/S51(7-24-Ds)				
B-3388	\$ 400.00	10-29-40	Oils,lub.,Sym.2075-2190 & 3050-3120-Shell Oil Co.	Matl.recd. Underway.	JGO
B	JJ14 (DYs-4)				
B-3396	--	8-20-26	Meters,f.oil- Calib.for trials RAVEN & OSPREY-Norfolk NYd,builder.	Rep.A made. Continuing.	JBL
A	DD287/S51(7-24-Ds)				
B-3397	\$ 175.00	10-31-40	Thermom.dist.reading dial-Moclier Instr.Co.	Rep.made. Continuing.	JBL
A	S87(5) (DYs-2)				
B-3398	--	8-20-26	Oil,lub.,Symbol 3065- USS TAUTOG.	Underway.	JGC
B	DD287/S51(7-24-Ds)				
B-3399	--	10-31-40	Traps,steam,open bucket, Type I,Class A- type appr. test- V.D.Anderson Co.	awaiting matl.	JBL
B	S48-23 (DYs-2)				
B-3410	\$ 100.00	10-30-40	Bearings,roller,Navy type A- Ball & roller Brg.Co.	Arrangements underway.	JBL
B	JJ/Bearings(2)(DYs-2)				
B-3413	--	10-29-40	Oils,lub.,Symbols 1042 & 1047- Union Oil Co.of Cal.	Matl.not recd.	JGC
B	JJ14 (DYs-4)				
B-3414	\$ 100.00	10-31-40	Oils,lub.,Esso Avia.1080 & 1150- Standard Oil Development Co.	Compl.& Rep. await.finan.adj.	JGC
B	Aer-E-431-LHL,JJ14 QM(375)				
B-3415	\$ 35.00	10-31-40	Compds.,rust prev.,Non-slick- R.M.Hollingshead.	Matl.recd. Test underway.	JGO
B	JJ52(15) (DYs-4)				
B-3419	--	11-25-24	Oil,lub.-Samples from Hooven,Owens,Rentschler Co.	Rep.A sub. Continuing.	JGO
A	L5/NP16 (11-14-Ds)				

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19-62A2160 Box 3/15	DC000681	18	1
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U.S. Naval Engineering Experiment Station -Monthly report of tests - Dec. 1940 File # NP16/L5.			

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

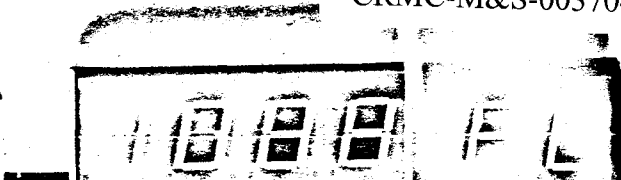
Report of tests for month ending December 31, 1940

