

SUT 00011248

Encl. 1

U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

NP16/A9-4/L5 (Q)

25 SEP 1940

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

Inclosure: (A) Summary of Reports Submitted.
(B) List of Tests Incomplete.
(C) Addenda to Alphabetical Index of
Tests Dated 31 October 1934.
(D) List of Tests reported during Month
Ending 31 August 1940.

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

A. T. Church

CRMC-M&S-003817

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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 July 1940	165
Tests assigned	97
Tests reopened	0
Tests cancelled	0
Tests closed out	67
Tests transferred from Other Tests	1
Tests remaining open	196
 Reports submitted	 157
Supplementary reports submitted	67
Total reports submitted	244

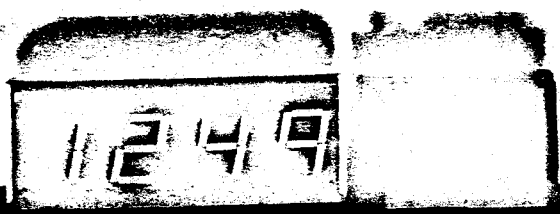
Other Tests

Tests brought forward from July 1940	429	
Tests assigned	42	
Tests reopened	1	
Tests cancelled	1	
Tests transferred to Inspection Tests	1	
Tests completed	22	445
 Tests incomplete (listed in inclosure B)	 438	
Tests complete but held open awaiting financial adjustment (listed in inclosure B)	3	
Tests assigned and completed during month and listed in inclosure B for record purposes	4	445
 Reports submitted	 22	
Reports submitted on tests completed but held open awaiting financial adjustment	3	
Reports submitted on tests assigned and completed during month	1	
Supplementary reports submitted	25	
Total reports submitted	51	

Summary

Inspection reports submitted this month	244
Other " " " "	51
Total " " " "	295
" " " " fiscal year prior to this month..	253
" " " " Fiscal Year	540

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



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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending 31 August 1940

Serial number and priority.	Amount of deposit by exhibitor, if any.	Date & No. of letter authorizing test.	Name of article or material tested. Name of firm submitting same.	Remarks on status and per cent of completion. Probable date of report of test	Initial of Test Officer
B-3073 B	-- LD287/S51(7-24-Ds)	8-20-26	Engine, LB Diosol motor launch #1095- Pinion red. gear, external (Syn. 7956)- Failure of.	Underway 10%	WCS
B-3074 B	-- LD287/S51(7-24-Ds)	8-20-26	Valve, steam, to fire room steam smothering sys.- USS NORTHAMPTON.	Matl. recd. Underway.	WCS
B-3075 B	-- DD287/S51(7-24-Ds)	8-20-26	Tubes, boiler- from USS NORTHAMPTON & GRIDLEY.	Matl. recd. Underway.	WCS
B-3077 A	-- S47 (8-8-DYs)	8-21-40	Pump, centrif. close coupled motor driven- Frederick Iron & Steel Co., exhib.	Arrangements underway.	JBL
B-3084 B	-- DD287/S51(7-24-Ds)	8-20-26	Tubes, boiler, failed- USS SAMPSON.	Underway 10%	WCS
B-3085 B	-- DD287/S51(7-24-Ds)	8-20-26	Tubes, boiler, failed- USS TEXAS	Underway 10%	WCS
B-3086 B	-- S39-2 (SS)	8-21-40	Insul., lagging, heat transf. factor- Galv. steel, fibrous glass & asbestos coverings.	Underway.	JGO
B-3092 B	-- JJ14/L5 (8-1-Ds)	8-6-35	Oil, brake magnet- Samp. from Federal Works Agency, Wash., DC	Matl. not recd.	JGO
B-3093 A	-- SS/S48-24 (DYs)	8-26-40	Valve, red., air dome loaded Type 36H4-Foster Eng. Co.	Arrangements underway.	JBL
B-3094 A	-- L5/NP16 (11-14-Ds)	11-25-24	Pump, omorg. food, 11"x8"x16" Conts. 68770 & 73366- N.Y. SB Corp.-Ords. 423-24, 424-24, 425-10 & 426-10- M.T. Davidson Co.	Arrangements underway.	JBL

TESTS COMPLETED AND REPORTS SUBMITTED

8053 9134 9200 B-615 B-1949 B-2018 B-2507 B-2566 B-2615 B-2631 B-2624
B-2630 B-2852 B-2853 B-2854 B-2857 B-2861 B-2867 B-2869 B-2871 B-2863
B-2901

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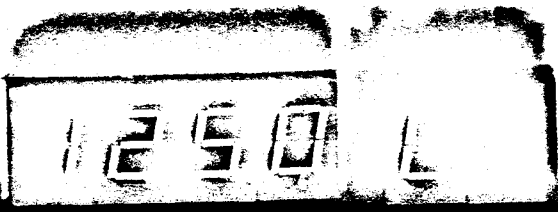
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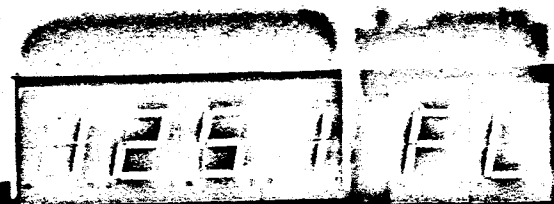
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DOCUMENT REQUEST FORM		INITIALS	DATE
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ACCESSION NUMBER	BOX NUMBER	SEGMENT NUMBER	NUMBER OF PAGES
19-62A2160 Box ³ / ₁₅	DC000681	58	4
DESCRIPTION			
U.S. Naval Engineering Experiment Station- Monthly report of tests August 1940. File # NP16/L5			

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending 31 August 1940

B-2971 B	-- S48-23 (SS)	7-30-40	Compd., joint & thread, high temp.- I.H. Granooll	Arrangements underway.	JGO
B-2973 B	-- S41-3 (6-28-SS)	7-30-40	Engines, Diesel- Fuel in- jec. sys. for- Eismann Magneto Corp.	30% compl.	WFJ
B-2974 B	-- JJ14/L5 (7-1-DS)	8-6-35	Oil, ring free McKillan- Veterans Admin., Wood, Wis.	Compl. & Rep.	JGO
B-2987 B	\$ 200.00 QK1 (6-1-DS)	5-6-39	Motors, for- Calib. for trials Maritime Com. Hulls 53-58 & 110- NW S&L Co.	Continuing.	JBL
B-2988 A	-- JJ33(2) (7-11-SS)	7-25-40	Pack., asb. high pres. rod, perfected brand- U.S. Rub. Co.	Arrangements underway.	JGO
B-2989 B	-- L5/NF16 (11-14-SS)	11-25-24	Oil, lub., Diesel eng.-after purification- NYC, Wash.	Compl. & Rep.	JGO
B-2990 B	-- S19-1(7) (6-25-SS)	7-15-40	Paints, heat resisting, Thur- ma-Lox- The L.W. Kellogg Co.	Arrangements underway.	JGO
B-2991 B	-- S19-1(7) (7-17-SS)	7-92-40	Paint, heat resisting- Glidden Co.	Arrangements underway.	JGO
B-2992 A	-- Cont. NOs-73231 (SS)	8-1-40	Gages, pres., exper., case design- Manning, Maxwell & Moore, Inc.	Underway about 16 Sept.	JBL
B-2993 A	\$ 450.00 S47 (7-22-SS)	7-30-40	Pump, centrif., condensate Ingersoll-Rand Co., exhib.	90% 20 Sept.	JBL
B-2999 B	-- L5/NF16 (11-14-SS)	11-25-24	Oils, lub.-Samples from Architect of Capitol, Wash., DC	Not yet underway.	JGO
B-3008 B	-- L5/NF16 (11-14-SS)	11-25-24	Oil, soluble cutting-fron NAS, Pensacola, Fla- Anal. of	Underway.	JGO
B-3015 A	-- L5/NF16 (11-14-SS)	11-25-24	Compd., valve grind- Cont. H220s-168038- For Mfg. Co.	Compl. & Rep.	WCS
B-3018 B	-- JJ14 (7-24-SS)	8-1-40	Oil, lub., for Diesel eng.- Alox No. 157 additive for use in.	Start 10 Sept.	WFJ
B-3019 B	-- SS182/S42 (7-26-SS)	7-29-40	Shaft, rod, gear drive stub- broken driving plate-SKIFJACK	Underway 15%	WCS
B-3020 B	-- QF/SAC(2)(3)(7-12-SW) SS	8-10-40	Weld-small dia. hp & ht pipe for Naval serv.- Suit. test of Thorait process for.	Awaiting matl.	BR

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B-2930 A	-- Dispatch 112216	7-11-40	Pack., comp. asbes. sheet- Goodrich Superheat 2150- from NYC, Ingot Sound.	Underway.	JGO
B-2937 B	\$ 125.00 MC63-66/S55-5(T)-462	7-20-40	Meters, f.o.- Calib. for triala Maritime Com. Hulls 63-66- Ingalls SB Corp.	Continuing.	JBL
B-2938 B	-- DL287/S51(7-24-Ls)	8-20-26	Tube, boiler- Failure of- USS YONING .	Underway 20%	WCS
B-2939 B	-- AT23/S51(6-1-LH)(SS)	6-21-40	Tube, boiler, for USS K. L. L. (AT23)	Underway 20%	WCS
B-2940 B	-- CL42/S51(4-10-LH)(SS)	6-19-40	Tube, economizer- for boiler #8- SAV. K. L. H. (CL42)	Underway 20%	WCS
B-2941 A	-- JJ44T33 (6-18-SS)	7-9-40	Tubing, molyb. alloy steel- Globe Steel Co. to Both. Stl. Co. Ord. S404-414-E-1478	Underway 25%	WCS
B-2942 B	-- S39-1 (7-2-SS)	7-16-40	Insul., Ferro-therm- Proposed Arrangements test for corros-resist. underway. ✓	underway.	WCS
B-2943 C	-- JJ46-1(21) (6-18-SS)	7-23-40	Metals- 5-point deephard process for hardening working surfaces of machy. Foots Bros. Gear & Mach. Corp.	Arrangements underway.	WCS
B-2944 B	-- SS170/S51(5-15-SS)	7-13-40	Springs, valve- Failure of USS CACHALOT(SS170).	Underway 30%	WCS
B-2945 A	-- JJ46-1 (25)(SS)	7-22-40	Metals, Steel, molybdenum- vanadium-Both. Steel Co.	Matl. not rec'd. ✓ Fret. tests underway.	WCS
B-2946 B	-- S48-23 (5-14-SS)	7-20-40	Fittings, flared tube- Harker Appliance Co.	Arrangements underway. ✓	WCS
B-2947 B	-- DE287/S51(7-24-Ls)	8-20-26	Tube, boiler- Failure of USS ZANE.	Underway 25%	WCS
B-2953 A	-- JJ50 (7-5-SS)	7-25-40	Compd., Paste, Manganese Chemical Analysis of.	Samples not rec'd	JGO
B-2958 B	\$ 100.00 S43-2(7-16-SS)	7-24-40	Bearings, roller- Rollway Bearing Co., Inc.	Arrangements underway.	JBL
B-2964 A	-- JJ46-1 (1)(6-27-SS)	7-29-40	Metal, propeller, alloy- Haug-Nickel-Copper (Pure Mg)	Underway 15%	WCS
B-2967 A	-- DE287/S51(7-24-Ls)	8-20-26	Oils, lub., used- Samples from TAUTOG-Analysis of.	Underway.	JGO

