

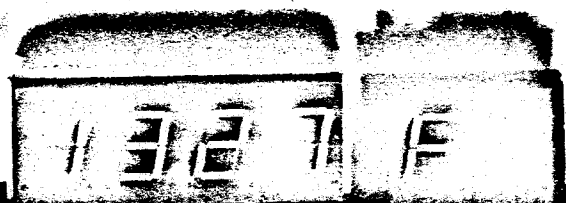
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U. S. NAVAL ENGINEERING EXPERIMENT STATION
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B-1687 B	\$ 50.00 JJ14/L5 (8-2-Ds)	8-9-39	Oil, lub., Texaco 4065, sub. by The Texas Co.	Underway 15 Dec.	JGO
B-1690 A	-- 341-6/L5 (2-2-Ds)	2-4-37	Piston assembly, permanent mold cast with bevelled rings- for Winton submar- ine Diesel engines.	1575 hrs. on 4649 eng.; 1189 hrs. on 5474 eng.	WFJ
B-1693 A	-- JJ14/L5 (8-11-Ds)	8-12-39	Compd., rust prev.- Polar compds. as substitutes for Navy type- Inves. of.	Report E sub. Continuing.	JGO
B-1694 A	-- NP16/18 (7-27-Ds)	8-10-39	Cylinders, concrete-Test of Annapolis Housing Author.	Underway. Extended invos.	WCS
B-1695 B	-- QP/Welding/L5 (7-27-Ds)	8-14-39	Weld. electr. KOP-R-ARC Shielded arc, copper-Suit. test- Krebs & Co., exhib.	Awaiting matl.	BR
B-1696 A	Reopened M140s-78243 (8-11-Ds)	10-26-39	Tubing, stool-Cont. 78243 Timken Roller Bearing Co.	Continuing.	WCS
B-1697 B	\$ 140.00 JJ32/L5 (7-31-Ds)	8-12-39	Insul. cement, RAI STIC-TITE Monolithic brand- Refrac- tory & Insulation Corp.	New sample to be submitted.	JGO
B-1699 B	-- 8-6685 (7-3-Ds)	8-3-39	Valve, pres. rod. for oil & air- Cash Univ. Regu. Co.	Underway about 15 Dec.	JBL
B-1707 B	-- A13-3 (11-1-Ds)	8-18-39	Weld. rods for hard-facing steam valve discs & seats- Suit. test- Last-Ever Mot. Co.	Awaiting matl.	BR
B-1736 B	-- JJ33/L5 (8-8-Ds)	8-19-39	Pack., plastic, non-metallic with asbes. & wire jacket- Johns Manville Corp.	Arrangements underway.	JGO
B-1737 B	-- JJ33/L5 (8-10-Ds)	8-15-39	Pack. plastic metallic, John Crane 250- Crane Pack. Co.	Underway.	JGO
B-1738 B	\$ 125.00 JJ33/L5 (8-15-Ds)	8-21-39	Pack. asbes. high pres. rod- Style 8219-Garlock Pk. Co.	Arrangements underway.	JGO
B-1739 B	-- 847/L5 (6-30-Ds)	8-30-39	Valve, governor, pump- Grove Regulator Co.	60% 1 Feb.	JBL
B-1740 A	\$ 300.00 Ser-E-431-ME, JJ7G1	9-2-39	Fuel, aircraft eng. A-W Spec. 9526-9531, incl-Shell Oil Co., Inc., San Fran., Calif.	Underway. 15 Dec. 1939.	JGO
B-1758 A	-- JJ7-6/L5 (6-31-8)	6-26-38	Gasoline, neo hexane- Octane rating & blending properties of-Bu. Aero.	Underway.	JGO

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B-1581	--	7-17-39	Confidential I.C.E. Lab.	Install. arrang.	WFJ
A	CONFIDENTIAL, Oral, Eng.		#1-40.	Recom.- wait. matl.	
B-1582	\$ 250.00	7-12-39	Oils, lub., Cl. 2, sub. by	Compl. & Reported.	JGO
B	JJ14/L5 (7-6-Ds)		Calumet Refining Co.	Await. finan. adj.	
B-1583	--	7-14-39	Oil, lub., Supersolv Lub. & D	Underway.	JGO
B	JJ14/L5 (7-8-Ds)		& Top Oil "D", sub. by Port- able Plating & Equip. Co.		
B-1587	--	5-11-39	Gear, Joe's reverse -	Test 70% compl.	WFJ
A	W0s-65723 (5-8-Dq)		Snow & Petrelli.	Report 50% compl.	
B-1590	--	7-15-39	Gasoline, avia.- A-N9527	Matl. not recd.	JGO
B	Aer-E-431, RT, JJ7G1, QM(1609)		& 9530-Richfield Oil Corp.		
B-1603	\$ 30.00	7-20-39	Compd., rust prev., Type A,	Underway.	JGO
A	819/L5 (4-25-Ds)		Gr. 1- Amer. Lubricants, Inc.		
B-1604	--	6-26-38	Fuel, avia. (alcohol-water- gasoline) Belgian samples-	Not yet underway.	JGO
B	JJ7-6/L5 (6-13-S)		Gross & net BTU values-Aero.		
B-1612	\$ 50.00	7-21-39	Oil, lub. Std. hydraulic,	Compl. & Reported.	JGO
A	872-9 (7/61) JJ14/ (E12, L11, M15, T11)		sub. by Standard Oil Co. of Calif.	Await. finan. adj.	
3-1614	\$ 50.00	6-13-39	Oil, lub., hydraul. gear, for	-25 pour point samp.	JGO
A	872-9 (7/54) JJ14/ (E12, L10, J14, T11)		Ordinance purposes, sub. by Sinclair Ref. Co.	recd. -40 pour point not recd.	
B-1622	--	7-25-39	Gage, abs. pressure, dial	Preliminary	JEL
B	887/L5 (7-12-Ds)		type- Manning, Maxwell & Moore, Inc.	made.	
B-1624	\$ 60.00	5-6-39	Meters, fo-Calib. for trials	Continuing.	JBL
B	Q81 (5-1-Ds)		Amer. Export Liners- Hulls 1474-5-6-7- Beth. Steel Co.		
B-1653	\$ 200.00	7-31-39	Purifier, centrif., with new	Report to be	JBL
B	845-3/L5 (7-24-Ds)		design bowl- Sharples Corp.	forwarded 5 Dec.	
B-1666	\$ 75.00	8-5-39	Insulation block, Eagle	Test underway.	JGO
B	JJ32/L5 (7-31-Ds)		Supertemp brand- Eagle- Picher Sales Co.		
B-1673	--	8-3-39	Alloy, Cu-Ni (70-30) -	Matl. not recd.	WCS
B	JJ46/L5 (7-27-Ds)		International Nickel Co.		
3-1682	--	8-19-39	Tubing, finned, Used in heat	Extended inves.	JBL
A	846-6/L5 (8-17-Ds)		transfer apparatus- Deter- mine optimum design for.		

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B-1488 B	-- DD287/S51(7-24-Ds)	8-20-26	Tubes, boiler- Exam. of U.S.S. TEXAS.	Underway 25%.	WCS
B-1494 B	-- S39/L5 (5-1-Ds)	5-23-39	Insul. block, molded asb. UNIBESTOS- Union Asb. & Rub. Co.	Test underway.	JGO
B-1496 B	-- JJ33/L5(5-22-Ds)	5-26-39	Pack., valve stem, square braided- The Darcoid Co.	Underway.	JGO
B-1497 A	-- MOs-64811 (5-9-Dq)	5-10-39	Engine, Diesel, 2-cyl. Covic Deter. suit. & reliability of- Cont. MOs-64811 - Northill Co., Inc.	Eng. rejected. Await. shipping instructions.	WFJ
B-1500 B	-- JJ41/L5 (6-2-Ds)	6-13-39	Tool, silver brazing, for Cu & Cu-Ni alloy tubes.	Underway 60%.	WCS
B-1506 B	-- JJ33/L5(5-16-Ds)	6-21-39	Pack., stern tube, Lincoln Packing & Rubber Co., Inc.	Matl. not recd.	JGO
B-1506 B	\$ 125.00 JJ33/L5(6-12-Ds)	6-21-39	Pack., asb. high pres. rod- Asbos. Fibre Spinning Co.	Underway.	JGO
B-1517 B	-- S48-24 (5-6-Ds)	6-27-39	Valves, boiler blow-off- L.J. Bordo Co., Inc.	Matl. not recd.	JBL
P-1524 A	-- S41-6 (6-27-Dq)	6-28-39	Liners, cyl., chromium- plated, Diesel engine- Van der Horst process.	840 hrs. on 4649 engine	WFJ
B-1532 A	-- JJ7-6/L5(6-13-S)	6-26-28	Fuel, safety-from Phillips Petro. Co.-sub. by Esso.	Not yet underway.	JGO
B-1542 B	-- JJ46-6/L5(3-15-Ds)	6-24-39	Alloy, alum. cast- Mat'l Bronzo & Alum. Foundry Co.	Underway 30%	WCS
B-1560 B	-- S-6046 (S) AB	6-21-39	Compd., rust prev. Type C- Approv. tests on- The Farrar Indus. Products Co.	Matl. not recd.	JGO
B-1551 B	-- S19/L5 (5-26-Ds)	6-28-39	Compd., rust prev. Farbest #1- Farrar Indus. Prod. Co.	Matl. not recd.	JGO
B-1558 A	-- JJ46/L5(6-15-Ds)	7-10-39	Alloy, silver brazing, Easy- Flow #3- Handy & Harman.	Matl. on hand. Underway 20%.	WCS
P-1568 B	-- S41-3/5.02/L5(5-26-Ds)	6-10-39	Mountings, vibr. on D. Die- sel engine- Felters Co.	Reliability test 20% completed.	WFJ
B-1576 B	-- S48-24/L5(6-30-Ds)	7-11-39	Valves, plug, for boiler blow-off & feedwater serv. Barrett Machine Company.	Service test underway.	JBL



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B-1388 B	-- JJ33/L5(5-11-Ds)	5-17-39	Packing, plas. metal. cork form, metal foil jacket, Sea-Ro Armored Nck Seal Style 501- Sea-Ro Pack. Co.	Underway.	JGO
B-1394 A	-- DD413/88 (5-11-Ds)	5-23-39	Motors, f.o.- Calibr. for trials MUSTIN & RUSSELL.	Continuing.	JBL
B-1399 B	-- DD287/851(7-24-Ds)	8-20-28	Tube failure, #4 boiler- Row 201- Rep. of machy. de- rangment #4-38- WORDEN.	Underway 20%.	WCS
B-1411 B	-- JJ7-6/L5(6-13-8)	6-26-28	Oil, lub., Volvol-Samp. from USS S. R. TOGA- Analysis of.	Underway.	JGO
B-1415 B	-- S19/L5 (5-3-Ds)	5-25-39	Coating, protec.-of cond. tubes- Phelps Dodge Prod.	Arrangements made. Matl. not reed.	WCS
B-1416 B	Reopened DD394/848(5-25-Ds)		Piping, main feed- Defect. pc. of- USS S. LIMPSON(DD394).	Additional samples reed.	WCS
B-1417 B	-- S48-25/L5 (4-3-Ds)	5-26-39	Separator, steam whistle- sub. by Cochrane Corp.	90% 15 Jan.	JBL
B-1423 B	Reopened L5/NP16 (11-14-Ds)	11-25-24	Welding, copper silicon to Comp. G castings- Process appr. test plates for.	Additional samples reed.	WCS
B-1426 B	\$ 200.00 G81 (5-2-Ds)	5-11-39	Meters, f.o.- Calibr. for Trials C-2 cargo vessels- Maritime Comm.- NN SB&DD Co.	Continuing.	JBL
B-1432 A	-- L5/NP16(11-14-Ds)	11-25-24	Oil, lub., new & used and Fuel, Diesol- from type accept. tests, Exper. Diesol- devel. by Elec. Boat Co.	Report & sub. Continuing.	JGO
B-1463 A	-- L5/NP16(11-14-Ds)	11-25-24	Oil, Diesol fuel & Lub., new & used, from type appr. test Cooper-Bessomer eng.	Report & sub. Continuing.	JGO
B-1467 B	\$ 50.00 JJ41/L5 (6-6-Ds)	6-10-39	Taps, grd. thrd- Threadwell Tap & Dio Corp.- Bu. C&R.	Compl. & reported. Await. finan. adj.	JBL
B-1471 B	-- S48-23/L5(5-19-Ds)	6-13-39	Traps, steam, impulse type- with integral strainer- Yarnall-Waring Co., exhib.	Underway.	JBL
B-1473 B	-- DD287/851(7-24-Ds)	8-20-28	Tube failures in main condensers- USS CASSIN.	Underway 30%.	WCS
B-1477 B	-- S48-23/L5(3-17-Ds)	6-7-39	Valves, plug, for F.O., feed- water & steam services- Kuehler-Huhn Co., Inc.	Matl. not reed.	JBL