B-3086 B	--	8-21-40 S39-2(SS)	Insul., lagging, heat trans. Underway. factor-Galv. steel, fibrous glass & asbestos coverings.	JGO
B-3093 A	--	8-26-40 SS/S-8-24 (DYS)	Valve, red. air dom. loaded Matl. not recd. Type 36H4- Foster Eng. Co.	JBL
B-3104 A	--	8-29-40 S51-3(6) (8-28-DYS)	Gage, boiler water level- Matl. not recd. L.J. Dardo Co., Inc., exhib.	JBL
B-3126 B	--	9-4-40 S48-23 (8-28-DYS)	Traps, steam, open bucket, Cl. Matl. not recd. B, Type approval test- Kieley & Mueller, Inc.	JBL
B-3128 B	--	9-3-40 S48-23(8-26-DYS)	Traps, steam, redesigned- Matl. not recd. type approval test - Armstrong Mach. Works.	JBL
B-3131 A	--	8-27-40 S48-10 (DYS)	Weld. neck flanges-Bu. Stds. Formal rep. D B-196- Inves. of strains being printed.	TCS
B-3138 A	--	9-6-40 Nos-73837	Heaters, deteriorating-Cont. Rep. A sub. Nos-73837-Elliott Co. Final rep. in prep.	JGO
B-3142 B	--	9-5-40 S87(1)(8-27-DYS)	Thermom., mech. Weston Underway. Electrical Instr. Co. About Dec. 15.	JBL
B-3150 B	--	8-24-40 JJ43 (7-11-DYS)	Compounds, anti-seize- Report in prep. I.H. Grancell.	JGO
B-3151 B	--	9-3-40 JJ33 (1)(8-19-DYS)	Pack., ash. high pres. rod Underway. General Ash. & Rubbr. Div. Raybestos-Manhattan, Inc.	JGO
B-3152 B	--	8-29-40 JJ33(1) (8-6-DYS)	Packing, plastic, for dogs Underway. for watertight closures- Johns Manville.	JGO
B-3160 A	50.00	9-10-40 Acr-E-31-LHL, QZ(6826)	Gasoline, avin., 100 octane Compl. & rep. Spec. AM-9531-Maritime Oil Await. finan. adj.	JGO
B-3164 A	--	8-30-40 S41-1 (DYS)	Metals-Steel, double shear Underway 60% test-suggested for use in Await. add. matl. locking pins in turb. rotor.	TCS
B-3165 A	50.00	7-23-40 JJ14(7-10-SS)	Oil, lub., Sym. 5190, sub. by Compl. & rep. Socony-Vacuum Oil Co., Inc. Await. finan. adj.	JGO
B-3168 A	--	11-25-24 L5/HP16 (11-14-DYS)	Weld- Piping, steel, carb- Orig. samp. bored (TCS molyb. weld- Proc. appr. out- Await. add. matl. (BR test- N.Y. Shipbldg. Corp. Underway 70%.	
B-3173 B	--	7-15-40 CL49/S51 (Dh) (SS)	Boilers-Leaky superheater Underway 50% (TCS blind nipples- ST. LOUIS. (BR	

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Report of tests for month ending December 31, 1940

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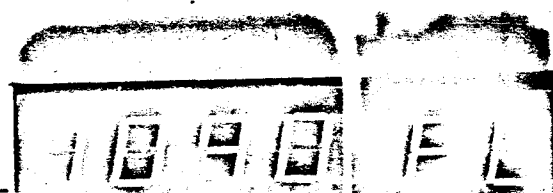
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Report of tests for month ending December 31, 1940

B-2748 A	--	6-11-40 JJ46-5 (SS)	Metal, lead-lithium-bearing.	3 compositions under test.	CS
B-2750 B	--	8-20-26 DD287/351(7-24-Ds)	Header, boiler, USS AM-TARES- Exam. & test of.	Underway 25%.	CS
B-2752 B	--	5-15-40 QP/Welding/L5(3-12-Sw)SS	Weld. of cast alum.- Proc. appr. test for- N.D. Spec. 46.1, Cl. 2- General Elec. Co.	Matl. not recd.	(CS (BR
B-2778 B	--	--	Engines, Diesel- Atlasco Injection system for.	Tests compl. Report 25% compl.	FJ
B-2783 A	--	6-14-40 S43-1 (1)(6-5-SS)	Shaftings, Superfinish proc. for finish, bear. surfaces.	Underway 15%.	(CS (JBL
B-2793 A	--	4-27-40 S41-3(SS)	Bearings, Diesel engine & related problems in lubrication- Investigation of	Welding tests under- way. Lauson, G.H., Cater. & Atlas eng. being installed.	(FJ (BR
B-2797 A	--	6-25-40 JJ151C11 (M15)	Compd., rust prev., Brilco- Brilco Laboratories, Inc.	Underway.	JGO
B-2806 A	--	6-25-40 S43-1(5-28-SS)	Coupling, clutch, Type FBO 150- Tomney Clutch Co.	Matl. not recd.	JBL
B-2810 B	--	6-21-40 S39-1 (6-13-SS)	Insul., Felt, Rockwool, for boiler uptakes- Eagle Picher Sales Corp.	Underway.	JGO
B-2811 B	--	6-21-40 JJ33(1)(6-5-SS)	Pack., compd., jt. sealing, Duroloid- E. J. Proc. Co.	Underway.	JGO
B-2812 B	75.00	6-22-40 JJ32(6-13-SS)	Insul., cement, Cl. B- Webbers 48- Forty-Eight Insul. Inc.	Underway.	JGO
B-2813 B	--	6-21-40 S41-5 (SS)	Engine, intern. combustion- Fiedler Injec. sys. for.	Program prep. Matl. ready. await. nozzles.	FJ
B-2814 B	--	6-21-40 S55-2 (5-17-SS)	Filters - Diesel fuel oil	Matl. being obtained. Test set-up 20% compl.	FJ
B-2819 B	--	4-27-40 SS1-3(SS)	Oil, lub., Texas Co. #303 in Diesel engines.	1164 hrs. eng. 4649 100 hrs. CFR 100 hrs. GZ 6-71	FJ
B-2820 B	--	4-27-40 SSL-3(SS)	Oils, lub.- Sinclair "Gascon" in Diesel engines	Abeyance, indefinitely.	
B-2821 C	--	6-27-40 JJ33 (1)(6-14-SS)	Compd., jt. sealing- Tite-seal-Radiator Specialty Co.	Underway.	JGO