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Item No.	Quantity	Date	Description	Status	Remarks
B-2856	--	6-27-40	Couplings, flex- Crocker- Wheeler Elec. Mfg. Co.	Arrangements underway.	JTL
A	JJ43 (4-22-SS)				
B-2859	--	6-26-28	Oil, lub., reclaimed, from Gilbert Proc.- Acro.	Underway.	JGO
E	JJ7-6/L5 (6-13-8)				
B-2862	\$ 100.00	5-6-39	Motors, f.o.- Calib. for trials Maritime Com. C-1 type Cargo Vcs. 67-71 - Federal SMILL Co. 172-176.	Motors not received.	JTL
B	QS1 (5-1-Ls)				
B-2864	--	7-6-40	Valve, relief, constant back pres.- Foster Engr. Co.	Arrangements underway.	JTL
B	S46-24(6-13-SS)				
B-2872	\$ 100.00	7-6-40	Gasoline, aircraft eng. fuel	Underway.	JGO
B	Aor-E-431-ETC, JJ7G1, QM(6263)		A-N Spec. 9530 & 9531 - Stand. Oil Co. of Ind.		
B-2873	\$ 50.00	7-6-40	Oil, gear, hydraulic, now std.	Underway.	JGO
A	S72-9(7)/JJ14(10)(E12-1)		Std. Oil Co. of Calif.		
B-2877	--	8-20-26	Motors, cond.- Calib. for trials DAHLGREN(12187)	Rep. & made. Continuing.	JTL
A	LL287/S51(7-24-Ls)				
B-2878	--	7-10-40	Noise isolator- Johns Manville Sales Corp.	Arrangements underway.	JTL
E	S40 (5-22-SS)				
B-2884	--	7-10-40	Oil, Diesel fuel-from storage tanks, Pearl Harbor	Matl. not recd.	JGO
B	JJ7-3/WB3 (SFO)				
B-2903	\$ 100.00	5-6-39	Motors, f.o.- Calib. for trials Maritime Com. Hulls 102-105-Both. Hulls 1481-84	Continuing.	JBL
B					
B-2912	--	4-27-40	Oil, lub., Std. Oil of N.U.	Underway.	WJF
B	SSL-3 (SS)		Essolube HD in Diesel eng.		
B-2915	--	7-15-40	Boar., Phonic type, for motorboat strut & stern tube & pump shaft boar. serv.- Richardson Co.	Arrangements underway.	JBL
C	S43-2 (7-2-SS)				
B-2918	--	7-1-40	Apparatus- Viscosimeter, Brookfield synchro-plot.	Matl. not recd.	JGO
B	S87(2)(6-7-SS)				
B-2926	--	6-22-40	Shafts, for blower service- Colmonoy overlay process	Arrangements underway.	(JBL) (BR)
A	JJ46-10 (6-15-SS)		Wall-Colmonoy Corp.		
B-2928	--	7-19-40	Glasses, gage- Reported unsatisfactory- CHESTER	Underway.	JGO
B	CA27/S87 (5-4-SS)				

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B-2806 A	--	6-25-40 S43-1 (5-26-SS)	Coupling, clutch, Type F10-150- "onway Clutch Co.	Arrangements underway.	JEL
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 E	--	6-24-40 JJ33(1)(6-6-SS)	Pack., compd., jt. sealing Luroloid-Northwest Proc. Co.	Matl. not recd.	JGO
B-2812 B	\$ 75.00	6-22-40 JJ32(6-13-SS)	Insul., Cement, Cl. B- Webors 48-Forty-Eight Insul., Inc.	Awaiting new samples	JGO
B-2813 B	--	6-21-40 S41-5 (SS)	Engine, Intern. combustion- Fiedler Injec. system for	Awaiting matl. Program prepared.	WFJ
B-2814 B	--	6-24-40 S55-2 (5-17-SS)	Filters - Diesel fuel oil	Test apparatus being designed.	WFJ
B-2819 B	--	4-27-40 SSL-3 (SS)	Oil, lub., Texas Co. "303" in Diesel engines.	Deferred for B-2840.	WFJ
B-2820 B	--	4-27-40 SSL-3 (SS)	Oils, lub., Sinclair "Gascon" in Diesel engines.	Aboyance.	WFJ
B-2821 C	--	6-27-40 JJ33 (1) (6-14-SS)	Compd., jt. sealing- Tito seal- Radiator Specialty Co.	Underway.	JGO
B-2822 B	--	6-27-40 JJ33 (6-20-SS)	Pack., storn tube, semi-met. Sym. 1405- Crane Pack. Co.	Matl. not recd.	JGO
B-2823 B	--	6-29-40 S62-2(G)(6-3-Sw)(SS)	Weld- Elec. cable stuff. boxes- Level. of procedure- Made of free mach. steel, Cl. A- N.E. Spec. 46S17.	50% completed.	PR
B-2829 E	--	6-27-40 S47 (6-4-SS)	Pump, Gerotor, f.o. serv. hand opor.-Gerotor Lay Co.	Arrangements underway.	JEL
B-2839 A	--	6-22-40 NOs-71435(6-10-Sw)	Weld. proc., Flash weld. alloy tubes- Qual. of- Cont. NOs-71435-RESTR.	Prel. report made	(WCS (CR
B-2840 A	--	6-20-40 JJ46-6 (SS)	Castings, alum. Anodized- Cl. 22.5- Corros-resist. of	Underway 60% ✓	WCS
B-2841 C	--	6-26-40 S41-3 (4-6-SS)	Eng. Diesel, Type LA- Isolators, Uniscrb vibration- Rotost of- Felters Co.	Awaiting matl.	WFJ
B-2855 E	--	8-17-40 N102-29360 (5-26-SS)	Gage, pres. differential- Crosby Str. Gage & Valve Co.	Arrangements underway.	JEL

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DOCUMENT REQUEST FORM			INITIALS	DATE
			WET	10/12
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U.S. Naval Engineering Experiment Station. Monthly report of tests - August 1940. File # NP16/L5.				

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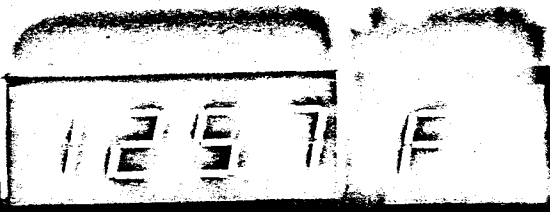


U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending 31 August 1940

D-2491 A	-- PO 240/40, L1-2/NP(3-28-F)	3-28-40	Compd., preservatives, thin film (Polar)-for machy. Dovel. spec. for- PO 240/40	Report & sub. Continuing.	JGO
D-2498 A	-- SS205/S47(3-15-SS)	3-29-40	Pump, centrif. water circulating-American Locomotive Co., Diesel Engine Div.	90% 28 Sept.	JEL
D-2528 E	\$ 100.00 Q51(5-1-L)	5-6-39	Meters, for Calib. for trials C-2 Diesel cargo vessels-Maritime Com. #22-25, Tampa #33-36-Tampa SI & Engr. Co.	Continuing.	JEL
D-2529 B	-- S48-10(4-1-SS)	4-6-40	Indicators, sight flow, for low pressure steam drains.	Arrangements underway.	JEL
D-2531 A	-- S41-6 (SS)	4-9-40	Clutch, free wheeling-Mercury Clutch Corp.	Matl. not recd. ✓	JEL
D-2532 B	-- QP/MC-4 (1)(4-2-SS)	4-9-40	Weld-Electr. Lincoln Electric 9HT C-40 3/16" & 1/4" dia. Cl. T- Qual. test of.	Test of resubm. matl. compl. 95%. ✓	ER
D-2540 A	-- S62-2/L5(12-18-SS)	4-10-40	Transformer, heat (HV unit) for stress-reliev. & heat treat. of welded pipe jts. Western Welder Corp.	Test compl. Report in prep.	ER
D-2541 A	-- Proj. Order 238/40	3-28-40	Feedwater, boiler-Inves. of problems.	Underway.	JGO
D-2543 B	\$ 140.00 S41-3/L5(12-26-SS)	4-9-40	Indicator, I.C.E.-Type approx. test-Trill Ind. Co.	Tested on 8/21/40 Cont. abeyance.	WJ
D-2544 E	-- JJ45 (2) (SS)	4-9-40	Valve, plug type, for gas-line serv.-Darrett Mach. Co.	Matl. not recd.	JEL
D-2552 A	-- S56-6 (6-4-Lh)	9-30-36	Feedwater, boiler, proposed-Analy. of- USS NIELACK.	Report & sub.	JGO
D-2574 E	-- JJ46-2 (SS)	4-22-40	Metals, Steel, in contact with Cu alloys- Effect of.	Underway 35% ✓	ECB
D-2584 A	-- S46-10 (Sw) (SS)	4-24-40	Joints, piping, welded-Dovel. procedure to test by magnetic powder meth.	80% completed. Await. add. matl. from NYd, New York ✓	ER
D-2604 A	-- PS/SH(2-15-De)	2-25-36	Oil, lub., for official trials, RHIND- Anal. of.	Matl. not recd.	JGO
D-2606 E	-- S39/L5 (12-29-SS)	4-24-40	Insul., Felt, woven glass-U.S. Asbestos Division, Kaybestos-Manhattan, Inc.	Matl. not recd. ✓	JGO

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
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Report of tests for month ending 31 August 1940

B-2378 B	-- QP/Welding(12-22-SS)	2-29-40	Weld-electrodes, Fuoswell #22-for Naval use in weld. cast iron- Suit.test of.	Matl. on hand. ✓	FR
B-2379 B	-- JJ33/L5(11-3-SS)	3-1-40	Seals, oil - various mfrs.	Arrangements underway.	JEL
B-2410 E	-- JJ51/L5 (1-25-SS)	3-8-40	Pack., Compd., joint & thread, high temp.- Glydo Brand- Cantlook Prod.Co.	Underway.	JGO
B-2411 B	-- JJ33/L5 (2-17-SS)	3-1-40	Pack., Cable & tuff. tube Part A- Crane Packing Co.	Underway.	JGO
E-2439 B	-- S43-2/L5 (2-2-SS)	3-2-40	Bearings, strut & stern synthetic rubber strips for- Lucian Q. Moffitt, Inc.	Underway.	JEL
B-2440 B	-- QP/Welding/L5(2-24-DW)SS	3-12-40	Weld, spot, CRS Gr.1 stool- Proc. appr. test- Combustion Engineering Co., Inc.	Prol. test compl. ✓ Await. add. matl.	(WCS) (ER)
B-2445 B	-- QP/Welding/L5(2-20-DW)SS	3-19-40	Weld- Proc. appr. test of joints, superheater tubes- Foster-Wheeler Corp.	Report being printed.	(WCS) (ER)
B-2448 A	-- S43-1/L5 (2-17-ME)	3-4-40	Shafts, propeller- Avail. for surface inspection.	Rep. on Phila. NYd. made. Continuing.	WCS
B-2452 B	-- JJ33/L5 (1-11-SS)	1-16-40	Packing, steering gear, Telomotor Rams & Valves- Various manufacturers.	Construction of Apparatus underway.	JGO
B-2453 A	-- S48-10 (3-12-SS)	3-15-40	Insul., pipe clamp, for main str. piping- J.M. MARINITE Johns Manville Corp.	Underway. Report in prep.	JGO
B-2467 E	-- JJ14/L5 (2-6-SS)	3-25-40	Compds., metal condition- ing- R.H. Hollingshead Corp.	Underway.	JGO
B-2473 B	\$ 150.00 JJ45-(2) (SS)	3-15-40	Valves, Lever-Seald- Gasoline service - Homestead Valve Mfg. Co.	Matl. not recd.	JEL
B-2476 A	-- DD287/S51(7-24-Ds)	8-20-26	Meters, f.o.- Calib. for trials USS EMERSON Beth. Steel Co., SE Div., Mass.	Continuing.	JEL
B-2488 I	\$ 300.00 S47/L5 (9-14-SS)	3-28-40	Pump, rotary fuel & lub. oil, Cl. N3, N2, O2 services- Quincy Pump Co., exhib.	Matl. not recd.	JEL
B-2490 B	\$ 100.00 S43-2/L5(2-20-SS)	3-27-40	Bearings, roller- roller Bearing Co. of America.	Matl. not recd. ✓	JEL

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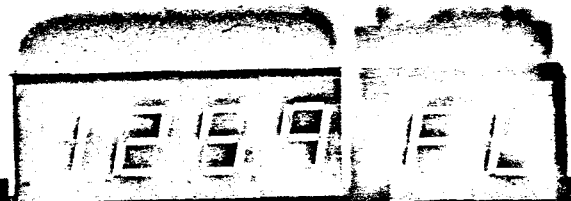
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DOCUMENT REQUEST FORM			INITIALS	DATE
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19-62A2160 Box 3/15	DC000681	60	14	
DESCRIPTION U.S. Naval Engineering Experiment Station -- Monthly report of tests - Aug. 1940. File # NP16/L5.				