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B-1314 B	-- DD287/851(7-24-Ds)	8-20-26 (4-6-Ds)	Tubes, cond., #4 main INDI. N. POLIS (Ca35).	Underway 25%.	WCS
B-1317 B	\$ 125.00 848-23/L5	4-22-39 (4-6-Ds)	Traps, steam, open bucket Sarco Co., Inc. - for Y&D.	Report to be made 15 Dec.	JBL
B-1328 B	-- 862-2(H)/L5	4-24-39 (4-14-Ds)	Pack., elec. cable stuffing and terminal tubes - Packing Engr. Corp.	Matl. to be submitted.	JGO
B-1329 B	-- 839/L5	3-28-39 (3-6-Ds)	Insul., Pipe Cov. #60 & #140 Fiberglas - Owens- Corning Fiberglas Corp.	Underway.	JGO
B-1336 B	\$ 165.00 JJ32/L5	4-8-39 (4-3-Ds)	Insul., block & cement - M.H. Detrick Co.	Underway.	JGO
B-1336 B	-- JJ46-1/L5	5-5-39 (4-28-Ds)	Metals - Relaxation prop. of alloy steel bolt matl. now in commercial use.	Underway 30%. Add. test units under construction.	WCS
B-1339 B	\$ 90.00 839/L5	4-25-39 (4-7-Ds)	Insul., block, high temp. - Baldwin-Hill Co.	Underway.	JGO
B-1340 B	-- 839/L5	4-10-39 (3-24-Ds)	Insul., cement, Enduro- Ehret Magnesia Mfg. Co.	New samples to be submitted.	JGO
B-1342 A	-- 841-3/882	4-22-39 (4-20-Dq)	Cyl. head, Lanova 1-lobe Test with & without super- charging & deter. most suit. type supercharger for DD powerboat Diesels.	Cold start. test comp. & rep. - Cyl. head test & failure rep. - await redesigned cyl. head from Norfolk NYd.	WFJ
B-1343 A	-- 841-3/882	4-22-39 (4-20-Dq)	Cyl. head, Lanova 1-lobe- Test with & without super- charg. & deter. most suit. type supercharger for DA powerboat Diesel engines.	Matl. not recd.	WFJ
B-1345 B	-- 839/L5	5-5-39 (5-2-Ds)	Insul., glass fiber felt- Union Asbes. & Rubber Co.	Underway.	JGO
B-1356 B	-- QS1	5-11-39 (5-2-Ds)	Meters, f.o. - Calibr. for trials Maritime Com. C-2 Cargo Ves. - Fed. SB&DD Co.	Continuing.	JBL
B-1384 B	-- JJ33/L5	5-10-39 (5-3-Ds)	Pack., plas. mot. coil form mat. foil jacket - VALVESE- Valvease Univ. Pk. Co., Inc.	Underway.	JGO
B-1387 B	-- QS13	5-18-39 (5-9-Ds)	Filters, oil - Anal. of samp. from U.S. Coast Guard.	Report K sub. Continuing.	JGO

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B-1225	--	4-5-39	Welding of carbon and C-Mn steels.	Awaiting matl.	BR
B	QP/Welding/L5(2-23-Ds)				
B-1227	--	4-5-39	Weld- Std.qual.test for welding operators- Improvement of bending jig.	Bending jig compl. Prep.of samples underway.	WCS
B	QP/Welding/L5(3-5-Ds)				
B-1237	\$ 825.00	4-8-39	Ejectors,air- Condenser Service & Engr.Co.	Matl.not recd.	JBL
B	S46-1/L5(11-14-Ds)				
B-1251	--	6-26-37	Oil,Fluids,hydraulic- Analysis of- Bu.nero.	Report B sub. Await.instructions.	JGO
A	JJ6-5/L5(6-13-8)				
B-1258	--	8-6-35	Lubricant,gear,Hypoid Reqn.9241- Gov.of D.C.- R.K.Hollingshead Corp.	Matl.not recd.	JGO
B	JJ14/L5(8-1-Ds)				
B-1264	--	4-13-39	Tube,condenser- Chase Brass & Copper Co.	Matl.rec'd. Test underw	WCS
B	JJ46/L5(3-28-Ds)				
B-1265	--	4-17-39	Metals,steel,carb-molyb. Effect of time & temp.on residual stresses in.	Underway 90%.	WCS
A	JJ46/L5(4-13-Ds)				
B-1267	--	4-20-39	Bolts,threaded- Deter.of strength of- MDS 43B11.	Arrang.for matl. made. Matl.not recd.	WCS
B	JJ43/L5(4-19-Ds)				
B-1273	--	4-21-39	Pack.,for circulating water pumps of H.O.R. engines- Various mfrs.	Report A sub. Continuing.	JGO
B	SS/341 (2-20-Ds)				
B-1281	\$ 300.00	5-6-39	Meters,f.o.- Calibr.for trials Maritime Comm. Vessels- Sun SB&DD Co.	Continuing.	JBL
A	QS1 (6-1-Ds)				
B-1284	--	4-24-39	Engine mountings,Goodrich Rubber-Suit.test of.	20% compl.	WFJ
B	S41-3/S82/L5 (4-22-Ds)				
B-1288	--	8-20-26	Tube ends from main boilers- USS CUYAKA.	Underway 25%.	WCS
B	DD267/351(7-24-Ds)				
B-1289	--	4-26-39	Valve,const.back pres., relief- Cochran Corp.	100%. Report about 15 Dec.	JBL
B	S48-24/L5 (4-3-Ds)				
B-1302	--	4-29-39	Alloy,Beryllium bearing JHD- United Alloys,Inc.	Underway 35%.	WCS
A	JJ46-1/L5(1-17-Ds)				
B-1304	--	11-25-24	Tubes,piston cooling- Cause of failure of H.O.R. S/K engine.	Report 10% completed.	WFJ
A	L5/HP16(11-14-Ds)				
B-1307	--	4-21-39	Tubes,warped- from #2 boiler- USS PORTER.	Underway 25%.	WCS
B	DD356/351(3-16-Yh)				

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B-1075 3	-- JJ46-1/L5(12-1-Ls)	1-23-39	Metals, bolt matl- Bueng. Spec. 43B14(INT)-12/1/38- Inter. Nickel Co., Inc.	Matl. not recd.	WCS
B-1089 B	-- 841-3/862 (7-22-Yo)	8-2-38	Engine, Diesel powerboat, Norfolk type- Serv. test of rubber mounting.	20% compl.	WFC
B-1095 B	-- DD287/851(7-24-Ls)	8-20-26	Tubes, from #13 boiler- U.S.S. SARATOGA.	Underway 50%.	WCS
B-1097 B	-- BB36/851(11-22-Yel)	2-8-39	Drum, steam, #5 boiler- USS NEVADA- Condition of.	Report in prep.	WCS
B-1126 B	-- A5-7/DE(10-28-Yh)	11-30-38	Tube, boiler, failed- USS LAMSON- Examination of.	Underway 40%.	WCS
B-1144 B	85.00 867(A)/L5(1-10-Ds)	3-3-39	Thermom. dist. read. dial- Thos. A. Edison, Inc.	Preliminary report made.	JBL
B-1145 B	-- QP/Welding/L5(2-3-Ls)	3-5-39	Weld. electr., C-Mo "Raco" H-D #74464- Reid-Avery Co.- Qual. test of.	Completed. Report underway.	BR
B-1146 B	-- JJ33/L5(11-19-Ds)	12-15-37	Pack., comp. asb. sheet- with Neoprene binders- sub. by various mfrs.	Report A sub. Continuing.	JGO
B-1155 B	-- JJ14/L5 (9-3-Ls)	2-28-39	Compd., anti-seize, ORBA brand- E.L. Grondorff.	Underway.	JGO
B-1158 A	-- 856-6 (3-7-Ds)	3-9-39	Foodwater, boiler- Design of apparatus for dissolv- ing oxygen determination.	Underway. 1 Jan.	JGO
B-1169 B	-- JJ33/L5 (3-6-Ds)	3-11-39	Pack., Gaskets, boiler & pipe flange-SPIROTALLIC- Johns Manville Co.	Test underway.	JGO
B-1180 B	-- 843-2/L5 (2-16-Ls)	3-13-39	Bearing strips, HYERTEX phenolic type- Joseph T. Ryerson & Son, Inc.	Arrangements underway.	JBL
B-1181 A	Reopened JJ14/L5(4-10-Ls)	5-27-39	Oil, lub., used, from #2 & #3 units- USS ASTORIA.	Report C sub. Continuing.	JGO
B-1195 B	Reopened 862-2(V)/L5(12-20-Ls)	?	Connector, flex. hose, Resist- oflex FVA-Resistoflex Corp.	Underway.	JGO
B-1200 B	-- 863-1/L5(3-3-Ls)	3-18-39	Bearings, ball, double- shielded type, in elec. motor- Reliance E&E Co.	70% 15 Jan.	JBL

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B-962 B	-- 841-6/L5 (2-2-Ds)	2-4-37	Ring assembly, reliable- Dovel. & test of, using GM forged alum. piston.	Rough draft. Rep. D compl.	WFJ
B-967 B	-- JJ46/L5 (8-12-Ds)	1-6-39	Metal- Nickel, alum. bronze Chase Brass & Copper Co.	Underway 60%	WCS
B-969 B	-- QP/Welding (12-7-Ds)	12-28-38	Weld- Carb-molyb. steel steam pipe- Proc. appr. test boilers- NYds., Phila., N.Y., Norfolk, Pug. Sd. & Mare Isl.	Report made on samp. from NYds., Phila., N.Y. & Puget Sound.	WCS
B-977 B	-- JJ33/L5 (12-15-Ds)	1-10-39	Packing, asbestos, plastic- I. H. Grancell.	Underway.	JGO
B-979 A&B	-- 848-24/L5 (11-30-Ds)	1-9-39	Valves, 2" weld-on, high temp.-Crane socket weld- end valves with chromium plates, stems and discs.	Weld. tests compl. on angle valve. Globe valve discarded. Report in prep.	(BR) (ACS)
B-996 B	-- QP/Welding/L5 (12-28-Ds)	1-16-39	Weld. Qual. tests of GE Co. W52 & W54 electrodes for Cl. A&B C-No electrodes.	Now matl. substituted. BR Test completed. Report underway.	BR
B-999 B	-- JJ33/L5 (10-17-Ds)	1-11-39	Pack., flex. mot. Twistallic E. M. Thompson, exhib.	Underway.	JGO
B-1016 B	-- 839/L5 (4-19-Ds)	4-23-38	Insul., Blanket, turbine- Fiberglas brand- Owens- Corning Fiberglas Corp.	Main report sub. Service test continuing.	JGO
B-1017 B	-- L5/WP16 (11-14-Ds)	11-25-24	Tubes, boiler- Condition of- U.S.S. TULSA.	Underway 55%.	WCS
B-1019 B	-- JJ14/L5 (1-18-Ds)	1-25-39	Oil, lub., non-corrosive, EPH Diesel engine, sub. by Standard Oil Co. of Calif.	Underway. Indefinite.	JGO
B-1039 B	-- QP/Welding (1-21-Ds)	1-27-39	Weld-High pres. stm. pipe Proc. approv. test for NYds Charleston & Boston.	Rep. on Charleston samp. made except chem. analy.-Boston samp. not rec	WCS
B-1046 B	-- JJ46-6/L5 (8-27-Ds)	1-31-39	Metals- Alum. alloy cast #40- Frontier Bronze Corp.	Prelim. rep. made. Continuing.	WCS
B-1063 B	-- JJ33/L5 (6-28-Ds)	7-6-38	Pack., flex. mot.-Garlock Styles 5347 & 5348 - Garlock Packing Co.	Underway.	JGO
B-1066 B	-- QP/Welding/L5 (1-13-Ds)	2-4-39	Weld- Qual. test of C-No electr.-A.O. Smith Corp.	Test completed. Report underway.	BR