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Report of tests for month ending December 31, 1940

B-2606 B	--	4-24-40 S39/L5 (12-29-SS)	Insul., felt, woven glass- U.S. Asbestos Division, Raybestos-Manhattan, Inc.	Underway.	JGO
B-2628 A	--	Oral	Engine, Diesel, Winton 12- cyl, 201. Tests of eng. parts & lub. oils in- at New London, Conn.	Tests interrupt. gen. fail. at 780 hrs.	TFJ
B-2639 B	--	5-11-40 QP/W&C (4)(1) (SS)	Weld. electr., Appr. C-Mo steel- Detec. of time current relations of.	Assembling mats. for test.	BR
B-2640 B	--	4-19-40 JJ14 (4-9-SS)	Oil, lub., Diesel eng.- Improved non-corrosive RPM brand of.	Work factor, 50%; Eng. TFJ 4649, 518 hrs.; Eng. 5174, 266 hrs.; CFR 442.85, 306 hrs.; GWS-71, 71 hrs.	
B-2642 B	--	5-10-40 JJ33 (4-9-SS)	Pack., plastic, for dogs for watertight closures- Hound Packing Co.	Underway.	JGO
B-2648 A	--	5-9-40 JJ46-(0) (5-2-SS)	Alloy- Colalloy - Colonial Alloys Co.	Weld; await matl. Matl; Underway 75%	(WCS BR)
B-2666 B	--	5-17-40 JJ-1361c (4-25-SS)	Glasses, gage, rd. Red Line type- Corning Glass Wks.	arrangements underway.	JBL
B-2667 B	--	5-13-40 QP/Welding/L5(3-12-Sw)SS	Weld- Cast mang-vanadium alloy steel- Proc. approv. test- General Elec. Co.	Matl. not recd.	(WCS BR)
B-2668 A	--	5-14-40 S48-10 QP/W&C (SS)	Metals- Matl. for steam scr. - Install. to operate at superheater outlet temp. 950° F. & pres. about 1500 lbs. per sq. in.	Report made. Continuing.	WCS
B-2701 B	--	5-29-40 QP/W&C (4) (1) (5-8-SS)	Weld-Electr. Vicphosco phos-bronze- Suit. test- Victor Equipment Co.	80% completed.	BR
B-2716 B	--	5-14-40 JJ33 (4-22-SS)	Pack., plas. fibrous, Sym. 1106, 1107, 1432, 1433- Johns Manville Sales Corp.	Underway.	JGO
B-2733 B	--	6-5-40 JJ33(2) (5-24-SS)	Connector, flex. for pres. gages- Packless Mat. Prod.	Matl. not rec'd.	JBL
B-2737 A	--	6-26-28 JJ7-6/L5 (6-13-S)	Oil, lub., aircraft engine- Period between changes of in Patrol Aircraft- Samp. from Patrol Squad. 26.	Rep. F sub. Continuing.	JGO