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

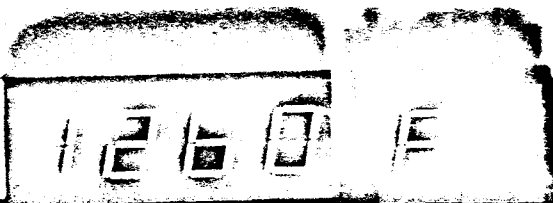
Report of tests for month ending 31 August 1940

B-1693 A	-- JJ14/L5 (C-11-Ls)	8-12-30	Compd., rust prev.- Polar as substitute for Navy type- Investigation of.	Report L sub. Continuing.	JCO
B-1694 A	-- NP16/HC (7-27-Ls)	8-10-39	Cylinders, concrete - Annapolis Housing Auth.	Underway. Extended invos.	WCS
B-1695 B	-- QP/Welding/L5(7-27-Ls)	8-14-39	Weld.electr.-KOP-R-ARC shielded arc,copper- Suit. test- Krobs & Co.,exhib.	50% completed. ✓	BA
B-1707 B	-- A13-3(11-1-Ls)	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 (6-8-Ls)	8-19-39	Pack., plas.non-metallic- with asbes.& wire jackets- Johns Manville Corp.	Underway. Partial rep.sub.	JGO
B-1737 B	-- JJ33/L5(8-10-Ls)	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-Ls)	8-21-39	Pack., asbes.high pres.red- Stylo 8219- Garlock Pk.Co.	Underway. Partial rep.sub.	JGO
B-1739 B	-- S47/L5 (6-30-Ls)	8-30-39	Valve, Governor, pump- Grovo Regulator Co.	Report A made. Retest of modified governor underway.	JEL
B-1768 A	-- JJ46-1/L5 (9-5-Ls)	9-12-39	Metals, steel, 12-C Cr-Ni with Mg-Lebanon Stl.Fdy.	Underway. 40% ✓	WCS
B-1770 B	-- QP/Plating/L5(8-11-Ls)	8-22-39	Metals- Corronizing- Corros-resist.process- Std.Steel Spring Co.	Report being printed. ✓	WCS
B-1788 A	-- Oral, Buong	8-10-39	Cyl.heads, cast alum.-Suit. of- Winton 201A Diesel eng, cracked, 1563 hrs.	Test completed. Head	WFI
B-1789 B	-- S55(9-2-Ls)	9-6-39	Indicator, dissolv.oxygen- Serv.test of-MLL, Wash., D.C.	Not yet underway. ✓	JGO
B-1808 B	-- S48-23/L5(7-24-Ls)	9-15-39	Valves, plug- hood Roller Bit Co., exhib.	Underway.	JBL
B-1810 B	-- JJ46/L5(8-16-Ls)	8-22-39	Shafts, chromium plated, f.d.blows- West, EXX Co.	Underway.	JBL
B-1813 B	-- S50-1/L5 (9-1-Ls)	9-21-39	Valve, regulator, refriger. The Fulton Sylphen Co.	Underway.	JBL
B-1891 B	-- C-BB43/S51(8-23-Yel)	10-5-39	Header, defec., #5 boiler- Exam.of- TENNESSEE (BB43).	Underway 50%.	WCS

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B-1517 B	-- S4C-23 (5-5-Ds)	6-27-39	Valves, boiler blow-off L.J. Bordo Co., Inc.	Matl. not recd.	JBL
B-1524 A	-- S41-5 (6-27-Lq)	6-20-39	Liners, cyl., chromium- plated, Diesel engine- Van der Horst Process.	3077 hrs. on 5474 engine. ✓	WJ
B-1532 A	-- JJ7-6/L5 (6-13-S)	6-26-20	Fuel, safety-from Phillips Petr. Co., sub. by Bu. Aero.	Not yet underway.	JGO
B-1542 B	-- JJ46-6/L5 (3-15-Ds)	6-24-39	Alloy, alum. cast. Nat'l Bronze & Alum. Fdry. Co.	Prelim. rep. made. Continuing. ✓	WCS
B-1550 B	-- S-6046 (S) AB	6-21-39	Compl., rust prov., type C- Approval tests- The Far- rar Indus. Products Co.	Matl. not recd.	JGO
B-1556 A	-- JJ46/L5 (6-15-Ds)	7-10-39	Alloy, silver brazing, Easy- Flo #3- Handy & Harman.	Prelim. rep. made. Continuing. ✓	WCS
B-1576 B	-- S40-24/L5 (6-30-Ds)	7-11-30	Valves, plug, for boiler blow-off & feedwater service- Barrett Mach. Co.	Underway. ✓	JBL
B-1581 A	-- Eng. CONFIDENTIAL Oral	7-17-30	Confidential - I.C.E. Lab. #1-40.	Awaiting matls. ✓	WJ
B-1583 B	-- JJ14/L5 (7-8-Ds)	7-14-39	Oil, lub., SUPER-SOLV Lub. Ad & Top Oil "L", sub. by Portable Plating & Equip- ment Co.	3 CFR eng. tests 272 hrs.; 1 EE eng. test 265 hrs. Work Factor compl.	WJ
B-1604 B	-- JJ7-6/L5 (6-13-S)	6-26-20	Fuel, avia. (alcohol-water- gasoline)-Belgian- Gross & not BTU values- Bu. Aero.	Not yet underway.	JGO
B-1666 B	75.00 JJ32/L5 (7-31-Ds)	8-5-39	Insul., block, Engel Super- temp- Engle-Picher Sales Co.	Report & sub.	JGO
B-1673 B	-- JJ46/L5 (7-27-Ds)	8-3-39	Alloy, Cu-Ni (70-30) International Nickel Co.	Underway 10%. ✓	WCS
B-1682 A	-- S46-5/L5 (7-17-Ds)	8-19-39	Tubing, flamed, used in heat trans. apparatus- Deter. optimum design for.	Extended invos. 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.	Lt. rep. & compl. Supl. Rep. S-1 compl. #4 piston 4107 hrs. on 5474 eng. #7 piston 994 hrs. on 4649 engine. #8 piston 263 hrs.	WJ

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B-1342 A	-- S41-3/SC2(4-20-Lq)	4-22-39	Cyl.head, Lanova 1-lobe- Test with & without super- charging & determ. most suit. type supercharger for ED powerboat Diesels.	End. test 69% compl. 697 hrs.	✓ NFJ
B-1343 A	-- S41-3/SC2(4-20-7q)	4-22-39	Cyl.head, Lanova 1-lobe- Test with & without super- charg. & determ. most suit. type supercharger for EA powerboat Diesel engines.	Cold start. tests compl. - Reliability test 34% compl., 330 hrs. Prelim. rep. submitted.	✓ NFJ
B-1345 B	-- S39/L5 (5-2-1s)	5-5-39	Insul., glass fiber felt- Union Asbes. & Rubber Co.	Report in prop.	JGO
B-1304 B	-- JJ33/L5(5-3-1s)	5-10-39	Pack., plas. met. coil form met. foil jacket- Valvease.	Disct'd- How samples to be sub.	JGO
B-1307 C	-- QS13 (5-9-1s)	5-10-39	Filters, oil- Anal. of samp. oil from U.S. Coast Guard.	Report 8 sub. Continuing.	JGO
B-1308 B	-- JJ33/L5(5-11-1s)	5-17-39	Pack., plas. metal., coil form, metal. foil jacket, Sea-Ro Armored Nck Seal Style 501- Sea-Ro Pk. Co.	Underway. Partial rep. sub.	JGO
B-1411 B	-- JJ7-6/L5 (6-13-8)	6-26-39	Oil, lub., Volvol-Samp. from USS SAMATOGA- Analysis of.	Underway.	JGO
B-1415 B	-- S19/L5 (5-3-1s)	5-25-39	Coating, protoc., Condenser tubes- Phelps Dodge Prod.	Underway 10%.	WCS
B-1471 B	-- S40-23/L5(5-19-1s)	6-13-39	Traps, steam, impulse type- with integral strainer- Yarnall-Waring Co.	100%. Report in prop.	JEL
B-1477 B	-- S40-23/L5(3-17-1s)	6-7-39	Valves, plug. for fo, feed- water & steam services- Kuehler-Huhn Co., Inc.	Extended service test underway.	JEL
B-1494 B	-- S39/L5 (5-1-1s)	5-23-39	Insul. block, molded asbes. UNIBESTOS-Union Asbestos & Rubber Co.	Underway. Partial rep. sub.	JGO
B-1496 B	-- JJ33/L5(5-22-1s)	5-26-39	Pack., valve stem, square braided- The Carcoid Co.	Underway.	JGO
B-1500 B	-- JJ41/L5 (6-2-1s)	6-13-39	Tool, silver brazing, for Cu & Cu-Ni alloy tubes.	Underway 60%.	WCS
B-1506 B	125.00 JJ33/L5(6-12-1s)	6-21-39	Pack., asb. high pres. rod- Asbes. Fibre Spinning Co.	Underway. Partial rep. sub.	JGO

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B-1161 A	Reopened JJ14/L5	5-27-39 (4-10-Us)	Oil, lub., used, from #2 & #3 units- USS ASTORIA.	Report F sub. Continuing.	JGO
B-1200 B	-- S53-1/L5	3-16-39 (3-3-Us)	Bearings, ball, double-shielded type, in elec. motor- Reliance E&E Co.	Retest underway.	JTL
B-1225 B	-- QP/Welding/L5(2-23-Us)	4-5-39	Welding of carbon and C-Mn steels.	Matl. recd. ✓	ER
B-1227 B	-- QP/Welding/L5(3-3-Us)	4-5-39	Weld- Std. qual. test for welding operators- Improvement of bonding jig.	Bending jig compl. Prop. of samples underway.	WCS
B-1251 A	-- JJ6-5/L5	6-26-37 (6-13-S)	Oil- Fluids, hydraulic- Analysis of- Du. Merc.	Report B sub.	JGO
B-1264 J	-- JJ46/L5(3-28-Us)	4-13-39	Tube, condenser- Chase Brass & Copper Co.	Report being printed.	WCS
B-1265 A	-- JJ46/L5(4-13-Us)	4-17-39	Metals- Steel, carb-molyb. Effect of time & temp. on residual stresses in.	Report in prep.	WCS
B-1267 B	-- JJ43/L5	4-20-39 (4-19-Us)	Bolts, threaded- Loter. of strength of- NLS 43B11.	Report in prep. ✓	WCS
B-1264 B	-- S41-3/S32/L5(4-22-Us)	4-24-39	Engine mountings, Goodrich Lubr. Co.- Suit. test.	95% compl. Await, use ong. to complete. ✓	WFS
B-1280 B	-- DD207/S51(7-24-Us)	8-20-26	Tube ends from main boilers- USS CUYAMA.	Underway 40%.	WCS
B-1304 A	-- L5/EP16	11-25-24 (11-14-Us)	Tubes, piston cooling- Cause of failure of BOR S/K Engine.	Report sub. to Metals Lab. for review.	WFS
B-1329 B	-- S39/L5	3-28-39 (3-6-Us)	Insul., pipe cov. #60 & #140 Fiberglas- Owens-Corning Fiberglas Corp.	Underway.	JGO
B-1335 B	\$ 165.00 JJ32/L5	4-8-39 (4-3-Us)	Insul., block & cement- E.H. Lotrick Co.	Underway.	JGO
B-1336 B	-- JJ46-1/L5	5-6-39 (4-28-Us)	Metals- Relaxation prop. of alloy steel bolt matl. now in commercial use.	Rep. made. Cont'g. ✓ Add. test units under construction.	WCS
B-1339 B	\$ 90.00 S39/L5	4-25-39 (4-7-Us)	Insul., block, high temp. Baldwin-Hill Co.	Underway.	JGO
B-1340 B	\$ 75.00 S39/L5	4-10-39 (3-24-Us)	Insul., cement, Enduro - Ehret Magnesia -fg. Co.	New samples to be submitted.	JGO