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B-748 B	-- JJ46-1 (10-10-Ds)	10-13-38	Metals- Low alloy cor- resist. steel- Inves. for possible usefulness for boilers & oth. pres. vessels.	Weld. test compl. Tests underway.	(WCS (BR
B-791 B	QP/Welding/L5(10-20-Ds)	11-4-38	Weld- Qual. test of Wilson Alloyrod A&B carb-molybde- num welding electrodes.	New matl. delivered. Test completed. Report in prep.	BR
B-792 B	QP/Welding/L5(10-14-Ds)	11-4-38	Weld- Qual. test Champion Blue Devil 85 & Rod Devil 75 Carb-Molyb. electrodes.	New matl. on hand. Test compl. Report in prep.	BR
B-808 B	Aer-E-431-KN, JJ14G1	11-10-38	Oils, lub.- Army-Navy work factor test of.	No samples recd.	JGO
B-817 B	C-CL8/S61(1-5-Ds)	11-12-38	Boiler #11- Metallurg. test of steam drum- DETROIT.	Matl. recd. Underway.	WCS
B-821 B	JJ46-1/L5(11-14-Ds)	11-14-38	Metals- Exper. to deter. of- fect on type of test mach. on fatigue tests- Work in conjunc. Res. Com., ASTM.	Report made. Continuing.	WCS
B-826 B	QP/Welding/L5(11-8-Ds)	11-17-38	Weld- Qual. test to determ. suit. for Nav. use of 25% Cr-20% Ni scale-resist. alloy electrodes, mfg. by Page Steel & Wire Div., American Chain & Cable Co.	New matl. to be substituted.	BR
B-860 B	892/L5 (8-15-Ds)	11-22-38	Joints- Inves. of avail. means of silver brazing in restricted locations.	Prolim. test on Air Red. equipment.- EES equip. work underway.	BR
B-872 A	841-5 (11-29-Ds)	12-7-38	Water- Treat. of in closed cooling sys. with chromates.	Underway.	JGO
B-886 B	JJ33/L5(10-12-Ds)	10-14-38	Pack., cond. tube, copper foil- Various mfrs.	Underway.	JGO
B-908 B	\$ 400.00 847/L5 (11-15-Ds)	12-16-38	Pump, rotary gear, for M1 & M1- Schutte & Koerting.	Exhibitor consid- ering modification.	JBL
B-934 B	\$ 125.00 839/L5 (12-21-Ds)	12-27-38	Insul., Super Unibestos- Union Asbes. & Rubber Co.	Underway.	JGO
B-949 A	348/L5 (12-30-Ds)	12-30-38	Hydraulic tunnel - Painting of.	Report made. Continuing.	WCS
B-958 B	345-3/L5(11-25-Ds)	12-7-38	Purifier, oil, for Diesel eng. lub. oils- Deter. ef- fect & suitability of- Youngstown Miller Co.	908 hrs. on 4649 engine. 571 hrs. on 5474 engine.	WFJ

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B-619 A	\$3556.31 S42-1/L5(7-21-Ds)	8-1-38	Compressors, air, portable, for Treasury Dept., Pro- curement Div., Branch of Supply, Wash., D.C.	Prel. report made. Final rep. in prep.	JBL
B-555 A	Reopomod JJ43/L5(8-11-Ds)	2-1-39	Stress indicating de- vices- Bolts.	Report D made.	WCS
B-560 B	-- 819/L5(8-2-Ds)	11-25-24	Liner, cyl.-HELEN- Cont. NOs-55897- F. Horse & Co.	Underway 90%.	WCS
B-562 B	-- 819/L5 (8-2-Ds)	8-16-38	Coatings, NO-OX-ID-IZED reinforced fabric wrapper- Corros-prov. cover. for propol- shafts- Dearborn Chem. Co.	Underway 80%.	WCS
B-591 A	-- Bueng.	Oral	Engine-2-cycle, commercial Diesel- Devel. for use as 150-hp powerboat engine.	Engine in use for Test B-1587.	WJF
B-592 B	-- S48-24(R)/L5(8-16-Ds)	8-29-38	Valves, red., Cl. "ca" and "d"- Atlas Valve Co.	Katl. not recd.	JBL
B-604 B	-- HF16 (7-21-Ds)	8-28-38	Metals- Rate growth of metls. when subjected to high temp. steam.	Underway 35%. Add. samp. recd. Tests in steam underway.	WCS
B-615 B	-- JJ33/L5(7-12-Ds)	8-12-38	Pack., asb. high pres. rod- Ehret A-Ol-S brand- Ehret Magnesia Mfg. Co.	Underway.	JGO
B-632 B	-- JJ46-2/L5 (8-22-Ds)	9-6-38	Metals, non-ferrous alloy, Dorium- H.D. Chopra.	Prelim. rep. made. Add. samp. underw. 55%.	WCS
B-676 A	-- SS182-4/S41(8-24-Do)	9-17-38	Engine, vibration studies- SALMON & SARGO Subms.	Prelim. rep. sub.	JBL
B-689 B	-- S48-24(R)/L5 (7-12-Ds)	9-30-38	Valves, reducing - Klipfel Mfg. Co., exhib.	Katl. not recd.	JBL
B-704 B	-- QP/Welding/L5(9-14-Ds)	10-5-38	Weld-1/8" dia. Meriweld Phos-Br electrodes and retest of, in 5/32" dia. size- Lincoln Elec. Co.	Test completed. Report in prep.	BR
B-708 A	-- SS/S41 (9-21-Ds)	9-28-38	Engines, 2-cycle, double acting Diesel- Inves. to determine means of re- storing excessively worn cylinder liners of.	Thermit meth. compl. BR Colmonoy are weld. invos. underway. Await. auth. for flame harden. of lining deposited by arc weld.	BR
B-715 A	-- S48-5/L5 (10-11-Ds)	10-12-38	Joints, rolled & expanded tube- Cond. & heat exchr. for Nav. ves.- Technique for.	Report & sub. Continuing.	WCS

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B-403 B	-- DD415-20/S48(6-10-Ds)	6-21-38	Radiators, steam heating- sub. by Navy Yard, Boston	Underway as oppor- tunity permits.	JEL
B-432 B	-- S48-24(R)/L5(6-17-Ds)	6-28-38	Valves, red.-O.C. Kockloy Co., Inc., exhib.	Valve for Cl. "aa" service not recd.	JEL
B-454 B	-- JJ33/L5(6-24-Ds)	5-31-38	Pack., high pres. red. Style #46-Konsboy & Mattison Co.	Underway. Partial rep. sub.	JGO
B-457 A	-- S48-23/L5 (3-1-Ds)	6-17-38	Compounds, sealing, turbine casing, sub. by var. mfrs.	Underway.	JGO
B-458 A	-- S48-23/L5 (3-1-Ds)	6-17-38	Compounds, sealing, thread joints, sub. by var. mfrs.	Underway.	JGO
B-459 A	-- S48-23/L5 (3-1-Ds)	6-17-38	Compd., sealing, pipe flg. joints, sub. by var. mfrs.	Underway.	JGO
B-460 A	-- S48-23/L5 (3-1-Ds)	6-17-38	Compds., gasket coating for pipe flg. gaskets-Var. mfrs.	Underway.	JGO
B-463 B	-- JJ33/L5 (6-7-Ds)	6-22-39	Pack. plas. non-graphitic with braided cas. jacket- The Allpax Co., Inc.	Underway.	JGO
B-466 B	Reopened S39/L5 (1-30-Ds)	2-4-39	Insulation, Rockwool, im- proved TUCOWUL- Tuco Co.	New samples to be submitted.	JGO
B-485 B	-- S48-24(R)/L5(6-21-Ds)	7-15-38	Valves, pres. reducing- Atlas Valve Co.	Matl. not recd.	JEL
B-490 B	-- QP/Welding/L5(6-29-Ds)	7-19-38	Weld. electrodes, Phos-Br. Test of Edco Process - Eccles & Davies Mach. Co.	50% completed.	BR
B-494 B	-- JJ33P5 (1-17-Ds)	1-20-38	Insul., pipe covering - Rockwool- NDS 32P4c of 12/1/37 - Revision of.	Test underway.	JGO
B-500 B	-- JJ46-K-6(7-15-Ds)	7-26-38	Weld., repair, of Comp. G casting- NYd., Portsmouth.	Reported except chemical analysis.	WCS
B-504 B	\$ 50.00 JJ43/L5 (7-15-Ds)	7-30-38	Nut, self-locking- Boots Aircraft Nut, exhib.	Underway as oppor- tunity permits.	JEL
B-512 A	Reopened DD398/S8 (6-30-Ds)	9-11-38	Meters, f.o.- Calibr. for trials USS BENLAK (DD397).	Underway.	JEL
B-513 B	-- JJ33/L5 (6-9-Ds)	7-1-37	Compd., rubber, synthetic & cork composition-CORPRENE Armstrong Products Co.	Underway.	JGO

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B-277 A	-- S41-5/L5(2-2-Ds)	2-4-37	Liner, cyl.-Devel. of & test satis. type for Winton 6X 10 Diesel engine-Reduce oil consumption.	Liners recd. Await. use of equip. on Test B-1690.	WFJ
B-278 B	-- JJ33/L5	5-7-38 (5-2-Ds)	Pack., plas. non-graphitic Various manufacturers.	Underway.	JGO
B-280 B	-- S39/L5	4-30-38 (4-22-Ds)	Insul., 85% magnesia, formed flange covers - Plant Rubber & Asb. Wks.	Underway.	JGO
B-288 B	-- JJ46/L5	5-14-38 (5-3-Ds)	Weld-Suit. test of hard- facing rods #10 for gas weld. & #110 for elec. arc weld.- Coast Metals, Inc.	Awaiting matl.	BR
B-290 B	-- S48-24/L5	5-14-38 (3-3-Ds)	Valve, diaphragm type- Hills-McCanna Co.	Report to be sub. about 15 Dec.	JBL
B-293 A	-- S41-5/L5	2-4-37 (2-2-Ds)	Rings, piston "Pedrick" hydraulic oil control- Determ. suitability of.	Awaiting use of equipment.	WFJ
B-296 B	-- JJ46-1/L5	5-13-38 (4-13-Ds)	Metals- Creep test of ferrous- Timken Co.	Underway 35%. Weld. test underway.	WCS
B-300 B	-- S43-2/L5	5-16-38 (4-3-Ds)	Bearing matl.- The Amer. Brake Shoe & Foundry Co.	60% completed.	JBL
B-343 B	-- JJ33/L5	5-25-38 (5-3-Ds)	Pack., semi-metallic, Sym. 1400- Union Asb. & Rub. Co.	Underway. Partial rep. sub.	JGO
B-375 B	-- Reqn. EN8/2/79601	5-4-38	Evaporators, Kleinschmidt Vapor compression type- distilling plant.	Underway.	JBL
B-386 B	\$ 200.00 S41-3/S82/L5	6-8-38 (5-16-Ds)	Couplings, flex.- Thomas Flexible Coupling Co.	Underway.	JBL
B-398 A	-- S39/L5	12-27-37 (12-18-Ds)	Insul., cement, water-proof coat.- INSULKOTE & EAGLE IN- SULSEAL- J. Kanville Sales Co. & Eagle-Picher Co.	Report in prep.	JGO
B-399 B	-- QP/Welding/L5	6-24-38 (6-7-Ds)	Weld- Elbow fittings- Suitability test of - Taylor Forge & Pipe Works.	Matl. on hand.	BR
B-401 B	-- QP/Welding/L5	6-27-38 (6-9-Ds)	Weld- Columbian bear. 4-6% Cr-Fe steel (0.50% Mo).	Matl. on hand.	BR
B-402 B	-- JJ33/L5	6-18-38 (4-15-Ds)	Pack., Gaskets, spiral wd. metal asbes.- Azor Corp.	New samples to be submitted.	JGO