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending December 31, 1940

B-1583 B	-- JJ14/L5 (7-8-Ds)	7-14-39	Oil, lub., SUPERSOLV Lub. Ad & Top Oil "D"- Portable Plating & Equip. Co.	Awaiting new lub. oil.	WFJ
B-1666 B	\$ 75.00 JJ32/L5 (7-31-Ds)	8-5-39	Insul., block, Eagle Super. temp.- Eagle-Picher Sales Co.	Report A sub.	JGO
B-1673 B	-- JJ46/L5 (7-27-Ds)	8-3-39	Alloy, Cu-Ni (70-30) International Nickel Co.	Report being printed.	WCS
B-1682 A	-- S46-5/L5 (7-17-Ds)	8-19-39	Tubing, finned, used in heat trans. apparatus- Deter. optimum design for.	Extended inves. Report B sub.	JBL
B-1690 A	-- S41-5/L5 (2-2-Ds)	2-4-37	Piston assembly, permanent mold casting with bevelled rings-for Winton submar- ine Diesel engines.	#8 pist. compl. on 5474 eng., 16415 hrs. #9, on 5474, 19 hrs. T-1 alloy, 650 hrs.	WFJ
B-1693 A	-- JJ14/L5 (8-11-Ds)	8-12-30	Compd., rust prev.- Polar as substitute for Navy type- Investigation of.	Report M sub. Continuing.	JGO
B-1695 B	-- QF/Welding/L5 (7-27-Ds)	8-14-39	Weld., electr.- KOP-R-ARC shielded arc, copper- Suit. test- Krebs & Co., exhib.	80% completed.	BR
B-1707 B	-- A13-3 (11-1-Ds)	8-16-39	Weld. rods for hand-facing steam valve discs & seats- Suit. test- Last-Ever Met. Co.	Awaiting matl.	BR
B-1736 B	-- JJ33/L5 (8-8-Ds)	8-19-39	Pack., plas. non-metallic- with asb. & wire jackets- Johns Manville Corp.	Underway. Partial rep. sub.	JGO
B-1737 B	-- JJ33/L5 (8-10-Ds)	8-15-39	Pack., plas. metallic, John Crane 250- Crane Pack. Co.	Underway. Partial rep. sub.	JGO
B-1738 B	\$ 125.00 JJ33/L5 (8-15-Ds)	8-21-39	Pack., asb. high pres. rod- Style 8219- Warlock Pk. Co.	Underway. Partial rep. sub.	JGO
B-1739 B	-- S47/L5 (6-30-Ds)	8-30-39	Valve, governor, pump- Grove Regulator Co.	Report A made. Retest underway.	JBL
B-1766 A	-- JJ46-1/L5 (9-8-Ds)	9-12-39	Metals, steel, 18-8 Cr-Ni with Ag- Lebanon Stl. Fdry.	Tests of 2nd lot of matl. underway.	WCS
B-1786 A	-- Oral, Bueng	8-10-39	Cyl. heads, cast alum.- Suit. of Winton 201a Diesel eng.	Report A sub.	WFJ
B-1789 B	-- S55 (9-2-Ds)	9-6-39	Indicator, dissolv. oxygen- Serv. test of- NRL, Wash., DC	Not yet underway.	JGO
B-1808 B	-- S48-23/L5 (7-24-Ds)	9-15-39	Valves, plug- Reed Roller Bit Co., exhib.	Underway 80%	JBL