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B-996 B	-- QP/Welding/L5(12-20-Ls)	1-16-39	Weld- Qual. tests of GE Co. Report submitted. W52 & W54 electrodes for- Cl. A&B C-Mo electrodes.	✓	JR
B-999 B	-- JJ33/L5 (10-17-Ls)	1-11-39	Packing, flex. metallic- Twistallic- E.I. Thompson.	Underway.	JGO
B-1016 B	-- S39/L5 (4-19-Ls)	4-23-38	Insul., Blanket, turbine- Fiberglas Brand- Owens- Corning Fiberglas Corp.	New samples of cloth to be submitted.	JGO
B-1017 B	-- L5/NP16 (11-14-Ls)	11-25-24	Tubes, boiler- Condition of- USS TULSA.	Underway 70%.	WCS
B-1063 B	-- JJ33/L5 (6-20-Ls)	7-5-38	Pack., flex. mat.- Garlock Styles 5317 & 5342 - Garlock Packing Co.	Underway.	JGO
B-1075 B	-- JJ45-1/L5(12-1-Ls)	1-23-39	Metals, bolt matl.- Puong Spec. 43B14(HT), 12/1/36- Inter. Nickel Co., Inc.	Matl. not recd.	WCS
B-1089 B	-- S41-3/SC2(7-22-Yo)	8-2-38	Engine, Diesel powerboat, Norfolk type- Serv. test of rubber mounting.	Test compl. Report 50% ✓	WFI
B-1095 B	-- L22C7/S51(7-24-Ls)	8-20-26	Tubes, from #13 boiler U.S.S. SALTWATER.	Underway 65%.	WCS
B-1126 B	-- A5-7/L (10-28-Yh)	11-30-38	Tube, boiler, failed- USS LAWSON- Examination of.	Underway 70%.	WCS
B-1144 B	85.00 S87(L)/L5(1-10-Ls)	3-3-39	Thermom. dist. read. dial- Thomas A. Edison, Inc.	Prelim. report sub.	JBL
B-1146 B	-- JJ33/L5(11-19-Ls)	12-13-37	Pack., comp. asbes. shoot- with neoprene binders- sub. by various mfrs.	Report & sub. Continuing. ✓	JGO
B-1156 B	-- JJ14/L5 (9-3-Ls)	2-20-39	Compd., anti-seize, ORMA brand- E.L. Crandall.	Underway.	JGO
B-1158 A	-- S56-5 (3-7-Ls)	3-9-39	Feedwater, boiler- Design of appar. for dissolved oxygen determination.	Report & sub. Continuing.	JGO
B-1169 B	-- JJ33/L5(3-6-Ls)	3-11-39	Pack., gaskets, boiler & pipe flange- SPINOLLEIC Johns Manville Co.	New samples to be submitted.	JGO
B-1180 B	-- S43-2/L5 (2-16-Ls)	3-13-39	Bearing strips, RYEMTEX- phenolic type- Joseph T. Myerson & Son, Inc.	Test underway.	JEL

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B-715 A	-- S46-5/L5 (10-11-Ls)	10-12-38	Joints, rolled & expanded, tube- Cond. & heat exchgr. for Nav. vcs.- Technique for.	Report & sub. Continuing.	WCS
B-748 B	-- JJ46-1 (10-10-Ls)	10-13-38	Metals- Low alloy corros- resist. steel- Inves. for possible usefulness for boilers & oth. pros. vessels.	Weld. test compl. test underway.	(WCS (BR
B-791 B	-- QP/Welding/L5 (10-20-Ls)	11-4-38	Weld- Qual. test of Wilson Alloyrod A&E Carb-molybdenum welding electrodes.	Report submitted.	BR
B-808 B	-- Acr-E-431-1N, JJ14G1	11-10-38	Oils, lub.- Army-Navy work factor test of.	No samples recd.	JGO
B-817 B	-- C-CL8/S51 (1-5-Ls)	11-12-38	Boiler #11- Metallurg. test of steam drum- USS DETROIT.	Report in prep.	WCS
B-860 B	-- S92/L5 (8-15-Ls)	11-22-38	Joints- Inves. of avail. means of silver brazing in restricted locations.	Report in printing.	BR
B-872 A	-- S41-5 (11-29-Ls)	12-7-38	Water- Treat. of in closed cooling sys. with chromates.	Underway.	JGO
B-886 B	-- JJ33/L5 (10-12-Ls)	10-14-38	Pack., cond. tube, copper foil- Various mfrs.	Report in prep.	JGO
B-908 B	\$ 400.00 S47/L5 (11-15-Ls)	12-16-38	Pump, rotary gear, for LI & Ni- Schutte & Koerting.	Exhibitor making modifications.	JDL
B-934 B	\$ 125.00 S39/L5 (12-21-Ls)	12-27-38	Insul., Super Unibestos- Union Asbos. & Rubber Co.	Underway.	JGO
B-958 B	-- S45-3/L5 (11-25-Ls)	12-7-38	Purifiers, oil, for Diesel eng. lub. oils- Determine effect & suitability of Youngstown-Miller Co.	Prelim. rep. 2/6/40 Rep. B 4/12/40. Final Rep. C 100% compl.	WFJ
B-967 B	-- JJ46/L5 (8-12-Ls)	1-5-39	Metal- Ni-Al-Bronze Chase Brass & Copper Co.	Underway 85%.	WCS
B-969 B	-- QP/Welding (12-7-Ls)	12-28-38	Weld- Carb-molyb. Steel- steam pipe- Proc. appr. test Boilers- NYIs, Phila., N.Y., Norfolk, Pug. Id. & Mare Isl.	Retest of samp. from NYI, Norfolk underway 35%.	(WCS (BR
B-979 A&B	-- S46-24/L5 (11-30-Ls)	1-9-39	Valves, 2" weld-end, high temp.- Crane socket weld-end valves with chromium plates, stems and discs.	Weld. test rep'd Rep. on 3" valves in prep.	(WCS (BR

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B-485 B	-- S4G-23(R)/L5(6-21-Ds)	7-15-38	Valves, pres. reducing- Atlas Valve Co.	100% Report in prop.	JEL
B-490 B	-- QP/Welding/L5(6-29-Ds)	7-19-38	Weld. electrodes, Ebas-Br. Test of Ebas Process- Eccles & Davies Machy. Co.	50% completed. Recommended for cancellation. ✓	BR
B-494 B	-- JJ33P5 (1-17-Ds)	1-20-38	Insul., pipe covering- Rockwool- NLS 325c of 12/1/37 - Revision of.	Test underway.	JGO
B-504 E	\$ 50.00 JJ43/L5 (7-15-Ds)	7-30-38	Nut, self-locking- Boots Aircraft Nut, exhib.	Report in prop.	JEL
B-555 A	Reopened JJ43/L5 (8-11-Ds)	2-1-39	Stress indicating devices- Bolts.	Report F made. Continuing. ✓	WCS
B-560 B	-- L5/NP16 (11-14-Ds)	11-25-24	Linor, cyl.- HELENA- Cont. NOS-55097- F. Morse - Co.	Report in prop.	WCS
B-562 B	-- S19/L5 (6-2-Ds)	8-16-38	Coatings, NO-OX-IL-IZED- reinforced fabric wrapper- Corros-prov. covering for propel. shafts-Loarborn Chem. Co.	Underway 60%. ✓	WCS
B-585 B	\$ 250.00 Reopened-S43-2/L5(5-12-Ds)	6-22-39	Ball Bearings - Bearings Co. of America.	Natl. not recd.	JEL
B-591 A	-- Bueng.	Oral	Engine, 2-cyle commercial Diesel-Devel. for use as 150-hp powerboat engine.	Eng. 671701, 500 hrs. on reliability test, plus 100 hrs. with Texas 303 oil. ✓	WFJ
B-592 B	\$ 250.00 S4C-24(R)/L5(8-16-Ds)	8-29-38	Valves, red., Cl. "ca" and "d"- Atlas Valve Co.	Exhibitor making changes.	JEL
B-604 B	-- NP16 (7-21-Ds)	8-6-38	Metals- Rate growth of ratls. when subjected to high temp. steam.	Underway 40%. Add. samp. recd.- Tests in steam underway.	WCS
B-689 B	-- S4G-24(R)/L5 (7-15-Ds)	9-30-38	Valves, reducing - Klipfel Mfg. Co.	High pressure valves not recd.	JEL
B-704 B	-- QP/Welding/L5(9-14-Ds)	10-5-38	Weld-1/8" dia. /criswold Ebas-Br. electrodes and retest of, in 5/32" dia. size- Lincoln Elec. Co.	Test completed. Report in prop. ✓	BR
B-708 A	-- SS/341 (9-21-Ds)	9-28-38	Engines, 2-cyclo, double acting Diesel- Inves. to determine means of re- storing excessively worn cylinder liners of.	Thermit meth. compl. ✓ Colmaney arc. weld. inves. underway. await. auth. for flame harden. of lining deposited by arc weld.	Ph