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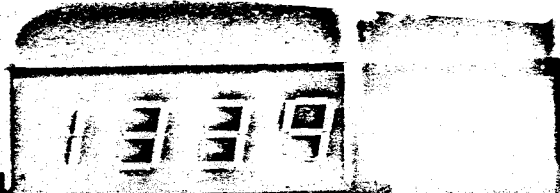
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B-84 B	-- S39/L5 (2-14-Ds)	2-21-38	Insul., Rockwool blanket, pipe covering No. 100 - Baldwin-Hill Company.	Underway.	JGO
B-108 B	-- JJ7-3/L5 (12-3-Ds)	3-15-38	Pumps, f.o. - Effect of low viscosity on capacity.	Test underway as opportunity permits.	JBL
B-126 B	-- JJ40/L5 (3-19-Ds)	3-25-38	Equip., Preheat & Stress- reliev. - HO Swoboda, Inc. - for local preheat. & stress- reliev. pipe welds - Suit. test.	Completed. Report A sub. - Rep. B underway.	BR
B-146 B	-- QP/Welding/L5 (3-31-Ds)	4-2-38	Weld - Effect of arc length 30% completed. on properties of Ni-Cu alloy and pure nickel.		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-186 B	-- QP/Welding/L5 (4-12-Ds)	4-15-38	Weld - Kouldough Powder for use as backing material - Metal Bond Mfg. Co.	Underway. Prelim. test completed. Report in prep.	BR
B-190 B	-- JJ33/L5 (4-5-Ds)	4-15-38	Pack., plastic metal. Type C&R NDS 33P25A - Linear Packing & Rubber Co.	Underway. Partial rep. sub.	JGO
B-198 B	-- S48-23/L5 (2-9-Ds)	2-23-38	Joints, flexible - L.J. Bordo Co.	Underway.	JBL
B-206 B	\$ 200.00 S43-2/L5 (10-25-Ds)	4-15-38	Bearings, ball, thrust- Aetna Ball Bear. Mfg. Co.	60%. 15 Jan.	JBL
B-209 A	\$ 300.00 S48-23/L5 (4-7-Ds)	4-14-38	Valves, redesigned Foster Type EPSN excess pres. gov. Foster Engineering Co.	Report A made. Continuing.	JBL
B-200 B	-- S48-23/L5 (3-4-Ds)	4-22-38	Traps, thermostatic - Ster- ling Eng. Co. - Type approv.	Matl. not recd.	JBL
B-245 B	Reopened JJ14/L5 (1-30-Ds)	10-1-38	Compd. for prev. of ring sticking in Diesel eng. Various manufacturers.	Report A sub. Continuing.	JGO
B-267 B	-- S48-23/L5 (3-22-Ds)	4-29-38	Separator, steam - Dri- Steam Valve Sales Corp.	Exhib. to submit new valve.	JBL
B-273 B	-- S48 (2-7-Dk)	5-10-38	Packing - Serrated steel gasket, 600% serv. - Std. B-179, Alt. 5 of 3/21/38.	Underway.	JGO



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3870	--	1-3-38	Fuels, avia.- Cooperative	No samples recd.	JGO
B	ser-E-46-ETC, JJ7G1, EW18		test for knock rating.		
3885	--	1-5-38	Valve, steam red., air dome	95% complete.	JBL
B	848-24(R)/L5(12-27-Ds)		typo- Foster Engr.Co.		
3898	--	12-31-27	Seals, rotary pump, and	Underway. Extended	JBL
B	847/L5-2 (12-10-Ex)		turbine shafts- Invs.,	investigation -	
			development & test of.	Report A sub.	
3907	--	1-17-38	Weld- Qual. of proc. for	Report made.	WCS
B	QP/Welding/L5 (1-8-Ds)		spot welding of Grade 1	Add. samples requested.	
			CRS- Navy Yard, Phila.		
3913	--	1-14-38	Metals, wrought carb. steel	Creep tests	WCS
A	JJ46-1/L5(1-8-Ds)		(killed)-Creep tests of.	Underway 50%.	
3977	--	2-10-38	Welding of manganese	75% completed.	BR
B	844 (1-21-Ds)		bronze propellers.	Continued.	
3-6	--	9-22-37	Insul., cement, hard-finish	Report in prep.	JGO
B	JJ32/L5 (9-16-Ls)		Prepared by EES-var.mfrs.	1 Jan. 1940.	
3-7	\$ 175.00	1-4-38	Pack., Sea-Ro Leak-Seal,	Report A sub.	JGO
B	JJ33/L5(12-29-Ds)		Style 5051 & Sea-Ro Super-	Indefinite.	
		1-21-38	heat Spiral Style 503 -	Partial rep. sub.	
			Sea-Ro Packing Co., Inc.		
3-8	--	1-12-38	Pack., metallic serrated	Underway.	JGO
A	JJ33/L5(12-28-Ls)		gaskets- Bureau type.		
3-10	--	12-1-37	Insul., cement, Plant 600 &	Underway.	JGO
B	JJ32/L5(11-26-Ls)		Coverkote brands- Plant	Rep. A in prep.	
			Rubber & Asbestos Works.	1 Jan. 1940.	
3-11	--	9-22-37	Compd., leak-sealing, high	Report in prep.	JGO
B	JJ14/L5(8-25-Ls)		temp., Bestolife Leak-Seal	1 Jan. 1940.	
			4270 brand- I.H. Gracoll.		
3-32	--	2-21-38	Insul., 85% magnesia pipe	Underway.	JGO
B	872-2(V) (2-1-Ls)		covering- Comparative		
			tests of various brands.		
3-42	--	2-28-38	Solder, silver, medium	Underway 50%.	WCS
B	JJ/Solder (2-28-Ds)		temp. (Cadmium silver).		
3-56	--	2-12-38	Coating, protective,	Report E sub.	JGO
B	JJ46-6/L5 (2-8-Ds)		high temperature.	Continuing.	
3-61	--	1-29-38	Noise olin.-Subm. main	Report C sub.	JBL
A	SS182-4/341 (1-21-Lo)		propul. plants- Sc. anal.	Continuing.	

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9659 B	-- 845-1/L5(5-7-Ds)	10-1-37	Oil, lub., on Winton 100-kw emerg. set SOMERS- Samples from serv. test of Skinner FE-7 streamline filter.	Report C sub.	JGO
9686 B	-- 839/L5(10-6-Ds)	10-20-37	Insul., pipe & flg. covers- Unibestos-Union Asb. & Rub.	Final report in prep. 1 Jan.	JGO
9700 A	-- 839/L5 (11-4-Ds)	11-6-37	Insul., asbes. millboard- Invs. of method of anal. for asbestos content.	Underway.	JGO
9703 B	-- 839/L5(10-20-Ds)	11-8-37	Insul., glass wool, for boiler intakes & casings- Owens-Illinois Glass Co.	Report B sub. Underway.	JGO
9726 A	-- 844/L5(10-19-Ds)	11-3-37	Propellers- Determine suitable materials for.	Add. matl. recd. Report in prep.	WCS
9734 B	QP/Welding/L5(11-13-Ds)	11-17-37	Welding- Weldability of iron alloys.	30% completed.	BR
9768 B	-- L1-2/NF16(8-2-D1)	11-26-37	Chemical- Drying agents- Equipment and methods for Freon Refrigerant.	Test underway. Test A sub.	(JBL JGO)
9767 A	-- 846-23/L5(11-19-Ds)	11-29-37	Separator, whistle - Bu. Eng. Standard.	80% completed.	JBL
9790 B	QP/Welding/L5(11-30-Ds)	12-6-37	Weld- Invs. to deter. suit. of root & face bond tests to qual. welders to wkr. with Ni-Cu, Cu-Ni, C-Mn steel and Mg-Br with Phos-Bronze.	Completed. Report in prep.	BR
9803 B	\$ 85.00 867(A)/L5(11-12-Ds)	12-9-37	Thermometer, dist. reading dial- U.S. Gage Co.	Final report in prep.	JBL
9816 A	-- Oral	12-16-37	Blowers, ventilating- Elim. of noise & vibr.	Report C sub. Continuing.	JBL
9826 B	-- 846-23/L5(11-19-Ds)	12-7-37	Joint, high pres. expansion stm. pipe- G-F Signal Co.	Final report being lithoprinted.	JBL
9834 B	-- JJ33/L5 (11-6-Ds)	11-11-37	Pack., Allpax Style #1- coil form- Allpax Co.	Underway. Indef. Partial rep. sub.	JGO
9846 A	-- 841-6/L5 (2-2-Ds)	2-4-37	Piston- Design, develop & test EES cooled, in Winton 8x10 S/M Diesel for suit.	Deferred due to tests of higher priority.	WJF
9866 B	-- L1-2/NF16 (8-2-D1)	12-3-37	Piping, valves, fittings & joints for use with Freon refrigerant- Invs. of.	Report B sub. Continuing.	JBL

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9360 B	-- QP/Welding/L5(6-21-Ds)	7-19-37	Weld- Invas. of silver bearing- Test completed. non-ferrous rods & electr.- Report in prop. Amer. Silver Prod. Res. Proj.	BR
9372 A	-- S48/L5 (4-29-Ds)	7-23-37	Piping- Erosive effect of superheated steam on.	WCS Prelim. rep. made. Final sample contg.
9379 B	-- JJ33/L5(6-27-Ds)	6-10-37	Pack. valve stem, for 600# steam pres. & 750° F. temp.- The Garlock Packing Co.	JGO Underway.
9380 B	-- S-404 (6-7-Ds)	6-27-37	Pack., braided valve stem- Sym. 1104- Elhrot Eng. Mfg. Co.	JGO Underway. Partial rep. sub.
9381 B	-- JJ33/L5 (6-2-Ds)	6-10-37	Pack. Gasket matl. Asbes. metallic, Alupak brand- Felt Products Mfg. Co.	JGO Awaiting new Samples.
9386 B	-- JJ33/L5(6-21-Ds)	7-10-37	Pack., for corros-resist. steel shafts- U.S. Steel Corp., Research Lab.	JGO Underway.
9421 B	-- S51 (6-25-Ds)	7-6-37	Tubos, boiler- Failures- Misc. samples from Buang.	WCS Indefinite.
9441 A	\$ 150.00 S41-2 (6-21-Ds)	6-14-37	Ring assembly, Piston- Check Valve Piston & Ring Co.	WFJ Final report 98%.
9443 B	-- JJ33/L5(7-28-Ds)	5-4-37	Pack., plas. met. Sym. 1432- & 1434- Mohor Pack. Co.	JGO Underway. Indef. Partial rep. sub.
9550 B	-- JJ14/L5(9-10-Ds)	9-10-37	Greasos, lubrication- Investigation of.	JGO Underway. Indefinite.
9562 B	Reopened S48-24/L5 (7-6-Ds)	10-25-39	Valves, plug, for fuel oil & feedwater services- Homestead Valve Mfg. Co.	JBL Arrangements for test of steam valves underway.
9564 A	-- S62-2(V)/L5(9-3-Ds)	9-24-37	Bearings, Elcarta - Westinghouse E&M Co.	JBL 90% completed. Prelim. rep. made.
9570 A	-- S19/L5 (8-17-Ds)	9-22-37	Compd., rust prev.- Use of on propellers & shafts.	JGO Not yet underway.
9594 B	-- QP/Welding/L5(9-14-Ds)	9-27-37	Weld- CRS to Bronze- Proc. Matl. not read. appr. test- NYd., Phila.	WCS Matl. not read.
9598 B	-- QP/Welding/L5(9-14-Ds)	9-27-37	Weld- Brass to Mod. Steel- Proc. appr. test- NYd., Phila.	WCS Matl. not read.
9604 A	-- Oral		Gears, reduction - Noise tests on ships.	HTR New gear sets being purchased.