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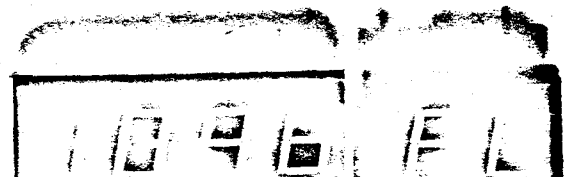
Report of tests for month ending December 31, 1940

B-1345 B	--	5-5-39 S39/L5 (8-2-Ds)	Insul., glass fiber felt Union Asbes. & Rubber Co.	Report in prep.	JGO
B-1384 B	--	5-10-39 JJ33/L5 (5-3-Ds)	Pack., plas. met. coil form met. foil jacket-VALVEASE	Report in prep.	JGO
B-1387 B	--	5-18-39 QS13 (5-9-Ds)	Filters, bil- Anal. of samp. oil from U.S. Coast Guard.	Report W sub. Continuing.	JGO
B-1388 B	--	5-17-39 JJ33/L5 (5-11-Ds)	Pack., plas. metal. coil form, metal. foil jacket, Sea-Ko Armored Nix-Seal Style 501- Sea-Ko Pk. Co.	Underway. Partial rep. sub.	JGO
B-1415 B	--	5-25-39 S19/L5 (5-3-Ds)	Coating, protec., Condenser tubes-Phelps Dodge Prod. Co.	Underway 75%	WCS
B-1471 B	--	6-13-39 S48-23/L5 (5-19-Ds)	Traps, steam, impulse type with integral strainer- Yarnall-Waring Co.	Report in prep.	JBL
B-1477 B	--	6-7-39 S48-23/L5 (3-17-Ds)	Valves, plug, for fo. feed- water & steam services- Kuchler-Huhn Co., Inc.	Extended service test underway.	JBL
B-1494 B	--	5-23-39 S39/L5 (5-1-Ds)	Insul., block, molded asbes. UNIBESTOS- Union Asbestos & Rubber Co.	Underway. Partial rep. sub.	JGO
B-1496 B	--	5-26-39 JJ33/L5 (5-22-Ds)	Pack., valve stem, square braided- The Darcoid Co.	Underway.	JGO
B-1500 B	--	6-13-39 J41/L5 (6-2-Ds)	Tool, silver brazing, for Cu & Cu-Ni alloy tubes.	Underway 60%	WCS
B-1506 B	125.00	6-21-39 JJ33/L5 (6-12-Ds)	Pack., asb. high pres. rod- Asbes. Fibre Spinning Co.	Underway. Partial rep. sub.	JGO
B-1507 B	--	6-27-39 S48-23 (5-5-Ds)	Valves, boiler blow-off- L.J. Bordo Co., Inc.	Matl. not recd.	JBL
B-1521 A	--	6-28-39 S41-5 (6-27-Dq)	Liners, cyl., chromium- plated, Diesel engine- Van der Horst process.	5561 hrs. on 5474 engine - rough dft. rep. sub.	WFJ
B-1542 B	--	6-24-39 JJ46-6/L5 (3-15-Ds)	Alloy, alum. cast- Mat'l Bronze & Alum. Fdry. Co.	Prelim. rep. made. Continuing.	WCS
B-1558 A	--	7-10-39 JJ46/L5 (6-15-Ds)	Alloy, silver brazing, Easy- flo W3 - Handy & Harman.	Prelim. rep. made. Continuing.	WCS
B-1576 A	--	7-11-30 S48-24/L5 (6-30-Ds)	Valves, plug, for boiler blow-off & feedwater serv.- Barrett Mach. Co.	Underway 90%	JBL