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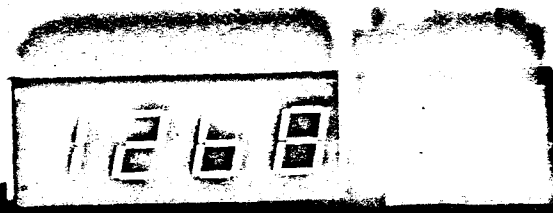
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B-298 B	-- JJ46-1/L5(4-13-Ds)	5-13-36	Metals- Creep test of ferrous- Tinkon Co.	Underway 65%. Weld. test underway.	JCS
B-300 B	-- S43-2/L5 (4-3-Ds)	5-16-36	Bearing matl.- The Amer. Brake Shoe & Foundry Co.	Continuing. ✓	JBL
B-343 B	-- JJ33/L5 (5-3-Ds)	5-25-36	Pack., semi-metallic, Syn. 1400-Union Asb. & Rubr. Co.	Underway. Partial rep. sub.	JGO
B-375 B	-- Roqn. EN6/2/79601	5-4-36	Evaporators, Kleinschmidt vapor compression type distilling plant.	Exhib. making changes in compressor.	JUL
B-386 B	\$ 200.00 S41-3/SC2/L5(5-16-Ds)	6-6-36	Couplings, flex.- Thomas Flexible Coupling Co.	Lab. test completed. Arranging serv. test.	JBL
B-398 A	-- S39/L5 (12-16-Ds)	12-27-37	Insul., cement, water-proof coat.- INSULKOTE & EAGLE IN- SULSEAL- J. Hanville Sales Corp. & Eagle Richer Co.	Report in prep.	JGO
B-399 B	-- QP/welding/L5(6-7-Ds)	6-24-36	Welding-Elbow fittings- Suit. test of - Taylor Forge & Pipe Works.	Test underway. Await. add. matl. ✓	BR
B-401 B	-- QP/welding/L5(6-9-Ds)	6-27-36	Weld- Columbian boar. 4-6% Cr-Mn Steel (0.50% C).	Matl. on hand. ✓	BR
B-402 B	-- JJ33/L5(4-15-Ds)	6-16-36	Pack., gaskets, spiral wd. metal. asbos- Asor Corp.	Underway.	JGO
B-403 B	-- DD415-20/S46(6-10-Ds)	6-21-36	Radiators, steam heating- sub. by Navy Yard, Boston	Underway as oppor- tunity permits. ✓	JBL
B-432 B	-- S40-24(R)/L5(6-17-Ds)	6-26-36	Valves, reduce.- O.C. Kook- loy Co., Inc., exhib.	Exhib. making changes.	JUL
B-454 B	-- JJ33/L5(5-24-Ds)	5-31-36	Pack., high pres. rod, Style #46-Kearsby & Mattison Co.	Underway. Partial rep. sub.	JGO
B-457 A	-- S48-23/L5 (3-1-Ds)	6-17-36	Compds. sealing, turbine casing, sub. by var. mfrs.	Report J sub. Continuing. ✓	JGO
B-456 A	-- S40-23/L5 (3-1-Ds)	6-17-36	Compds. sealing, thread joints, sub. by var. mfrs.	Report I sub. Continuing. ✓	JGO
B-463 B	-- JJ33/L5 (6-7-Ds)	6-22-39	Pack., plas. non-graphitic, with braid. asbos. jacket- The Allpax Co., Inc.	Underway.	JGO
B-466 B	Reopened S39/L5(1-30-Ds)	2-4-39	Insulation, Rockwool, in- proved TUCOWUL- Tuco Co.	Underway.	JGO

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B-42 B	-- JJ/3 solder(2-23-Ds)	2-25-38	Solder, silver, medium temp. (Cadmium silver).	Underway 50% ✓	WCS
B-61 E	-- SS182-4/341(1-21-Do)	1-29-36	Noise olin.-Subm. main propul. plants- Sd. Anal.	Report C sub. Continuing.	JEL
B-64 B	-- S39/L5 (2-14-Ds)	2-21-38	Insul., Rockwool blanket, pipe covering No. 100- Baldwin-Hill Company.	Underway.	JGO
B-106 B	-- JJ7-3/L5(12-3-Ds)	3-15-38	Pumps, f.o.- Effect of low viscosity on capacity.	Underway as oppor. permits. ✓	JEL
B-146 B	-- QP/Welding/L5(3-31-Ds)	4-2-36	Weld- Effect of arc length on properties of Ni-Cu alloy and pure nickel.	Completed. Report in writing. ✓	BR
B-161 B	-- JJ33/L5 (3-2-Ls)	4-7-36	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 material- Metal Bond Mfg. Co.	Underway. Prolim. test completed. Report in prop. ✓	BR
B-190 B	-- JJ33/L5 (4-5-Ds)	4-13-36	Pack., plastic mat., Type CLR MDS33P25a- Linear Packing & Rubber Co.	Underway. Partial rep. subm.	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.	Report A made. Continuing. ✓	JEL
B-245 B	Reopened JJ14/L5(1-30-Ds)	10-1-38	Compd. for prev. of ring sticking in Diesel engs. 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.	JEL
B-277 A	-- S41-5/L5 (2-2-Ds)	2-4-37	Liner, cyl.-Devel. of & test satis. type for Winton 610 Diesel eng.- Reduce oil consump.	Report 20% compl.	WFJ
B-278 B	-- JJ33/L5(5-2-Ds)	5-7-36	Pack., plas. non-graphitic Various manufacturers.	Underway. Partial rep. sub. ✓	JGO
B-280 B	-- S39/L5 (4-22-Ds)	4-30-36	Insul., 85% magnesic, formed flange covers - Plant Rubber & Asb. Wks.	Underway.	JGO
B-288 B	-- JJ46/L5 (5-3-Ds)	5-14-36	Weld- Suit. test of hard-facing rods #10 for gas weld. & #110 for elec. arc weld.- Coast Metals, Inc.	Report in prop. ✓	BR



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9725 A	-- S44/L5 (10-19-Ds)	11-3-37	Propellers- Determine suitable materials for.	Report made.	NCS
9734 B	-- QP/Welding/L5(11-13-Ds)	11-17-37	Welding- Weldability of iron alloys.	70% completed ✓	ER
9790 B	-- QP/Welding/L5(11-30-Ds)	12-6-37	Weld- Inves.to deter.suit. of root & face bend tests to qual.welders to work with Ni-Cu,Cu-Ni,C-Mn steel & Mg-Br with Phos-Bronze.	Completed. Report in prop. ✓	ER
9803 B	\$ 85.00 S87(A)/L5 (11-12-Ds)	12-9-37	Thermometer, dist. reading dial- U.S. Gage Co.	Improved thermom. to be submitted. ✓	JBL
9834 B	-- JJ33/L5(11-5-Ds)	11-11-37	Pack., Allpax Style #1- coil form- Allpax.	Underway. Indef. Partial rep.sub.	JGO
9846 A	-- S41-5/L5 (2-2-Ds)	2-4-37	Pistons- Design, develop & test EES cooled, in Winton 8x10 S/M Diesel for suit.	Cancellation recommended. ✓	WFJ
9865 B	-- L1-2/EF16 (8-2-D1)	12-3-37	Piping, valves, fittings & joints for use with Freon refrigerant- Inves.of.	Report B sub. Continuing. ✓	JBL
9870 B	-- Aer-E-46-ETC, JJ7G1, E716	1-3-38	Fuels, avia.-Cooperative test for knock rating.	No samples recd.	JGO
9898 B	-- S47/L5-2(12-10-Dx)	12-31-37	Seals, rotary pump and turbine shafts- Inves., development - test of.	Underway. Extend. investigation. ✓	JBL
9913 A	-- JJ46-1/L5(1-5-Ds)	1-14-38	Metals, wrought carb. steel (killed)- Creep tests of.	Creep tests underway 75%. ✓	NCS
9977 B	-- S44 (1-21-Ds)	2-10-38	Welding of manganese-bronze propellers.	85% completed. Continued. ✓	ER
B-6 B	-- JJ32/L5 (9-16-Ds)	9-22-37	Insul., cement, hard-finish Prep. by EES- Var. mfrs.	Report in prop. 1 Oct.	JGO
B-7 B	\$ 175.00 JJ33/L5(12-29-Ds) 1-21-38 JJ33/L5(12-29-Ds)	1-4-38	Pack., Sea-Ro Hek-Seal, Style 5051 - Sea-Ro Super-heat Spiral Style 503- Sea-Ro Packing Co., Inc.	Report C sub. Indefinite.	JGO
B-10 B	-- JJ32/L5(11-26-Ds)	12-1-37	Insul., cement, Plant 600 & Coverkote brands- Plant Rubber & Asbestos Works.	Underway. Rep. in prop. 1 Oct.	JGO
B-32 B	-- S72-2(V) (2-1-Ds)	2-21-38	Insul., 85% magnesia pipe covering- Comparative tests of various brands.	Report in prop. ✓	JGO

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9337 B	\$ 367.67 S39/L5(5-26-Ds)	7-8-37	Insul., high temp. block- #121 & Pipe Covering- H. E. Schundler Co.	Underway.	JGO
9360 B	-- QP/Welding/L5(5-21-Ds)	7-19-37	Weld- Inves. of silver bear- non-ferrous rods & electr. Amer. Silver Prod. Res. proj.	Test 60% compl. ✓	BR
9372 A	-- S48/L5 (4-29-Ds)	7-23-37	Piping- Erosive effect superheated steam on.	Prelim. rep. made. Final samp. cont'g.	WCS
9386 B	-- JJ33/L5 (6-21-Ds)	7-10-37	Pack., for corros-resist. steel shafts- U.S. Steel Corp., Research Lab.	Report in prep.	JGO
9421 B	-- S51 (6-25-Dh)	7-6-37	Tubes, boiler- Failures- disc. samples from Buong.	Indefinite.	WCS
9443 B	-- JJ33/L5 (7-28-Ds)	5-4-37	Pack., plas. metal. Syn. 1432- & 1434- Anchor Pack. Co.	Underway. Indef. Partial rep. sub.	JGO
9550 B	-- JJ14/L5 (9-10-Ds)	9-10-37	Grease, lubrication- Investigation of.	Underway. Indefinite ✓	JGO
9562 B	Reopened S48-24/L5 (7-5-Ds)	10-25-39	Valves, plug, for fuel oil & feedwater services- Homestead Valve Mfg. Co.	Stm. valves rot'd to factory for modification.	JEL
9564 A	-- S62-2(V)/L5(9-3-Ds)	9-24-37	Bearings, aircraft- Westinghouse E&M Co.	Add. tests to be made. Prelim. rep. sub. ✓	JEL
9594 B	-- QP/Welding/L5(9-14-Ds)	9-27-37	Weld- CRS to Bronze- Proc. appr. test- NYd, Phila.	Matl. not recd. ✓	(WCS (BR
9598 B	-- QP/Welding/L5(9-14-Ds)	9-27-37	Weld- Brass to Lod. Steel- Proc. appr. test- NYd, Phila.	Matl. not recd. ✓	(WCS (BR
9604 A	--	Oral	Gears, reduction- Noise tests on ships.	Test underway ✓	JEL
9659 B	-- S45-1/L5 (5-7-Ds)	10-1-37	Oil, lub., on Winton 100-kw emorg. set- SOMERS- Samples from serv. test of Skinner PE-7 streamline filter.	Report C sub.	JGO
9685 B	-- S39/L5 (10-6-Ds)	10-20-37	Insul., pipe & flg. covers- Unibestos- Union Asbestos and Rubber Co.	Final report in prep.- 1 Oct.	JGO
9703 B	-- S39/L5(10-20-Ds)	11-8-37	Insul., glass wool, for in- takes, boiler & casings- Owens-Illinois Glass Co.	Report B sub. Underway. ✓	JGO

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9002 B	--	4-1-37 Aer-E-46-MN, JJ7-4	Fuels, Diesel, Aircraft-- Investigation of.	Carbide compl. Report 25% compl.	WFS
9005 B	--	4-12-37 QB/L2 (1-30-Ds)	Flanges, with ring joint facings.	Underway.	WCS
9006 B	--	5-1-37 QP/Welding/L5(4-20-Ds)	Joints, welded- Inves. of in fuselage of Mod. SOC-1 Airplane 9965- Bu. Aero.	Report in prep.	WCS
9027 B	--	4-20-37 QP/Welding(4-19-Ds)	Weld- Inves. of effect of heat-treatment on welded brass & bronze structures.	50% completed. ✓	BR
9030 C	--	4-20-37 S66-1/L5(10-19-Ds)	Feedwater- Effect of vent. feed lines on reduction of dissolved oxygen content.	Not yet underway.	JGO
9105 B	--	5-5-37 JJ14/L5 (5-11-Ds)	Corros- Reduc. of in closed cooling sys.-Diesel eng.- Using water-soluble oil.	Report C sub. Continuing.	JGO
9116 B	--	4-2-37 S48-24/L5(3-4-Ds)	Valve, with integral stel- lited seat- Consolidated Ashcroft-Hancock Co.	Pressure drop & steam tests undwy. ✓	WCS
9117 A	--	5-17-37 S48/L5 (5-14-Ds)	Piping, high pressure steam- Repair & upkeep- Forces Afloat.	Underway 85% weld. inves. of pipes above 2" IPS under T-9176.	WCS
9176 A&B	--	5-29-37 QP/Welding/L5(5-25-Ds)	Weld- Thick-walled tubing C-C-Io & Cr-Mo to deter. proper welding technique.	Report B&C sub. Rep. D underway.	BR
9224 B	--	6-19-37 QP/Welding(6-6-Ds)	Weld- Thin-walled tubing- Requir. for prox. of weld. jts. to bulkheads & decks.	Continuing. Report in prep. ✓	BR
9240 B	--	5-4-37 JJ33/L5 (4-28-Ds)	Packing, stern tubo- Garlock Packing Co.	Report A sub. Final rep. in prep.	JGO
9315 B	--	7-6-37 JJ46-1/L6(6-29-Ds)	Castings, H-W molybdenum- chrome-nickel steel - The Lunkenheimer Co.	Underway 50% ✓	WCS
9323 B	--	7-9-37 QP/Welding(5-24-Ds)	Weld- Unionmelt process- Lindo Air Products Co.	Boiler weld rep. Fillet weld undwy. ✓	WCS
9326 A	--	7-10-37 QB/L2 (6-18-Ds)	Feedwater, boiler- Inves. to improve deaeration of.	Final report in prep.	JBL
9328 A	--	7-9-37 Aer-NA-61-MW, JJ14G1.	Lubricants, proprietary- Classification of.	Report T sub. ✓	JGO