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9027 B	-- QP/Welding(4-18-Ds)	4-20-37	Weld-Inves.of effect of heat-treatment on welded brass & bronze structures.	50% completed.	BR
9030 C	-- S56-1/L5(10-19-Ds)	4-20-37	Feedwater- Effect of vent. feed lines on reduction of dissolved oxygen content.	Not yet underway.	JGO
9105 B	-- JJ14/L5(5-11-Ds)	5-5-37	Corros.-Red.of in closed cooling sys.of Diesel eng. using water-soluble oil.	Report B sub. Continuing.	JGO
9116 B	-- 848-24/L5 (3-4-Ds)	4-2-37	Valve, with integral stellite seat- Consolidated Ashcroft-Hancock Co.	Pressure drop & steam tests underway.	WCS
9117 A	-- 848/L5 (5-14-Ds)	5-17-37	Piping, high pres. steam- Repair and upkeep - Forces Afloat.	Underway 85%. Weld. invos. of pipes above 2" IPS under T-9176.	WCS
9134 A	Reopened JJ14(5-20-37)	10-3-38	Oils, lub.-for anal. from Proj. 3215- NAF, Phila., Pa.	Report H sub. Continuing.	JGO
9176 A&B	-- QP/Welding/L5(5-25-Ds)	5-29-37	Weld-Thick-walled tubing C-C-Mo & Cr-Mo to deter. proper welding technique.	Report B in prep. Report C completed.	BR
9200 B	-- JJ7-11(10-19-Ds)	6-4-37	Fuels, iron sulphide formation in liquid fuel tanks.	Report W sub. Continuing.	JGO
9224 B	-- QP/Welding (6-8-Ds)	6-19-37	Weld- Thin-walled tubing Requir. for prox. of weld. jts. to bulkhds. & docks.	Continuing. Report in prep.	BR
9240 B	-- JJ33/L5(4-28-Ds)	5-4-37	Packing, stern tube- Garlock Packing Co.	Report in prep. Partial rep. sub.	JGO
9315 B	-- JJ46-1/L5(6-29-Ds)	7-6-37	Castings, H-W molybdenum-Chromo-Nickel Steel - The Lunkensheimer Co.	Matl. on hand for creep tests when space is available.	WCS
9323 B	-- QP/Welding (5-24-Ds)	7-9-37	Weld- Unionmelt process- Linde Air Products Co.	Boiler weld rep'd. Fillet weld underway.	WCS
9326 A	-- QB/L2 (5-18-Ds)	7-10-37	Feedwater, boiler- Inves. to improve deaeration of.	Final report in prep.	(JGO) (JBL)
9328 B	-- Aer-MA-61-2N, JJ14G1	7-9-37	Lubricants, proprietary - Classification of.	Report J sub.	JGO
9337 B	\$ 200.00 S39/L5(5-25-Ds)	7-8-37	Insul., high temp. block #121 & Pipe covering - F.E. Schundler Co.	Awaiting new Samples.	

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending 30 November 1939

8866 B	-- JJ33/L5(12-22-Ds)	1-13-37	Pack., Gasket, manhole - 555 Guardian brand - Garlock Packing Co.	Underway.	JG'
8867 B	-- JJ33/L5(12-22-Ds)	1-12-37	Pack., plas. metal. & non- metal. Sym. 1106, 1107 and 1434- Garlock Pack. Co.	Underway. Indef. Partial rep. sub.	JG'
8868 B	\$ 125.00 JJ33/L5(12-22-Ds)	1-13-37	Pack., plas. met. Sym. 1432 & 1433- Garlock Pack. Co.	Underway. Indef. Partial rep. sub.	JG'
8906 B	-- 846-5/L5(1-11-Ds)	3-9-37	Condenser- Estab. improved design by exper. tests in order to prev. tube failure.	Report H made. Continuing.	WCS
8912 B	\$ 125.00 JJ33/L5 (3-3-Ds)	3-13-37	Pack., semi-met. Sym. 1400- Style 7305-Garlock Pack. Co.	Underway. Indef. Partial rep. sub.	JGO
8935 B	-- 862-2(H)/L5 (1-25-Ds)	2-15-37	Pack., plas. stuffing tube- JM Style MK-2054- Johns Manville Sales Corp.	New samp. recd. Test discontinued.	JGO
8936 B	-- JJ33/L5(12-22-Ds)	2-19-37	Pack., asb. high pres. rod- Belmont Pack. & Rubber Co.	Report in prep.	JGO
8959 B	-- Aer-E-46-MH/JJ14	2-12-37	Oils, lub. avia., Compar. of used oils-Extended & short range flights- BYY-1 planes Aircraft, Base Force.	Report A sub.	JGC
8976 B	\$ 825.00 846-5/L5 (3-11-Ds)	3-30-37	Ejector, air - Graham Mfg. Co., Inc.	Final report lithoprinted.	JBH
9002 B	-- Aer-E-46-MH/JJ7-4	4-1-37	Fuels, Diesel, Aircraft Investigation of -	Autoxygen compl. & rep. WF Hiacet tests compl. Sharpl 90%; Carbide 60% compl.	WF
9003 A	-- 841-3/L5(4-6-Ds)	4-13-37	Liners, skin type, for Win- ton engine cyl.- Eaton Mfg. Co., Wilcox-Rich Div.	2nd liner rec'd. Await. eng. for test	WF
9005 B	-- QB/L2(1-30-Ds)	4-12-37	Flanges, with ring joint facings.	Held up acct of install. superheater.	WCS
9006 B	-- QP/Welding/L5(4-20-Ds)	5-1-37	Joints, welded- Inves. of in fuselage of Mod. SOC-1 Airplane 9965- Bu. Aero.	Report in prep.	WCS
9026 B	-- QP/Welding(1-28-Ds)	4-20-37	Electrodes, weld-Bronzed E Arcos Corp.-Qual. Tests	Cancellation requested.	BR

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Annapolis, Maryland

Report of tests for month ending 30 November 1939

8561 B	-- CAS7/848(6-20-Ds)	10-27-36	Pack., compressed asbes- sheet- Inves.to develop method of test- Var.exhib.	Underway. Indefinite.	JGO
8562 B	-- 841-3(s) (10-16-Ds)	10-27-36	Spark plugs- Deter.of pre-ignition rating of.	Underway as oppor- tunity permits.	JBL
8571 B	-- JJ34 (6-19-Ds)	10-30-36	Hose, steam, for 800# psi Eclipse Aviation Corp.	Final report in prep.	JBL
8706 B	\$ 200.00 848-24/L5 (11-9-Ds)	12-22-36	Valve, boiler blow-off Homestead Valve Mfg.Co.	Compl.& Rep. Await.finan.adj.	JBL
8723 B	-- JJ17/L5 (12-6-Ds)	12-19-36	Spark plugs - OanO Company.	Underway as oppor- tunity permits.	JBL
8732 B	-- 839/L5 (10-26-Ds)	11-12-36	Pack.asb.oloth, plain & wire reinforced-Var.mfrs.	Underway. Report in prep.	JGO
8739 B	-- JJ33/L5(11-27-Ds)	12-30-36	Pack., Gaskets, pressure filled- Wills Gasket, Ltd.	Temporarily diset'd Await.now samples.	JGO
8743 B	-- QP/Welding(1-31-Ds)	2-24-36	Weld-Inves.of factors bear- ing on ductility of root bond specimens from Type I welders' qualification test.	Reported.	BR
8764 B	-- JJ33/L5(10-23-Ds)	12-7-36	Pack., valve stem, high pres.-J.Crane Supersseal #6AM- Crane Packing Co.	Report in prep.	JGO
8776 B	-- JJ33/L5(12-22-Ds)	1-16-37	Pack.asb.high pres.rod- Holios 303-Crandall Pk.Co.	Report in prep.	JGO
8783 A	-- 841-5/882/L5(4-6-Ds)	4-8-37	Engines, Diesel power- boat- Calibration of.	DD compl.& reptd. DA compl. Rep.99%.	WFI
8809 A	-- 841-5/L5 (2-2-Ds)	2-4-37	Pistons, exper.replacement- Winton forged alum.; EES reenforced head; AlCoA UPRR for Winton sub.eng.	Steel crown tests Awaiting use of equipment.	WFI
8827 A	Reopened L5/NP16(11-14-Ds)	2-18-38	Tubes, boiler, failed - Exam.of- SAN FRANCISCO.	Water sampl.anal. being mado. Add.tubes reed.- Underway 30%.	WCS
8833 B	-- JJ33/L5 (2-9-Ds)	2-10-37	Pack., Sym.1104- Tests to determine max.& min. lubrication required.	Underway. Indefinite.	JGO
8865 B	-- QP/L5 (12-17-Ds)	2-20-37	Tubes, condenser- Tests in experimental condensers.	Extended inves.	WCS

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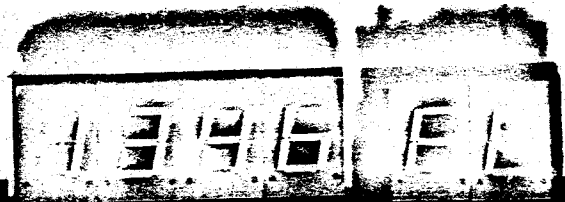
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U.S. Naval Engineering Experiment Station Monthly report of tests - November 1939. File # NP16/L5.			

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**U. S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland**

List of tests reported during month ending 30 November 1939

<u>Test No.</u>	<u>Nov.</u>	
B-56-C JGO	14	Protective coatings for high temp.service, Test of Thur-Ma-Lex No.7 & No.10 - See report for recommendations.
B-56-D JGO	14	Protective coatings for high temp.service, Test of Hi-Heat Resisting Aluminum Liquid & Heat Resisting Aluminum Liquid - See report for recommendations.
B-56-E JGO	17	Protective coatings for high temp.service, Test of #1100 Permite Ready-Mixed Heat Resisting Aluminum Paint- See report for recommendations.
B-263 WJ	15	Test of isolation characteristics of Korfund Vibro-Insulators & their suitability as replacements for rubber mountings under Navy type powerboat Diesel engines,mfr.by Korfund Co.,Inc.,Long Island City,N.Y. - See report for recommendations.
B-449-B JGO	6	Lub.oil,analysis of- Sample of New Texaco 2135 oil for Post Office,San Antonio,Tex. - No recommendations.
B-640 WCS	6	Corrosion Resistance of Annealed & Hard 70:30 Copper-Nickel Alloy - See report for recommendations.
B-940 JBL	27	Klipfol Type 135 Constant Back Pressure Relief Valve, mfr. by Klipfol Mfg.Co.,Chicago,Ill. - See report for recommendations.
B-962-B WJ	10	Determination of suitable viscosity range for use of Navy Symbol 3000-Series Lub.Oils with 8"x10" forged aluminum piston,EES Dwg. E-1061,Alt.1 - See report for recommendations.
B-969-A(1) WCS	3	NYd.Test Boilers- Welding of carbon molybdenum steel steam pipe- Process approval test- NYd.,Phila.,exh.- Approval recommended.
B-969-B WCS & BR	10	NYd.Test Boilers- Welding of carbon molybdenum steel steam pipe- Process approval test- NYd.,N.Y.,exh.- See rep.for recommendation
B-969-C WCS & BR	14	NYd.Test Boilers- Weld.of carbon molybdenum steel steam pipe - Process approval test-NYd.,Puget Sd.- See rep.for recommendations
B-979 BR	21	2" IPS socket type weld.end valves for high temp.service- Crane Co.,Chicago,Ill.,exhib.- See report for recommendations.
B-1016 JGO	15	Insulation, turbine blanket fiberglass brand, sub.by Owens-Corning Fiberglas Corp.,Toledo,O.- See report for recommendations.
B-1146 JGO	6	Packing,compressed asb.sheet, with Neoprene binder- Goodrich Grade 20-M- Product of Goodrich Co.- No recommendations.
B-1204-B JBL	6	Bower Tapered Roller Bearings mfr. by Bower Roller Bearing Co., Detroit,Mich. - Considered suitable.
B-1273 JGO	17	BOB Engines- packing for attached circular water pumps for main engines - See report for recommendations.