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending December 31, 1940

B-908 B	\$ 400.00 S47/L5 (11-15-Ds)	12-16-38	Pump, rotary gear, for M1 & M1- Schutte & Koerting	Exhib. making modifications.	JBL
B-931 B	\$ 125.00 S39/L5 (12-21-Ds)	12-27-38	Insul., Super Unibestos- Union Asbos. & Rubber Co.	Underway.	JGO
B-967 B	-- JJ46/L5 (8-12-Ds)	1-5-39	Metal- Al-Mn-Bronze- Chase Brass & Copper Co.	Data being assembled.	JCS
B-969 B	-- QP/Welding (12-7-Ds)	12-28-38	Weld-Carb-molyb. steel atm. report E-1 made. pipe- Proc. appr. test-Boilers BYds, Phila., N.Y., Norfolk, Pug. Sd. & Mare Island.		(JCS (BR
B-1016 B	-- S39/L5 (11-19-Ds)	11-23-38	Insul., Blanket, turbine- Fiberglas brand- Owens- Corning Fiberglas Corp.	Underway.	JGO
B-1017 B	-- L5/HP16 (11-14-Ds)	11-25-38	Tubes, boiler- Condition of- USS TULSA.	Report in prep.	JCS
B-1063 B	-- JJ33/L5 (6-28-Ds)	7-5-38	Pack., flex. met.-Garlock Stylus 5347 & 5348 - Garlock Packing Co.	Underway.	JGO
B-1075 B	-- JJ46-1/L5 (12-1-Ds)	1-23-39	Metals-Bolt matl- Bueng. Spec. 43B14 (INT), 12/1/38- Inter. Nickel Co., Inc.	Matl. not recd.	JCS
B-1095 B	-- DD287/S51 (7-24-Ds)	8-20-26	Tubes, from #13 boiler- U.S.S. SARATOGA.	Report in prep.	JCS
B-1116 B	-- A5-7/DD (10-26-Yh)	11-30-38	Tube, boiler, failed- USS LANSON- Examination of.	Report in prep.	JCS
B-1144 B	\$ 85.00 S87(A)/L5 (1-10-Ds)	3-3-39	Thermom. dist. read. dial- Thomas A. Edison, Inc.	Prelim. report sub.	JBL
B-1146 B	-- JJ33/L5 (11-19-Ds)	12-13-37	Pack., comp. asbes. sheet- with neoprene binders- sub. by various mfrs.	Report A sub. Rep. B in prep.	JGO
B-1156 B	-- JJ14/L5 (9-3-Ds)	2-28-39	Compd., anti-seize, ORSA brand- E.L. Orndorff.	Underway.	JGO
B-1158 A	-- S56-5 (3-7-Ds)	3-9-39	Feedwater, boiler- Design of appar. for dissolved oxygen determination.	Report C sub. Continuing.	JGO
B-1169 B	-- JJ33/L5 (3-6-Ds)	3-11-39	Pack., gaskets, boiler & pipe flange- PSIROTALLIC Johns Manville Co.	New samples to be submitted.	JGO