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8732 B	-- 339/L5 (10-26-Ds)	11-12-36 Pack., asb. cloth, plain & wire reinforced-Var. mfrs.	Report in prep. ✓	JGO
8739 B	-- JJ33/L5 (11-27-Ds)	12-30-36 Pack., Gaskets- Pressure-filled- Wills Gasket, Ltd.	Temporarily disct'd awaiting new samples.	JGO
8764 B	-- JJ33/L5 (10-23-Ds)	12-7-36 Pack., valve stem, high pres.- J. Crane Superscal #6AM- Crane Packing Co.	Report & sub. Final rep. in prep.	JGO
8778 B	-- JJ33/L5 (12-22-Ds)	1-16-37 Pack., asb. high pres. red- Holios 303-Grandall Pk. Co.	Report & sub. Final rep. in prep.	JGO
8783 A	-- S41-3/S62/L5 (4-6-Ds)	4-8-37 Engines, Diesel power-beat- Calibration of.	Rep. C being re-viewed. ✓	GFJ
8833 B	-- JJ33/L5 (2-9-Ds)	2-10-37 Pack., Syn. 1104- Tests of Determine max. & minimum lubrication required.	Report in prep. 1 Nov. ✓	JGO
8865 B	-- QP/L5 (12-17-Ds)	2-20-37 Tubes, condenser- Tests in experimental condensers.	Extend. invos.-Cond. reinstalled- Undwy.	WCS
8866 B	-- JJ33/L5 (12-22-Ds)	1-13-37 Pack., Gaskets, manhole- 555 Guardian brand- Garlock Packing Co.	Underway.	JGO
8867 B	-- JJ33/L5 (12-22-Ds)	1-12-37 Pack., plas. metal. & non-metal. Syn. 1106, 1107 and 1434- Garlock Pack. Co.	Underway. Indef. Partial rep. sub.	JGO
8866 B	\$ 125.00 JJ33/L5 (12-22-Ds)	1-13-37 Pack., plas. met. Syn. 1432 & 1433- Garlock Pack. Co.	Underway. Indef. Report & sub.	JGO
8906 B	-- S46-5/L5 (1-11-Ds)	3-8-37 Condenser-Estab. improved design by exper. tests in ord. to prev. tube failure.	Apps. A-N sub. Continuing.	WCS
8912 B	\$ 125.00 JJ33/L5 (3-3-Ds)	3-13-37 Pack., semi-met. Syn. 1400- Style 7305- Garlock Pk. Co.	Underway. Indef. Report & sub.	JGO
8935 B	-- S62-2(H)/L5 (1-26-Ds)	2-15-37 Pack., plas. stuffing tube- JM Style MX-2054- Johns Manville Sales Corp.	New sample to be submitted.	JGO
8936 B	--- JJ33/L5 (12-22-Ds)	2-19-37 Pack., asb. high pres. red- Belmont Pack. & Rubber Co.	Rep. & sub. Final report in prep.	JGO
8959 B	-- Mor-E-46-ME, JJ14	2-12-37 Oils, lub., avia., Compar. of used oils- Extend. & short range flights- BYY-1 planes- Aircraft, Base Force.	Report & sub.	JGO

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7773 B	-- L1-2/NF16 (6-4-Ds)	12-3-35	Governors, pros. & Valves, reducing- Inves. of Atl. for wearing parts of.	Report in prep.	JBL
7781 A	\$ 958.20 S47/L5 (1-16-Ds)	1-24-35	Governors, pump, constant & excess pressure types- Foster Engineering Co.	Continuing. Waiting resubmission.	JBL
7816 B	-- S-7160 (2-11-Ds)	2-12-36	Welding- Approval test of nickel electrodes.	Report B underway.	BR
7818 B	-- S-7166 (2-11-Ds)	2-12-36	Welding- Approval test of aluminum electrodes.	Report A made. Continuing.	BR
7851 B	-- S48-23/L5 (2-14-Ds)	2-19-36	Connec., flex. bulkhead- for steam piping - Foster-Wheeler Corp.	Await. Bureau's action.	JBL
7870 A	-- JJ46-1/L5 (2-27-Ds)	2-28-36	Steel, Carb-molybdenum, as rolled- Creep tests, Babcock & Wilcox Co.	Creep tests at additional temps underway.	WCS
8069 A	-- S48-24(R)/L5 (3-21-Ds)	5-8-36	Valves, pros. reducing- Operation of in series.	Underway 50%. Indefinite.	JBL
8103 A	-- S46-23 (5-14-Ds)	5-14-36	Joints, pipe- maintaining tightness with steam at 600#, 750°F. temperature	Rep. C made. Recon. contin. along diff. lines.	WCS
8181 B	-- QP/Welding (11-25-Ds)	6-12-36	Welding- Scale-resist. alloy 25% Cr-20% Ni- Proc. approv. test- NYd, Haro Island.	Matl. not recd.	(WCS (BR
8212 B	-- JJ33/L5 (6-12-Ds)	6-19-36	Packing, flex. metallic, Style 360- J.M. Corp.	Underway. Indef. Partial rep. sub.	JGO
8428 B	-- JJ33/L5 (8-6-Ds)	9-5-36	Pack., flex. met. red & semi- met. stern tube- Styles 33CC & 39CC- Felt Prod. Ffg. Co.	Report F sub. Final rep. in prep. 15 Sept.	JGO
8478 B	-- QP/Welding/L5 (9-8-Ds)	9-19-36	Weld- Proc. approv. test- Scale-resist. alloy (25% Cr-20% Ni)-Charleston NYd.	Matl. not recd.	(WCS (BR
8480 B	-- QP/Welding/L5 (9-9-Ds)	9-19-36	Weld- Proc. approv. tests- Corros-resist. steel (CRS Gr. 1)-Charleston NYd.	Matl. not recd.	(WCS (BR
8661 B	-- Ca37/S48 (6-20-Ds)	10-27-36	Pack., compressed asbos. sheet- Inves. to develop meth. of test- Var. exhib.	Underway. Indefinite.	JGO
8662 B	-- S41-3(S) (10-16-Ds)	10-27-36	Spark plugs; Deter. of pre-ignition rating of.	Report in prep.	JBL

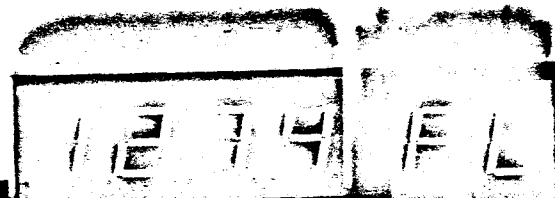
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DESCRIPTION				
U.S. U.S. Naval Engineering Experiment Station - Monthly report of tests - Aug. 1940. File # NP16/L5.				

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<u>Test No.</u>	<u>Aug.</u>	
B-1237-B JBL	5	Type approval test of Air Ejector, mfg. by Condenser Service & Engineering Co. - Considered satisfactory for Naval use.
B-1343 NPJ	23	Single-lobe cylinder head for Navy type DA powerboat Diesel engines - See report for recommendations.
B-1424-AQ WCS	9	Ord.H-385-144- Beth.Steel Co.forging 878- Line shaft for CV8- Acceptance recommended.
B-1424-AR WCS	12	Order H385-144- Beth.Steel Co.forging 864- Line shaft for CV8- Acceptance recommended.
B-1424-AS WCS	15	Order H385-144- Beth.Steel Co.forging 863- Line shaft for CV8- Acceptance recommended.
B-1557-B JHL	23	High pres.air red.valve- Reqn.685- Cont.N251s-58425 for NYd, Pug.Sd.- Foster Engr.Co.,mfr.- Acceptance recommended.
B-1606-BP JGO	8	Cont.66979- Boiler gaskets for Laro Island, (11)- Garlock Packing Co.,contr.- Acceptance recommended.
B-1606-BQ JGO	8	Cont.66979- Boiler gaskets for San Diego,Cal.(2194)- Garlock Packing Co.,contr.- Acceptance recommended.
B-1639-GQ JGO	8	Cont.67339- Asbes.metallic cloth sheet packing for Brooklyn(22) and Mare Island (23)- Garlock Packing Co.,contr.- Accep.recom.
B-1643-AH JGO	2	Cont.67343- Compressed asbes.sheet packing for Phila.Ord.#14- Asbestos Textile Co.,contr.- See report for recommendations.
B-1643-AI JGO	13	Cont.67343- Compressed asbes.sheet packing for Charleston,SC Ord.#9- Asbestos Textile Co.,contr.- Acceptance recommended.
B-1643-AJ JGO	21	Cont.67343- Compressed asbes.sheet packing for Charleston,SC Ord.#9- Asbestos Textile Co.,contr.- Rejection recommended.
B-1643-AK JBO	22	Cont.67343- Compressed asbes.sheet packing for Brooklyn #13 and Phila.#14- Asbestos Textile Co.,contr.- Acceptance recommended.
B-1646-AP JGO	13	Packing,cond.tube rings- for NYd,M.I.#95- Cont.N.s-67346- Crane Packing Co.,contr.& mfr.- Acceptance recommended.
B-1646-AQ JGO	13	Packing,plastic metallic- Sym.1432,for M.I.#96- Cont.67346- Crane Packing Co.,contr.& mfr.- Acceptance recommended.
B-1646-AR JGO	13	Packing,semi-metallic- For NYd,Mare Isl.Ord.96- Cont.67346- Crane Packing Co.,contr.& mfr.- Acceptance recommended.
B-1690-C NPJ	30	Reliability test of Alcoa permanent-mold cast alum.alloy piston with bevelled compression rings & superflex oil control rings- See report for recommendations.