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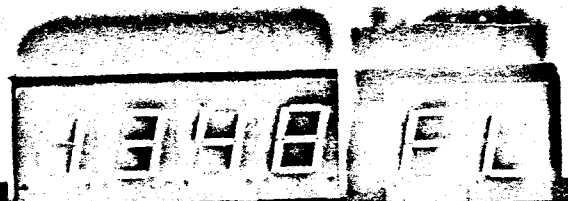
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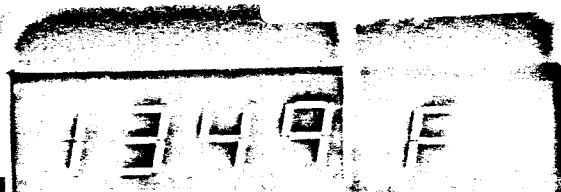
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Annapolis, Maryland

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Test No.	Nov.	
B-1570-AD JGO	22	Lub.oil,analysis of- Cont.66906 Texaco 4065 oil for use on U.S.A.M.P. BELL from War Dept.- San Francisco General Depot, Fort Mason, San Francisco, Calif. - No recommendations.
B-1570-AE JGO	22	Lub.oils, Analysis of - Contract 66906, Texaco oils for check test - No recommendations.
B-1570-AF JGO	27	Lub.oils, for check test- Contract 66906- Sample from Naval Torpedo Station, Newport, RI - No recommendations.
B-1570-AG JGO	24	Lub.oil,analysis of- Cont.66906- Texaco 2250 oil taken aboard USS SEALION at Elec. Boat Co. Plant- No recommendations.
B-1570-AH JGO	30	Lub.oils,analysis of- Cont.66906- Texaco oils from SO, NYd., Puget Sound, Bremerton, Wash., for Check Tests- No recommendations.
B-1570-AI JGO	30	Lub.oil for Check Test- Cont.66906- Sample from Naval Torpedo Station, Newport, R.I.- No recommendations.
B-1582 JGO	20	Burnham 2075, 2110, 2135, 2190 & 2250 lub.oils, sub. by Calumet Refining Co., Chicago, Ill.- Acceptance recommended.
B-1606-C JGO	8	Gaskets, boiler handhole for var. NYds.- Cont. Nos-66978- Anchor Packing Co., contr. - Acceptance recommended.
B-1606-P JGO	8	Gaskets, boiler, asbestos metallic cloth for NYd., San Diego, Calif. (96)- Cont. C-66979- Garlock Pack. Co., ctr.- Accept. recommended.
B-1606-Q JGO	6	Cont. C-66979- Boiler gaskets for Brooklyn, N.Y. Order #6- Garlock Packing Co., contr. - Acceptance recommended.
B-1606-R JGO	21	Cont. C-66979- Boiler gaskets, handhole & manhole for Bremerton, Wash. #2- Garlock Pack. Co., ctr. & mfr.- Acceptance recommended.
B-1606-S JGO	29	Cont. C-66979- Boiler gaskets for Swall's Point, Va. (1)- Garlock Pack. Co., contr. - Acceptance recommended.
B-1612 JGO	6	Test of standard hydraulic gear oil, sub. by Standard Oil Company of Calif. - Not recommended for use in Naval Service.
B-1622 JEL	17	Gage, absolute pressure, di: 1 type- Manning, Maxwell & Moore, Inc., exhib.- Considered unsuitable.
B-1624-C JEL	30	Leters, fuel oil- Calibration after trials SS EXPLORER- Maritime Commission #35, Bethlehem 1475 - No recommendations.
B-1629-F ER	8	Qualification test of welders re. welding superheater tubes - Foster Wheeler Corp., exhib. - See report for recommendations.
B-1633-I TCS	8	FO 780450 - Nitrided sleeves for SS201, 202, 203- Fairbanks, Morse & Co., mfr. & ctr. - Acceptance recommended.
B-1639-AS JGO	1	Packing, braided asb. valve stem- Cont. O-67339- Garlock Pack. Co., ctr. & mfr.- For NYd., Portsmouth, Va. #2- Acceptance recommended.

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Test No.	Nov.	
B-1639-AT JGO	1	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., ctr. & mfr.- For NYd., Portsmouth, N.H. #4- Acceptance recommended.
B-1639-AU JGO	7	Cont. 67339- Asb. metallic rubber sheet packing for Maro Island #5- Garlock Packing Co., ctr. - Acceptance recommended.
B-1639-AV JGO	8	Cont. 67339 - Asb., metallic rubber sheet packing for Boston, Mass. #5- Garlock Packing Co., ctr. - Acceptance recommended.
B-1639-AW JGO	9	Cont. 67339- Asbestos metallic cloth sheet packing for Bronerton, Wash. (1)- Garlock Packing Co., ctr. - Acceptance recommended.
B-1639-AX JGO	9	Cont. 67339- Hydraulic packing for Norfolk, Va. (11)- Garlock Packing Co., contr. - Acceptance recommended.
B-1639-AY JGO	9	Packing, braided asb. valve stem- Cont. 67339 - Garlock Packing Co. contr. & mfr.- For NYd., Portsmouth, N.H. (5)- Accept. recommended.
B-1639-AZ JGO	16	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr.- for Newport, R.I.- Acceptance recommended.
B-1639-BA JGO	21	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr.- For Portsmouth, Va. (5)- Acceptance recommended.
B-1639-BB JGO	21	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr.- For Pensacola, Warrington, Fla.- Accept. recommended.
B-1639-BC JGO	21	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr.- For NYd., Portsmouth, N.H. (6)- Accept. recommended.
B-1639-BD JGO	21	Cont. 67339- Metallic rubber sheet packing for Portsmouth, Va. (4) - Garlock Packing Co., ctr.- Acceptance recommended.
B-1639-BE JGO	22	Cont. 67339- Metallic rubber sheet packing for Bronerton, Wash. (2)- Garlock Packing Co., contr. - Acceptance recommended.
B-1639-BF JGO	28	Cont. 67339- Metallic asbestos rubber sheet packing for Maro Island Order #4- Garlock Packing Co., contr.- Acceptance recommended.
B-1639-BG JGO	28	Packing, asb. metallic cloth for NYd., Brooklyn, N.Y. (7)- Contract 67339- Garlock Packing Co., contr.- Acceptance recommended.
B-1639-BH JGO	30	Cont. 67339- Hydraulic packing for San Diego, Calif. (1106) - Garlock Packing Co., contr. - Acceptance recommended.
B-1639-BI JGO	29	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr.- For NYd., Portsmouth, Va. (3) - Acceptance recommended.
B-1639-BJ JGO	29	Packing, braided asb. valve stem- Cont. 67339- Garlock Packing Co., contr. & mfr. - For NYd., Brooklyn, N.Y. (6)- Acceptance recommended.
B-1642-C JGO	29	Cont. 67342- Hydraulic coil packing- Quaker City Rubber Co., mfr.- Acceptance recommended.

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

List of tests reported during month ending 30 November 1939

<u>Test No.</u>	<u>Nov.</u>	
B-1643-I JGO	10	Cont.67343- Compressed asb.sheet packing for NYd.,Brooklyn,N.Y. Order #2- Asbestos Textile Co.,ctr.- Acceptance recommended.
B-1646-G JGO	16	Cont.67346- Spiral,high pressure semi-metallic packing for Puget Sound- Order #6- Crane Pack.Co.,contr.- No recommendations.
B-1646-H JGO	17	Cont.67346- Metallic plastic packing for Mare Island- Crane Pack. Co.,contr. - Acceptance recommended.
B-1648-G JGO	7	Packing,plant fibre sheet- Cont.67348 - Johns-Manville Co.,contr. Acceptance recommended.
B-1662-D JGO	3	Cont.Tps-30148- Gasoline,motor, for U.S.Engineer Boat Yard, St.Louis,Mo. - No recommendations.
B-1663-S JGO	10	Fuel oil,analysis of- Cont.Tps-30,200, Item 567- Sample of Burner #3 fuel oil from War Dept.,US Engr.Boat Yard- No recommendations.
B-1663-T JGO	22	Diesel fuel- Cont.Tps-30198,Item 566, St.Louis Dist.PO #40-1951- from War Dept.,US Engr.Boat Yard,St.Louis,Mo. by Lion Oil Refin- ing Co.,Eldorado,Ark. - Acceptance recommended.
B-1665-B JGO	21	Hot running torpedo oil, analysis of - Cont.66813 with E.P. Houghton Co.,from NYd.,Brooklyn,N.Y.- Rejection recommended.
B-1670-P WCS	7	Cont.C-67042- Erie Forge Co.forgings 2272-P7 & 2273-P3 - H.P. & L.P. turbine rotors for DD433-436- var.NYds.- Accept.recommended.
B-1670-Q WCS	10	Cont.C-67042- Erie Forge Co.forging 2274-P6- Cruising turbine rotor for DD433-436,incl.- var.NYds.- Acceptance recommended.
B-1670-R WCS	14	Cont.67042- Erie Forge Co.forging 2274-P7- Cruising turbine rotor for DD433-436,incl.- var.NYds.- Acceptance recommended.
B-1670-S WCS	17	Cont.67042- Erie Forge Co. forging 2272-P6- H.P.turbine rotor for DD433-436,incl.- var.NYds. - Acceptance recommended.
B-1681-J WCS	7	Cont.NOs-66973- Struthers Wells-Titusville Corp.forging 24232-P1- Stern tube (port) for DD441-444- Boston NYd.- Accept.recommended.
B-1684-B JGO	9	Boiler water treatment, N.A.D., Iona Island,N.Y. - No recommendations.
B-1693-E JGO	1	Test of apparatus to quickly remove heavy anti-corrosive compds. from laid-up machinery of decommissioned vessels- No recommends.
B-1694-J WCS	1	Concrete cylinders, Test of - Housing Authority of the City of Annapolis - No recommendations.
B-1694-K WCS	6	Concrete cylinders, Test of - Housing Authority of the City of Annapolis - No recommendations.