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B-300 B	-- S43-2/L5(4-3-Ds)	5-18-38	Bearing matl.-The Amer. Brake Shoe & Foundry Co.	Continuing.	JBL
B-343 B	-- JJ33/L5 (5-3-Ds)	5-25-38	Pack., semi-metallic, Sym. 1-00- Union, sb. & Lubr. Co.	Underway.	JGO
B-375 B	-- Reqn. ENG/2/79601.	5-4-38	Evaporators, Kleinschmidt vapor compression type distilling plant.	Exhib. making chngs. in compressor.	JBL
B-386 B	300.00 S41-3/S82/L5(5-16-Ds)	6-8-38	Couplings, flex.-Thomas Flexible Coupling Co.	Service test underway.	JSL
B-398 A	-- S39/L5 (12-18-Ds)	12-37-37	Insul., cement, water-proof cont.- INSULNOTE & EAGLE IN- SULSUL- J. Kinville Sales Corp. & Eagle-Picher Co.	Report in prep.	JGO
B-401 B	-- QP/Welding/L5(6-9-Ds)	6-27-38	Weld- Columbium bear.-4-6% Matl. on hand Cr-Mo steel(0.50% Mo)		BR
B-402 B	-- JJ33/L5 (4-15-Ds)	6-18-38	Pack., Gaskets, spiral wd. metal, asbes.-Axor Corp.	Underway.	JGO
B-403 B	-- DD415-20/S48(6-10-Ds)	6-21-38	Radiators, steam heating- sub. by NYD, Boston.	Underway as oppor- tunity permits.	JBL
B-432 B	-- S48-24(M)/L5(6-17-Ds)	6-28-38	Valves, reducing- O.C. Kockley Co., Inc.	Exhib. making changes.	JBL
B-457 A	-- S48-23/L5 (31-Ds)	6-17-38	Comps., sealing, turbine casing, sub. by var. mfrs.	Report J sub. Continuing.	JGO
B-457 A	-- S48-23/L5 (31-Ds)	6-17-38	Comps., sealing, thread joints, sub. by var. mfrs.	Report I sub. Continuing.	JGO
B-463 B	-- JJ33/L5 (6-7-Ds)	6-22-39	Packing, plas. non-graph.- with braid, asbes. jacket- The Allpax Co., Inc.	Report in prep.	JGO
B-483 A	Reopened S39/L5(1-30-Ds)	2-4-39	Insulation, Rockwool, Im- proved TUCO UL-Tuco Co.	Underway.	JGO
B-490 B	-- QP/Welding/L5 (6-25-Ds)	7-19-38	Weld. electrodes, Phos-Br. Edco Process-Eccles & Davies Machy. Co.	Awaiting new material.	BR
B-494 B	-- JJ33p5 (1-17-Ds)	1-20-38	Insul., pipe covering- Rockwool- NDS 32P5c of 12/1/37- Revision of.	Recommended for Cancellation.	JGO
B-504 B	50.00 JJ43/L5(7-15-Ds)	7-30-38	Nut, self-locking- Boots Aircraft Nut, exhib.	Report in prep.	JBL

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B-42 B	-- JJ Solder(2-23-Ds)	2-28-38	Solder, silver, medium temp. (Cadmium silver)	Underway 50%	TCS
B-61 A	-- SS182-4/S41(1-21-Ds)	1-29-38	Noise clim.-Subm.marin propul.plants- Sd.Anal.	Report D sub. Continuing.	JBL
B-84 B	-- S39/L5 (2-14-Ds)	2-21-38	Insul., Rockwool blanket pipe covering No.100 Baldwin-Hill Company.	Report in prep. Jan.10.	JGO
B-108 B	-- JJ7-3/L5(12-3-Ds)	3-15-38	Pumps, f.o.-Effect of low viscosity on capacity.	Rep.A sub.-Underway as oppor.permits.	JBL
B-146 B	-- QP/Welding/L5 (3-31-Ds)	4-2-38	Weld- Effects of arc length on properties of Ni-Cu alloy and pure nickel.	Report A sub. await.add.matl.	BR
B-161 B	-- JJ33/L5 (3-2-Ds)	4-7-38	Pack., valve stem, QP self-setting-Q-P Signal Co.	Underway.	JGO
B-166 B	-- QP/Welding/L5 (4-12-Ds)	4-13-38	Weld- Mouldough Powder- for use as backing matl. MetalBond Mfg.Co.	Underway. Prelim. test completed. Report in prep.	BR
B-190 B	-- JJ33/L5(4-5-Ds)	4-13-38	Pack., plastic mat.Type CAR NDS 33P25a- Linear Packing & Rubber Co.	Underway. Partial rep.sub.	JGO
B-209 A	450.00 S48-23/L5(4-7-Ds)	4-14-38	Valves, redesigned Foster Type EPSN excess pres.gov. Foster Engineering Co.	Rep.A sub. Rep.B in prep.	JBL
B-210 B	200.00 S48-23/L5(3-4-Ds)	4-22-38	Traps, thermo., Sterling Engineering Co.	Underway.	JBL
B-267 B	-- S48-23/L5(3-22-Ds)	4-29-38	Separator, steam- Dri-SteamValve Sales Corp.	Exhib.to submit new valve.	JBL
B-277 B	-- S41-5/L5 (2-2-Ds)	2-4-37	Liner, cyl.-Devel.of & test satis.type for Winton 8x10 Diesel eng.-Red.oil consump. chrome-plated.	Report A sub.	WJF WJF
B-278 B	-- JJ33/L5(5-2-Ds)	5-7-38	Pack., plastic, non-graphitic- Various mfrs.	Final rep.in prep.	JGO
B-280 B	-- S39/L5 (4-22-Ds)	4-30-38	Insul., 85% magnesia-formed flanged covers- Plant Rubber & Asb.Wks.	Report in prep.	JGO
B-298 B	-- JJ46-1/L5(4-13-Ds)	5-13-38	Metals- Creep test of ferrous - Timken Co.	Underway 75% Weld.test underway. Matl.rep.in T-2668.	TCS