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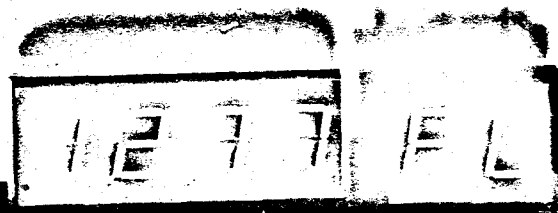
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<u>Test No.</u>	<u>Aug.</u>	
B-1693-J JGO	22	Rust prev.compds.,thin film type- Inves.of - See report for recommendations.
B-1693-K JGO	8	Alox L-1049 and Alox L-1194- Thin film rust prev.compounds, sub.by The Alox Corp.- No recommendations.
B-1693-L JGO	28	Thin film rust prev.compds., sub.by Drigard Products,Inc.- No recommendations.
B-1809-Y WCS	8	Order 170-65- Carnogie-Illinois SteelCorp.forging 989 - Propel- ler shaft for DD439-440- Federal SB&DD Co.- Accept.recommended.
B-1949 JGO	5	Lub.oils,Symbols 3050,3065 & 3080, sub.by the Pure Oil Co. Not recommended for Naval use.
B-1953-K WCS	9	Order UB-2668-D- Beth.Steel Co.forging 779- Two forged steel couplings & collars for BB59- Acceptance recommended.
B-1953-L WCS	16	Order UB-2668-D- Beth.Steel Co.forging 774- Line shaft for BB59- Acceptance recommended.
B-1953-M WCS	28	Order UB-2668-D- Beth.Steel Co.forging 780- Couplings and collars for BB59- Acceptance recommended.
B-1966-AF WCS	7	Order 168-57- Carnogie-Illinois SteelCo.forging 1851- Stern tube shaft for CL51-52- Federal SB&DD Co.- Accept.recommended.
B-2018-C JBL	6	Main draft blowers, Type 24-ENV-25- mfg.by Westinghouse Electric & Lfg.Co.- See report for recommendations.
B-2062-D- WCS	6	Chromium-molybdenum steel supplied on Contract for high pres. steam & feedwater piping in Naval vessels- Devel.of inspection methods & heat treatment procedure to eliminate non-uniform structures in the metal - No recommendations.
B-2068 BR	13	Suitability of Colmonoy No.4 and No.5 overlay alloys for use in high temp.steam valve trim- Recommended for Naval use.
B-2075-D JBL	5	Meters,fuel oil- Calib.after trials SS ALLERIA LYKES- Before trials SSBONELL - No recommendations.
B-2115 JGO	6	Insulation,pipe covering "C" unit brand - Keasbey & Mattison Co.- Considered unsuitable for Naval use.
B-2150 BR	13	Suitability test of Dymonhard No.93 hard facing alloy - Not recommended for Naval use.
B-2170-E JBL	20	Meters,fuel oil- Calib.after trials USS PRAIRIE- Before trials USS CURTISS - No recommendations

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DESCRIPTION				
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Test No.	Aug.	
B-2876-S WCS	12	Cont. 73641- Carnegie-Illinois Steel Corp. forging 1773- Port line shaft for AVP22-Boston NYd.- Acceptance recommended.
B-2877 JBL	7	Meters, cold water- Calib. prior to trials of USS DAHLGREN (DD167) No recommendations.
B-2883-B JGO	2	Motor gasoline- Conts. Tps-33264 and 35080- for U.S. Engr. Boatyard, St. Louis, Mo.- No recommendations.
B-2885 JGO	28	Insulation, block- Reqn. 1-16706/40 for Brooklyn NYd.- The Eagle Picher Sales Co., contr. & mfr.- Acceptance recommended.
B-2887 JGO	15	Packing, asbes. metallic cloth sheet, for Various destinations- Cont 73858- Raybestos Div., Raybestos-Kanhattan, Inc., contr.- General Asbestos & Rubber Co., mfr.- Acceptance recommended.
B-2889 JGO	26	Contract 73860- Plastic non-metallic packing for Phila. #1- Crane Packing Co. contr.- Acceptance recommended.
B-2891 JGO	6	Contract 73862- Flexible metallic packing- Felt Products Mfg. Co., mfr. & contr.- Acceptance recommended.
B-2891-B JGO	28	Contract 73862, Order 12298- Stern tube packing for Maro Island Felt Products Mfg. Co., contr.- Acceptance recommended.
B-2892 JGO	15	Packing, flax, for various NYds.- Cont. 73863- Clinton Mfg. Co., Inc. contr.- Acceptance recommended.
B-2892-B JGO	26	Cont. 73863- Flax packing for Boston #1- and Norfolk, Va. #1- Clinton Mfg. Co., contr.- Acceptance recommended.
B-2893 JGO	7	Cont. 73864- Semi-metallic packing for NYd, Boston Order #1- Pilot Packing Co., contr.- Acceptance recommended.
B-2895-E JGO	2	Cont. 73866- Plastic metallic packing for Maro Island Ord. #1- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-F JGO	2	Cont. 73866- Braided asbes. rod packing for Maro Island- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-G JGO	2	Contract 73866- Braided asbes. rod packing for Boston #2- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-H JGO	5	Contract 73866- Hydraulic packing for Norfolk #2- Garlock Packing Co., contr. & mfr.- Acceptance recommended.
B-2895-I JGO	8	Contract 73866- Asbes. braided rod packing for Sowell's Point, Va. 3 and Portsmouth, NH (1)- Garlock Packing Co., contr.- Accept. recommended.
B-2895-J JGO	8	Contract 73866- Asbes. braided rod packing for Pensacola, Fla. & Sowell's Point 6- Garlock Packing Co., contr.- Accept. recommended.

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<u>Test No.</u>	<u>Aug.</u>	
B-2895-K JGO	14	Cont. 73866- Sewall's Point Ord. #7 and 722-447-E-1478 for BE59- Asbestos braided rod packing- Garlock Packing Co., mfr.- Acceptance recommended.
B-2895-L JGO	15	Contract 73866- Plastic metallic packing for Charleston #1- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-M JGO	15	Cont. 73866- Braided asbes. rod packing for Portsmouth, NH #2- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-N JGO	15	Cont. 73866- Braided asbes. rod packing for Sewall's Point, Va. #11- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-O JGO	19	Packing, braided asbes. rod- Cont. NOs-73866 for NYd, Brooklyn #1- & Sewall's Pt. #5- Garlock Packing Co.- Acceptance recommended.
B-2895-P JGO	16	Cont. 73866- Braided asbes. rod packing for Sewall's Point #6- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-Q JGO	19	Cont. 73866- Plastic metallic packing for Boston #3- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-R JGO	21	Cont. 73866- Braided asbes. rod packing for Bremerton, Wash. #2- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-S JGO	21	Cont. 73866- Plastic metallic packing for San Diego- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-T JGO	21	Cont. 73866- Braided asbes. rod packing for San Diego, Cal.- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-U JGO	22	Cont. 73866- Plastic metallic packing for Boston #4- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-V JGO	22	Cont. 73866- Plastic metallic packing for Sewall's Point, 4- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-W JGO	26	Cont. 73866- Braided asbes. rod packing for Mare Island 3- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-X JGO	28	Cont. 73866- Plastic metallic packing for Sewall's Point #3- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-Y JGO	28	Packing, hydraulic, for NYd, Charleston, SC- Ord. #2- Cont. 73866- Garlock Packing Co., mfr.- Acceptance recommended.
B-2895-Z JGO	29	Cont. 73866- Packing, braided asbes. rod, for NYd, Bremerton, Wash. #1- Garlock Packing Co., contr. & mfr.- Acceptance recommended.
B-2895-AA JGO	28	Packing, braided asbes. rod for NYd, Phila. #1- Cont. 73866- Garlock Packing Co., contr. & mfr.- Acceptance recommended.

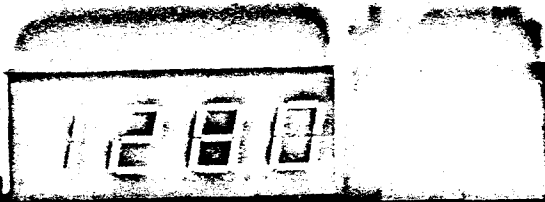


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<u>Test No.</u>	<u>Aug.</u>	
B-2895-AB JGO	29	Packing, braided asbes. rod- for NYd, Portsmouth, NH #3- Cont. 73066- Garlock Packing Co., contr. & mfr.- Acceptance recommended.
B-2895-AC JGO	29	Packing, braided asbes. rod, for NYd, Boston #5- Cont. 73066- Garlock Packing Co., contr. & mfr.- Acceptance recommended.
B-2895-AD JGO	29	Packing, plastic metallic, for NYd, Bromerton, #1- Cont. 73066- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-AE JGO	29	Packing, plastic metallic, for NYd, Norfolk & Bromerton- Cont. 73066 Garlock Packing Co., contr.- Acceptance recommended.
B-2895-AF JGO	30	Packing, plastic, metallic, for NYd, Norfolk- #9- Cont. 73066- Garlock Packing Co., contr.- Acceptance recommended.
B-2896-B JGO	15	Packing, stuffing tube, for oloc. cables- Cont. 73067 for various NYds.- Johns Manville Corp., mfr.- Acceptance recommended.
B-2896-B JGO	5	Insulation, pipe covering, molded asbes.- Ord. 416-2393- N.Y. SE Corp., contr.- Union Asb. & Rubber Co., mfr.- Accept. recommended.
B-2903 JEL	22	Motors, fuel oil- Calib. after trials SS EXEMPLAR, before trials SS EXHIBITOR- No recommendations.
B-2904 JEL	15	Cont. NOs-71766- Filter, gasoline, class A, for Oil barges 43, 44, 45 Motor Improvements, Inc., contr.- See report for recommendations.
B-2905-B JGO	22	Cont. NOs-73703- Motor gasoline, for USNA- American Oil Co., contr. Acceptance recommended.
B-2919 JEL	C	Meter, gasoline, for USS SAFEL- Phila. NYd.- Cont. 63046- National Water Co., contr.- Acceptance recommended.
B-2927-D WCS	2	Order 96402- Erie Forge Co. forging 5741-F1- Crankshaft for SS212-214- General Motors Corp.- Acceptance recommended.
B-2927-E WCS	C	Order 96402- Erie Forge Co. forgings 5741-F10 and 5741-F11- Crankshaft for SS212-214- CDED, General Motors Corp.- Acceptance recommended.
B-2927-F WCS	14	Order 96402- Erie Forge Co. forging 5741-F9- Crankshaft for SS212-214- CDED, General Motors Corp.- Acceptance recommended.
B-2927-G WCS	19	Order 96402- Erie Forge Co. forgings 5741-F2 & P6- Crankshaft for SS212-214- General Motors Corp., CDED- Acceptance recommended.
B-2927-H WCS	22	Order 96402- Erie Forge Co. forging 5741-F14- Crankshafts for SS212-214, General Motors Corp., (CDED)- Acceptance recommended.
B-2927-I WCS	23	Order 96402- Erie Forge Co. forging 5741-F12- Crankshaft for SS212-214- General Motors Corp., CDED- Acceptance recommended.