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Annapolis, Maryland

List of tests reported during month ending 30 November 1939

<u>Test No.</u>	<u>Nov.</u>	
B-1694-L WCS	6	Concrete Cylinders, Test of - For Housing Authority of the City of Annapolis - No recommendations.
B-1694-M WCS	9	Concrete Cylinders, Test of - For Housing Authority of the City of Annapolis; no recommendations.
B-1694-N WCS	14	Concrete Cylinders, Test of - For Housing Authority of the City of Annapolis - No recommendations.
B-1694-O WCS	16	Concrete cylinders, Test of - For Housing Authority of the City of Annapolis - No recommendations.
B-1694-P WCS	29	Concrete cylinders, Test of - For Housing Authority of the City of Annapolis - No recommendations.
B-1694-Q WCS	28	Concrete cylinders, Test of - For Housing Authority of the City of Annapolis - No recommendations.
B-1706-C JGO	16	Fuel oil for Power Plant, U.S.N.A.- Cont.67156- Standard Oil Co., contr. - No recommendations.
B-1706-D JGO	21	Fuel oil for Power Plant, U.S.N.A.- Cont.67156- Standard Oil Co., contr. - No recommendations.
B-1708-E JGO	6	Diesel fuel & lub.oil, analysis of - Samples of new & used oil taken during run of the O.P. engine, 9 cyl. 8-1/8"x10" #809076 at Fairbanks, Morse & Co. - No recommendations.
B-1708-F JGO	14	Lub. & Diesel fuel oil- New & used oil taken from endurance test of Engine 809077 at Fairbanks, Morse & Co.- Accept. recommended.
B-1724 JGO	16	Aircraft engine fuel, sub.by Standard Oil Co. of Calif for performance with A-N Specs.- See report for recommendations.
B-1741 JGO	17	Test of T-39-1100 & T-39-1120 aviation lub.oils, sub. by Standard Oil Development Co., N.Y.C.- Acceptance recommended.
B-1742 JGO	7	Diesel fuel & lub.oil, analysis of- Samples of new & used oils - Alaska Road Commission, Chitina, Alaska- No recommendations.
B-1750-G WCS	9	Westinghouse Order 50-93996- Bath.Steel Co. Forging Heat No. 26K581B3- Turbine Spindle for DD425-428- Accept. recommended.
B-1780-M WCS	9	Order 717-39-13- Erie Forge Co. forging 2573-P3- Propeller shaft for DD437-438- Bath Iron Works Corp.- Acceptance recommended.
B-1780-N WCS	9	Order 717-39-14- Erie Forge Co. forging 2580-P1- Stern tube shaft for DD437-438- Bath Iron Works Corp.- Acceptance recommended.
B-1780-O WCS	14	Order 717-39-14- Erie Forge Co. forging 2580-P2 - Stern tube shaft for DD437-438- Bath Iron Works Corp.- Accept. recommended.



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<u>Test No.</u>	<u>Nov.</u>	
B-1780-P WCS	14	Order 717-39-13- Erie Forge Co. forging 2573-P5- Propeller shaft for DD437-438- Bath Iron Works Corp.- Acceptance recommended.
B-1780-Q WCS	14	Orders 717-39-13 & 717-39-14- Erie Forge Co. forgings 2477-P1 & P2, 2596-P1-r & 2597-P1-4- Line shafts, inboard couplings and locking plates for DD437-438 - Acceptance recommended.
B-1781-E WCS	30	Order 93004- Erie Forge Co. forgings 2462-P7, P8 & P10- Crank-shafts for SS206-208, incl.- Gen'l Motors Corp., Cleveland Diesel Engine Div., Cleveland, O.- Acceptance recommended.
B-1791 WFS	9	Piston rings, "Pedrick" for McIntosh & Seymour Diesel Engine - No recommendations.
B-1795-C JGO	17	Contract WOs-68496 - Navy Boiler Compound - B.P. Lucas Co., contr.- No recommendations.
B-1802 JGO	21	Asbestos cloth & yarn for NYd., N.Y.- Reqn. 146/40- Cont. H140s-79697 - J.M. Sales Corp., contr. - Acceptance recommended.
B-1807 JGO	20	Asbestos cloth for NYd., Boston, Mass.- Reqn. 326, Order Nills-23220- J.M. Copr., mfr. - Acceptance recommended.
B-1809-R WCS	3	Order 170-65- Carnegio-Illinois Steel Corp. forging 628- Stern tube shaft (stbd.) for DD439-440- Acceptance recommended.
B-1809-S WCS	3	Order 170-65- Carnegio-Illinois Steel Corp. forging 629- Stern tube shaft (stbd.) for DD439-440 - Acceptance recommended.
B-1809-T WCS	10	Order 170-65- Carnegio-Illinois Steel Corp. forging 623 - Propeller Shaft for DD439-440- Federal SB&DD Co.- Accept. recommended.
B-1809-U WCS	9	Order 170-65- Carnegio-Illinois Steel Corp. forging 624- Propeller shaft for DD439-440 - Acceptance recommended.
B-1809-V WCS	9	Order 170-65- Carnegio-Illinois Steel Corp. forging 625- Propeller shaft for DD439-440- Federal SB&DD Co.- Accept. recommended.
B-1809-W WCS	16	Order 170-65- Carnegio-Illinois Steel Corp. forging 627- Stern tube shaft (port) for DD439-440- Fed. SB&DD Co.- Accept. recommended.
B-1819 WCS	13	Tubes, failed, from USS HOUSTON - Augmenter Condensor - No recommendations.
B-1830-B JGO	9	Insulation, high temp. cement- Cont. a/c 64611- Foster Wheeler Corp., contr.- Philip Carey Mfg. Co., mfr.- Acceptance recommended.
B-1837 WCS	8	Steel tubing- furnished by NYd., Charleston, S.C. - No recommendations.
B-1837-B WCS	8	Steel tubing- furnished by Navy Yard, Philadelphia, Pa. - No recommendations.

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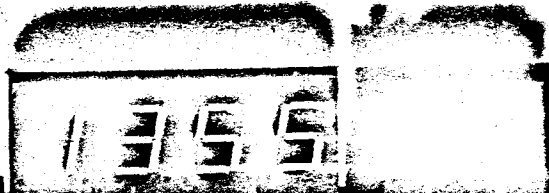
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Test No.	Nov.	
B-1841 WCS & BR	27	Qual. of G.E. Automatic Shielded Metallic Arc Weld. Process, using Filler Metal known as Murex Type "F" Coil- American Locomotive Co. exhibitor - See report for recommendations.
B-1843-D WCS	1	Cont. C-181s-38585- Struthers Wells-Titusville Corp. forgings 24601 & 24610- Line shaft & Inboard coupling for Norfolk NYd. - Acceptance recommended.
B-1843-E WCS	1	Contract C-181s-38585- Struthers Wells-Titusville Corp. forgings 24608-P1, 24609-P1- Line shafts for Norfolk NYd. - Accept. recommended.
B-1843-F WCS	13	Contract 181s-38585- Struthers Wells-Titusville Corp. forgings 24590-P1 to 24599-P1, incl. - Propeller shafts & stern tube shafts for Norfolk NYd. - Acceptance recommended.
B-1862 JGO	3	Test of "Whis" hydraulic gear oil, sub. by R.M. Hollingshead Corp., Camden, N.J. - Not recommended for use in Naval Service.
B-1865-E WCS	3	Order UB-2553-D- Bethlehem Steel Co. forging 740- Line shaft for BB53/54- Acceptance recommended.
B-1865-F WCS	17	Order UB-2553-D- Bethlehem Steel Co. forging 738- Line shaft for BB53-54 - Acceptance recommended.
B-1865-G WCS	17	Order UB-2553-D- Bethlehem Steel Co. forging 742- Line shaft for BB53-54- Acceptance recommended.
B-1876-B JGO	1	Diesel fuel & lubricating oil, analysis of - Samples from the USS RUSSELL - No recommendations.
B-1877-B JGO	21	Lubricating oil and Diesel fuel, analysis of - Samples of new oils from USS SAURY - Acceptance recommended.
B-1886-B JGO	14	Contract MOs-68633 - Motor gasoline (Motor Fuel V) for U.S.N.A. - American Oil Co., contr. - Acceptance recommended.
B-1888-C WCS	22	G.E. Co. Order KW-646706- Bethlehem Steel Co. forging heat No. 22K217B1- Turbine rotor for BB57- Acceptance recommended.
B-1888-D WCS	28	G.E. Co. Order KW-646706- Bethlehem Steel Co. forging 22K217A1 - Turbine rotor for BB57- Acceptance recommended.
B-1895 JGO	1	Cont. MOs-64611- Foster Wheeler Corp. Order 27964- Compressed asb. sheet for BB58-60- Beth. Steel Corp. Ord. 8919-444-D-1460- Asbestos Compressed sheet packing for CV-7 - Johns-Manville Corp., mfr. - Acceptance recommended.
B-1897 JGO	29	Packing, braided asb. rod- Order O-142882, Cont. NOD-1179- Northern Pump Co., ctr. - Garlock Pack. Co., mfr. - For SS206-8 - Acceptance recommended.

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B-1901 JGO	1	Packing, asb. metallic cloth sheet, for DD439-440- Order 170-270 - Federal SB&DD Co., ctr.- Garlock Pack. Co., mfr.- No recommendations.
B-1901-C JGO	1	Packing, cloth inserted rubber sheet- for DD439-440- Order 170-270 Fed. SB&DD Co., ctr.- Garlock Pack. Co., mfr.- No recommendations.
B-1901-D JGO	30	Packing, cloth inserted rubber sheet- Ord. 170-270- Fed. SB&DD Co., ctr.- Garlock Pack. Co., mfr. - Acceptance recommended.
B-1902 JGO	1	Packing, compressed asb. sheet, for SS206-207-208- Order 88623 - Cont. MOD-1179- Harrison Radiator Div., contr.- Garlock Packing Co. mfr. - Acceptance recommended.
B-1907-B WCS	1	Order O-815-424-D-1479- Erie Forge Co. forging 2783-P1- Line shaft for Beth. Steel Corp., Quincy, Mass.- Acceptance recommended.
B-1907-C WCS	1	Order O-815-424-D-1479- Erie Forge Co. forging 2785-P1- Line shaft for Beth. Steel Corp., Quincy, Mass.- Acceptance recommended.
B-1907-D WCS	1	Order O-815-424-D-1479- Erie Forge Co. forging 2786-P1- Line shaft for Beth. Steel Corp., Quincy, Mass.- Acceptance recommended.
B-1907-E WCS	17	Order 815-424-1479- Erie Forge Co. forging 2784-P1- Line shaft for Bethlehem Steel Corp., Quincy, Mass.- Acceptance recommended.
B-1908 JGO	3	NSA Reqn. 1(1940), Order 73561- Ball bearing lubricant- Master Lubricants Co., contr.- Rejection recommended.
B-1909 JGO	17	USS WINSLOW - Gyro Compass Equipment - Rotor Bearing Oil - No recommendations.
B-1912-B WCS	7	Order O-646702- Erie Forge Co. forging 2794-P2- Turbine Rotor Forging for Gen'l Elec. Co., Lynn, Mass.- Acceptance recommended.
B-1912-C WCS	21	Order 646702- Erie Forge Co. forging 2794-P1- Turbine rotor forging for Gen'l Elec. Co., Lynn, Mass.- Acceptance recommended.
B-1914-B WCS	14	Order 88610- Erie Forge Co. forging 2461-P2- Crankshaft for Gen'l Motors Corp., Cleveland, O. - Acceptance recommended.
B-1914-C WCS	21	Order 88610- Erie Forge Co. forging 2461-P4- Crankshaft for Gen'l Motors Corp. - Acceptance recommended.
B-1914-D WCS	21	Order 88610- Erie Forge Co. forging 2461-P3 - Crankshaft for Gen'l Motors Corp. - Acceptance recommended.
B-1916 JEL	9	Meters, fuel oil - Calibration before trials USS WASP (CV7) - No recommendations.
B-1915-B JEL	30	Meters, condensate, calibration before trials USS WASP (CV7) - No recommendations.