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9685 B	--	10-20-37 S39/L5 (10-6-Ds)	Insul., pipe & flg. covers- Unibestos- Union Asbes. & Rubber Co.	Final rep. in prep. 15 Jan.	JGO
9703 B	--	11-8-37 S39/L5(10-20-Ds)	Insul., glass wool, for in- takes, boilers & casings- Owens-Illinois Glass Co.	Report B sub. Underway. Report C in prep.	JGO
9725 A	--	11-3-37 S44/L5 (10-19-Ds)	Propellers- determine suitable materials for.	Formal rep. sub. Continuing.	JCS
9734 B	--	11-17-37 QP/Welding/L5(11-13-Ds)	Welding-Weldability of iron alloys.	70% completed. Awaiting add. matl.	BR
9790 B	--	12-6-37 QP/Welding/L5 (11-30-Ds)	Weld- Inves. to deter. suit. of root & face bends to qual. welders to work with Ni-Cu, Cu-Ni, C-Mn steel & Mg-Br with Phos-Bronze.	Completed. Report in prep.	BR
9803 B	+ 85.00	12-9-37 S87(A)/L5 (11-12-Ds)	Thermometer, dist. reading dial- U.S. Gage Co.	Improved thermom. to be submitted.	JBL
9834 B	--	11-11-37 JJ33/L5(11-5-Ds)	Pack., Allpax Style #1 coil form-Allpax, Inc.	Underway. Indef. Partial rep. sub.	JGO
9865 B	--	12-3-37 L1-2/NP16 (8-2-D1)	Piping, valves, fittings & joints for use with Freon refrigerant- Inves. of.	Report B sub. Continuing.	JBL
9883 A	Reopened	12-30-38 JJ33/L5 (12-28-Ds)	Packing, gaskets- Flexi- tallie reinforced type- Flexitallie Gasket Co.	Continuing.	JGO
9890 B	--	12-31-37 S47/L5-2(12-10-Dx)	Seals, rotary pump and turbine shafts- Inves., development & test of	Underway. Extend. inves.-Rep. B manu- script completed.	JBL
9897 B	--	2-10-38 S44(1-21-Ds)	Welding of manganese- bronze propellers.	85% completed. Continued.	BR
9905 B	--	9-22-37 JJ32/L5 (9-16-Ds)	Insul., cement, hard-finish Prep. by EES- Var. mfrs.	Report in prep.	JGO
9907 B	\$ 175.00	1-4-38 JJ33/L5(12-29-Ds) 1-21-38 JJ33/L5(12-28-Ds)	Pack., Sea-Ro Nuk-Seal, Style 5051 & Sea-Ro Super- heat Spiral Style 503- Sea-Ro Packing Co., Inc.	Report C sub. Indefinite.	JGO
9910 B	--	12-1-37 JJ32/L5(11-26-Ds)	Insul., cement, Plant 600 & Coverkote brands- Plant Rubber & Asbestos Works.	Underway.	JGO

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