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Test No.	Nov.	
B-1917 JGO	1	Cont.66169 - Decorating heaters for DD441-444 - Elliott Company, mfr. - Proposed model test procedure- No recommendations.
B-1918 JGO	6	Packing,wire inserted rubber sheet for DD433-436- Order 30452-90 Griscom-Russell Co.,contr. - Garlock Pack.Co.,mfr. - Acceptance recommended.
B-1919 JGO	7	Valves,pump,rubber,for NYd.,Hare Island,Calif.(1)- Cont.68992 - Garlock Pack.Co.,contr.- Acceptance recommended.
B-1919-B JGO	22	Rubber valves, pump for Sewalls Point (2)- Cont.68992 - Garlock Packing Co.,contr. - Acceptance recommended.
B-1919-C JGO	29	Cont.68992 - Rubber valves for Norfolk,Va.(1) - Garlock Packing Co.,contr. - Acceptance recommended.
B-1920 JGO	6	Packing,wire inserted rubber sheet for DD433-436- Order 30452-85- Griscom-Russell Co.,contr.- Garlock Packing Co.,mfr. - Acceptance recommended.
B-1921 JGO	1	Struthers Wells-Titusville Corp. Order 31073-17 on Vellumoid Co. for plant fiber sheet packing - a/o Navy Cont.NOs-64658 - Acceptance recommended.
B-1922 JGO	3	Lub.oil - Bath.Steel Order S-1012-400-D-1460 on Gulf Oil Corp. Symbol 3065 oil- Acceptance recommended.
B-1925 JGO	10	Lub.oil, New & used "Cadel Diesel lubricant S43 20" samples - Cont.NOs-67088- for Caterpillar Diesel Engines- No recommendation
B-1926 JGO	9	Order O-30452-89, Cont.65864- Cloth inserted rubber packing for DD433-436- Garlock Packing Co.,mfr.- Acceptance recommended.
B-1928 WCS	28	USS JARVIS - Defective boiler tube - No recommendations.
B-1929 JGO	7	Cont.WOd-1180-1267 - Plant fiber sheet packing for SS206-207-208 AVP-12-13- Vellumoid Co.,mfr. - Acceptance recommended.
B-1930 JGO	7	Lub.oil- Ord.11441- Now Gargoyle DTE-BB oil from Gov't of the District of Columbia Purchasing Officer- No recommendations.
B-1931 JGO	17	Fuel oil,Navy, rec'd from SS ELISHA WALKER & SS GEO.H.JONES from Std.Oil Co.- Contract 68882 - No recommendations.
B-1932 JGO	7	Contract 66902- Lukens Steel Co. Order 8933- Rust Preventive Compd. Grade II Medium- E.F.Houghton Co.,ctr.- Accept.recommended
B-1933 JGO	8	Fairbanks,Morse & Co.Ords.835100,117,156,156,153,045,047,048,050, 051,052 & 099- Compressed sheet packing- Johns-Manville Co.,mfr. - Acceptance recommended.

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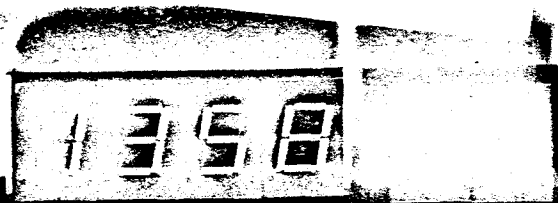
<u>Test No.</u>	<u>Nov.</u>	
B-1934 JGO	17	Par-Al-Ketone, Type B, for Vought Vickers Aircraft Corp.- Cont. NOs-86259, Ord.A-0367- Alox Corp.,mfr.- Acceptance recommended.
B-1936 JGO	9	Insulation,high temp.block- Reqn.118- Order N111s-22405- Johns-Manville Corp.,contr. - Acceptance recommended.
B-1936 WCS	9	USS LIXIE(AD14) - Distiller Condenser Tubes - See report for recommendations.
B-1937 JGO	14	Order 79/40- Compressed asbestos sheet packing for USS MADISON - Garlock Packing Co.,contr.- Acceptance recommended.
B-1938 JGO	9	P.O. 417-2646- Navy Boiler Compound - B.P.Lucas Co.,mfr. - Acceptance recommended.
B-1939 JGO	9	Insulation,high temp.block - Babcock & Wilcox Co. Ord.62608 - Johns Manville,contr.& mfr. - Acceptance recommended.
B-1940 WCS	7	Order 86345 - Bethlehem Steel Co. forging 753- Gear shaft for LD421-422 - Acceptance recommended.
B-1943 JGO	14	Lub.oil - Samples of oil from War Dept.,Watertown Arsenal, Watertown,Mass. - No recommendations.
B-1944 JGO	14	Lub.oil - "NuZip" Purging Oil mfr. by Pennzoil Co. for use in removing asoline gums, varnish & sludge from gasoline motored trucks & cars - No recommendations.
B-1947 JGO	9	Tectyl rust preventive compds. for NYD., Phila.,Pa. - Potomac Chemical Co.,contr. - Acceptance recommended.
B-1952 JGO	28	Lub.oils & deposit from main turbine lubrication system, USS HENLEY, Analysis of - See report for recommendations.
B-1953 WCS	14	Order UB-2668-D- Bethlehem Steel Co. forging 765 - Stern tube shaft for BB59 - Acceptance recommended.
B-1954 JGO	16	Tape, insulating asb.for NSD, San Diego- Reqn.1-54, Order N220s-155716- J.K.Sales Corp.,ctr.- Acceptance recommended.
B-1955 JGO	16	Asbestos cloth for NSD, San Diego- Reqn.1/40/L-2086, SP Order N: 3115- J.K.Sales Corp.,contr. - Acceptance recommended.
B-1956 JGO	16	Insulation,pipe-covering,Magnesia, Reqn.452/40- Cont.N140s-80148 Johns Manville Sales Corp.,ctr.- Acceptance recommended.
B-1957 JGO	16	Packing,flax for CV-8- Ord.385-979- E.N.SB&LD Co.,contr.- Garlock Packing Co.,mfr. - Acceptance recommended.
B-1958 JGO	16	Order 160-1741- Compressed asb.sheet packing for LD431-432 - Federal SB&LD Co.,ctr.- Garlock Pack.Co.,mfr.- Accept.recommende

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Test No.	Nov.	
B-1959 JGO	14	Packing, braided asbestos valve stem- Order 14577-A - Northern Pump Co., contr.- Garlock Pack. Co., mfr.- Acceptance recommended.
B-1960 JGO	16	Reqn. NSA 79-40- Compressed asb. sheet pack. for USS DD428 & DD427 Garlock Packing Co., contr. - Acceptance recommended.
B-1961 JGO	16	Scale from T.B.J. Tube Plate & Flow Meter Disk, and Distilled Water used in T.B.J. Transmitter, analysis of- No recommendations.
B-1962 JGO	17	Order (417-2631)(420-309) John Crane 77-CK & Condenser Tube Pack. Rings for USS DIXIE- N.Y.S/B Corp., contr.- Crane Packing Co., mfr. - Acceptance recommended.
B-1963 JGO	16	Cont. 531895- Metallic plastic packing for USS BARNEGAT- Gen'l Motors-Ingersoll Rand, contr.- Crane Pack. Co., mfr. - Acceptance recommended.
B-1964 JGO	17	Packing, wire inserted rubber sheet for York Ice Mach. Corp.- Order 89157 & 89158, a/c Cont. 64170- U.S. Rubber Co., mfr. - Acceptance recommended.
B-1965 JGO	16	Insulation, molded amosite asb. pipe covering for USS DIXIE, Order 417-2571- N.Y.S/B Corp., ctr.- Union Asbestos & Rubber Co., mfr. - Acceptance recommended.
B-1966 WCS	15	Ord. 168-57- Carnegie-Ill. Steel Corp. forging 878- Outboard coupling for CL51-52- Fed. SB&DD Co. - Acceptance recommended.
B-1966-B WCS	15	Ord. 168-57- Carnegie-Illinois Steel Corp. forging 882- Outboard coupling for CL51-52- Fed. SB&DD Co.- Acceptance recommended.
B-1966-C WCS	15	Ord. 168-57- Carnegie-Illinois Steel Corp. forging 883- Outboard coupling for CL51-52- Federal SB&DD Co.- Acceptance recommended.
B-1968 JGO	17	Oil, lub., for elec. hydraulic gear, test of sample in accordance with O.S. 1113, Revision A - No recommendations.
B-1969 JGO	17	Diesel fuel- from U.S.C.G. Cutter ANTIETAM- Purchased from the Wisconsin Ice & Coal Co. - No recommendations.
B-1970 JGO	17	USS DIXIE, Analysis of proposed boiler feed water - No recommendations.
B-1971 JGO	20	Pack., rubber sheet, cloth inserted- Ord. 90024- Gen'l Electric Co., contr.- Garlock Packing Co., mfr. - No recommendations.
B-1972 JGO	17	Pack., braided asb. rod stem- Order 14596A- Gen'l Motors Corp., ctr. Garlock Packing Co., mfr.- For SS172- Acceptance recommended.
B-1973 JGO	17	Pack., asb., valve stem- Order 30645-14- Griscom-Russell Co., contr.- Garlock Packing Co., mfr. - Acceptance recommended.

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<u>Test No.</u>	<u>Nov.</u>	
B-1974 JGO	17	Packing, braided asb. rod - Order 542345- Fairbanks Morse & Co., contr.- Garlock Packing Co., mfr. - No recommendations.
B-1975 JGO	21	Packing, rubber sheet, wire inserted, for BB58 & BB60- Order 30641- 32 NOD-1098- Griscom-Russell Co., contr. - Garlock Packing Co., mfr. - Acceptance recommended.
B-1976 JGO	21	Griscom-Russell Co.- Order G-30643-1- Compressed asb. sheet pack- ing- Durable Mfg. Co. - Acceptance recommended.
B-1978 JGO	21	Cont. M156s-15368, R-6000-1963- Univas 54 oil- Std. Oil Co. of N.J., contr. - Acceptance recommended.
B-1980 JGO	30	Ordinance Bearing Compound, Reqn. 1/40, Call 16608 - Rejection recommended.
B-1981 JGO	21	Order 160-1807- Flax packing for DD431-432- Federal SB&DD Co., contr.- Garlock Packing Co., mfr.- Acceptance recommended.
B-1982 JGO	28	Packing, cloth inserted rubber sheet for SS172- Order 89162 - Harrison Radiator Div., GMC- Garlock Packing Co., mfr. - Acceptance recommended.
B-1983 JGO	30	R-131, Cont. N261s-56062- Gun slushing bearing compd. for NYd., Puget Sound- Fiske Bros. Refin. Co., mfr.- Acceptance recommended.
B-1984 JGO	22	Insulation, amosite asb. felt for DD423-424-429-430- Orders 1031- 39-50 & 1031-39-51- Bath Iron Wks., contr.- Union Asb. & Rubber Co., mfr. - Acceptance recommended.
B-1985 JGO	22	Fuel oil, analysis of - For U.S.N.A. Green House - No recommendations.
B-1987 JGO	24	Lub. oil, sample of Honolulu roller oil, standard oil product from Treasury Dept., U.S. Mint Service, San Francisco- No recommendations.
B-1988 JGO	28	Packing, braided asb. valve stem- Order 408- Garlock Packing Co., contr. & mfr.- For BB58-60- Acceptance recommended.
B-1989 JGO	28	Packing, braided asb. rod- Order 15211-A- Northern Pump Co., contr.- Garlock Packing Co., mfr.- For SS201-202-203- No recommendations.
B-1991 JGO	29	Packing, cloth inserted rubber sheet- Order 90022- Gen'l Electric Co., contr.- Garlock Pack. Co., mfr.- Acceptance recommended.
B-1992 JGO	29	Packing, asb. valve stem for AK-55, 56- Order 30653-60- Griscom- Russell Co., contr.- Garlock Pack. Co., mfr.- No recommendations.
B-1993 JGO	28	Reqn. 2/NSA-2406-L - Lime for Deferriation Plant - No recommendations.

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Test No.	Nov.	
B-1994 JGO	30	Cont. Mod-1020-1180-1267- Plant fibre sheet packing for various HYds.- Vollumoid Co., mfr.- Fairbanks, Morse & Co., contr. - Acceptance recommended.
B-1995 JGO	28	Packing, asbestos rope - Order C-25355- Southern Asbestos Co., mfr. - Acceptance recommended.
B-1999 JCS	28	Order 422-25- Camdon Forge Co. Forging 8537- Line Shaft (port) for New York Shipbldg. Corp. - Acceptance recommended.
B-2003 JGO	28	Fuel oil, analysis of - Sample of fuel oil from High Power Radio Station - No recommendations.
B-2004 JGO	29	Hydraulic Oils, Analysis of - No recommendations.