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<u>Test No.</u>	<u>Aug.</u>	
B-2929-B B-2929-C JBL	9	Valves, reducing- Contracts N220s-167873, Reqn.1-230, Sched.9473, Item 153 and Contract N220s-167936, Reqn.1-239 - See reports for recommendations.
B-2932 JGO	2	Reqn.2183(1940)- Cont.53450- Rex hydraulic speed gear oil for NYd, Mare Island- Derivatives, Inc., contr.- Acceptance recommended.
B-2932-B JGO	26	Reqn.2183/40- Cont.53450- Hydraulic gear oil for NYd, M.I.- Derivatives, Inc., contr.- Rejection recommended.
B-2935 WCS	21	Metal sprayers- Cont.33039, Item 1- Metallizing Co. of America, Inc. Acceptance recommended.
B-2937 JBL	15	Meters, fuel oil- Calib. before trials SS EXCHEQUER- No recommendations.
B-2941 WCS	23	Molybdenum alloy steel tubing, supplied by Globe Steel Co. to to Beth. Steel Corp.- Ord. S-404-414-3-1478- No recommendations.
B-2948 JGO	13	Ord. 86336- Compressed asbes. sheet packing for NYd, Phila.- Johns Manville Sales Corp., contr.- Rejection recommended.
B-2949 JGO	2	Order 366- Flax packing- The Garlock Packing Co., mfr.- Acceptance recommended.
B-2950 JGO	5	Order 32868 (Cont. NOD-1367)- Cloth inserted rubber packing for SS212-214- Garlock Packing Co., mfr.- Acceptance recommended.
B-2951-A WCS	1	Order 486553- Erio Forge Co. forging 5692-P1- Rotor forging for G.E. Co.- Acceptance recommended.
B-2952 JGO	5	Diesel fuel- Allied Oil Co.'s fuel oil taken from new lot rec'd on G. Motors Corp. Fur. Ord. 3316- Acceptance recommended.
B-2954 JGO	2	Diesel fuel- Analysis of - from USS SAUAY. No recommendations.
B-2955 JGC	19	Hydraulic gear oil, Samples 1 and 2 from HGF, Wash., DC- No recommendations.
B-2956 JGO	5	Diesel fuel and lub. oil- Taken during endurance test of engine 814039- No recommendations.
B-2957 JGO	6	Diesel fuel and lub. oil- Taken during endurance test of engine 814042- No recommendations.
B-2959 JGO	7	Diesel fuel and lub. oil- USS FULTON- Cont. NOD-1035- American Locomotive Co., contr.- No recommendations.
B-2959-B JGO	23	Diesel fuel and lub. oil- USS FULTON- Cont. NOD-1035- American Locomotive Co., contr.- No recommendations.

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<u>Test No.</u>	<u>Aug.</u>	
B-2959-C JGO	23	Diesel fuel & lub.oil- USS FULTON- Cont.NOd-1035-American Locomotive Co.,contr.- No recommendations.
B-2960 JGO	2	Insulation,pipe covering,Mkdd asbes- Ord.418-2466- New York SB Corp.,contr.- Union Asb.& Rubber Co.,mfr.- Acceptance recommended
B-2961 JGO	22	Cont.NOs-73627- Fuel,aircraft engine- for NAS,Pensacola,Fla.- Shell Oil Co.,contr.- No recommendations.
B-2962 JGO	22	Cont.NOs-73628- Fuel,aircraft engine, for NAS,Pensacola,Fla.- Standard Oil Co.,contr.- No recommendations.
B-2963 JGO	13	Lub.oil and Diesel fuel- Type approval test of 6-cyl.650 hp engine- Natl.Supply Co.- No recommendations.
B-2965 JGO	21	Packing,asbes.valve stem- Ord.31430-41- for DD4+1-42-43-44- The Grisco-Russell Co.,contr.- Garlock Pk.Co.,mfr.- Accept.recommend.
B-2966 JGO	14	Ord.370-1355 31753-9- Comp.asbes.sheet packing forDD439-40 & SS205- Garlock Packing Co.,mfr.- Acceptance recommended.
B-2968 WCS	5	General Elec.Co.Order SW-642316- Beth.SteelCo.forging 22/190A1- Acceptance recommended.
B-2969 WCS	6	Both.Steel Co.Ord.SUA-422-E- Beth.Steel Co.forging 5A3C2F6- Acceptance recommended.
B-2970-1 JEL	14	Thermometers,Navy type for EB60- General Elec.Co.- Manning, Maxwell & Moore,Inc.,contr.- Ord.RW-649678- Acceptance recommended.
B-2970-2 JEL	14	Thermometers,Navy type for EB59- General Elec.Co.- Manning, Maxwell & Moore,Inc.,contr.- Ord.S-1122-400-D-147C- Acceptance recommended.
B-2970-3 JEL	19	Thermometers,Navy type- West.E&M Co.Ord.74467- Manning,Maxwell & Moore,Inc.,contr.- Acceptance recommended.
B-2970-4 JEL	19	Thermometers,Navy type for EB-5- Worthington F&M Corp.Ord.422-29B- Manning,Maxwell & Moore,Inc.,contr.- Rejection recommended.
B-2970-5 JEL	19	Thermometers,Navy type for EB59- Genera. Elec.Co.Ord.S-1122-400-D-1478- Manning,Maxwell & Moore,Inc.,contr.- Rejection recommend.
B-2972 JGO	7	Distilled water from main and auxiliary evaporators of the USS THRESHER- No recommendations.
B-2974 JGO	13	Lub.oil, ring free, manufactured by the Macmillan Refining Co.- See report for recommendation.
B-2975 JGO	13	Grease, for NAF,Phila. and NAS,Pensacola- Ord.600-553- Master Lubricants,Inc.,mfr.- Rejection recommended.

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<u>Test No.</u>	<u>Aug.</u>
B-2976 JGO	7 Navy boiler compound 1933, Reqn. Y 2296- Conroy Products Co., mfr.- Acceptance recommended.
B-2977 JGO	8 Reqn.1-6007-S- Potassium chromate, methyl orange and phenolphtha- lein for NSD, Norfolk- Conroy Products Co., contr.- accept. recom.
B-2978 JGO	28 Packing, for Federal S&DD Co. Ord. 170-1314- Johns Manville Sales Corp., contr.- Acceptance recommended.
B-2979 JGO	13 Order E-710-33- Compressed asbes. sheet packing for Electric Boat Co.- Johns Manville Corp., mfr.- Acceptance recommended.
B-2980 JGO	13 Comp. asbes. sheet packing- Ord. 31438-36- for DD433-44 and Order 31754-44 for AV21-22- Garlock Packing Co., mfr.- Accep. recom.
B-2981 JGO	8 Order C1926- Flax packing for DD441-44- Garlock Packing Co., mfr.- Acceptance recommended.
B-2982 JGO	28 Order 68896- Pump valves for DD453-456- Garlock Packing Co., mfr.- Acceptance recommended.
B-2983 JGO	13 Diesel fuel- Standard Oil Co., taken from now lot received on General Motors Corp. fur. Ord. 3591- Acceptance recommended.
B-2984 JGO	13 Diesel fuel- from Allied Oil Co., now lot received on General Motors fur. Ord. 3532- Rejection recommended.
B-2985 JEL	19 Meter, gasoline for Newport News S&DD Co. Ord. H365-256- Worthington-Galton Motor Co., contr.- Rejection recommended.
B-2986 WCS	14 Order 99008- Erie Forge Co. forging 5773-F2- Crankshaft for General Motors Corp.- Acceptance recommended.
B-2986-B WCS	19 Order 99008- Erie Forge Co. forging 5773-I6- Crankshaft for General Motors Corp.- Acceptance recommended.
B-2987 JEL	21 Meters, fuel oil- Calib. before trials SS PRESIDENT JACKSON - No recommendations.
B-2989 JGO	19 Oil, lubricating, from Diesel engine after being purified - No recommendations.
B-2994 JGO	13 Insulation, block, Cont. C3355- The Eagle-Picher Sales Co., mfr.- Acceptance recommended.
B-2995 JGO	15 Packing, wire inserted rubber sheet for York Ice Machy. Corp.- Ords. 16864, -65 and 17273, -74- U.S. Rubber Co., mfr.- accep. recom.
B-2996 JGO	15 Order 6329- Comp. asbes. sheet packing for DD453-58- Manhattan, Raybestos Co., contr.- Acceptance recommended.

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<u>Test No.</u>	<u>Aug.</u>	
B-2997-A WCS	14	Order 642334- Erie Forge Co. forging 5913-F1- Motor forging for General Motors Corp.- Acceptance recommended.
B-2998 JGO	22	Grease, lubricant, ball & roller bearing- Reqn. B600-463 for MAS, Norfolk- Master Lubricants Co., mfr.- Rejection recommended.
B-3000 JGO	22	Diesel fuel- Standard Oil Co. fuel taken from new lot received on General Motors Corp. ltr. Ord. 3699- Acceptance recommended.
B-3001 JEL	19	Motor, cold water, for NYC, New York & Phila.- Reqn. 1-16509/40- Cont. 62634- Pittsburgh Equitable Motor Co., contr.- Accept. recom.
B-3002 JGO	15	Diesel fuel & lub. oil from USS RGE- No recommendations.
B-3003 JGO	14	Fuel oil- Cont. Tps-35140- furnished by Jowett & Sowers Oil Co. St. Louis Dist. i. O. 41-113- No recommendations.
B-3004 JGO	26	General Elec. Co. Ord. SW-36250- Plant Fiber sheet packing- Vellumoid Co., mfr.- Acceptance recommended.
B-3005 JGO	14	Insulation, pipe covering, hi-temp brand- Cont. 75416- Kearsbey & Mattison Co., mfr.- Acceptance recommended.
B-3006 JGO	22	Diesel fuel and lub. oil- Samples taken during endurance run of 7-cyl. OF engine- No recommendations.
B-3007 JGO	23	Diesel fuel and lub. oil- Samples taken during endur. run of 7-cyl. OF engine 314052- No recommendations.
B-3009 JGO	21	Gage glasses, flat- Order 716-5- for DD433-36-441-44- Reliance Gauge Column Co., contr.- Acceptance recommended.
B-3010 JGO	19	Order 422-624- Asbes. sewing thread for New York SE Corp.- Union Asbes. & Rubber Co., mfr.- Acceptance recommended.
B-3011 JGO	19	Cont. Mills-24307- Tape, insul., for various NYds.- Union Asbestos & Rubber Co., mfr.- Acceptance recommended.
B-3011-B JGO	27	Cont. Mills-24307- Insul. tape for USS INGRAHAM- Union Asbes. & Rubber Co., contr.- Acceptance recommended.
B-3012 JGO	15	Order 31901-70- Asbes. valve stem packing for DD453-50- Garlock Packing Co., mfr.- Acceptance recommended.
B-3013 JGO	19	Order 305-2462- Valve stem packing for CVT- Garlock Packing Co., mf Acceptance recommended.
B-2015 JGO	21	Diesel fuel- Allied Oil Co. fuel taken from new lot received on General Motors Corp. F.O. 3790- Rejection recommended.

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<u>Test No.</u>	<u>Aug.</u>	
B-3016 JGO	22	Diesel fuel- Allied Oil Co., taken from new lot received on General Motors Corp. P.C. 3935- Rejection recommended.
B-3021 JGO	26	Diesel fuel- Allied Oil Co., taken from new lot received on General Motors Corp. P.C. 4053- Acceptance recommended.
B-3023 JGO	29	Plant fibre sheet packing- Ord. Ncd-1267 for Fairbanks, Morse & Co., mfr.- Vollumoid Co.- Acceptance recommended.
B-3024 JGO	29	Ord. 170-1410- Compressed asbes. sheet packing for Federal SF&DD Co. Linear Packing & Rubber Co., mfr.- Acceptance recommended.
B-3025 JGO	29	Diesel fuel- Allied Oil Co., taken from new lot received on General Motors Corp. P.C. 4204- Acceptance recommended.
B-3029 JGO	29	Diesel fuel & lub. oil- Catapult Lighter AVC1- Cont. 70650- American Locomotive Co., contr.- No recommendations.
B-3033 JGO	20	Packing, wire inserted rubber sheet for DD453-56- Ord. 31901- Garlock Packing Co., mfr.- Griscom-Russell Co., contr.- Acceptance recommended.
B-3034 JGO	22	Order 32440-14- Valve stem packing for AN55-56- Garlock Packing Co., mfr.- Acceptance recommended.
B-3035 JGO	21	Cont. 61342- Asbes. cloth for NYd, Luget Sound- Johns Manville Corp., contr.- Acceptance recommended.
B-3036 JGO	21	Order 710-457-E-1470- Comp. asbes. sheet packing for Eoth. Steel Corp.- Johns Manville, mfr.- Acceptance recommended.
B-3037 JGO	29	Contract 60111- Rust prev. compd., Grade II for DD433-36-441-44- Dearborn Chemical Co., mfr.- Acceptance recommended.
B-3038 JGO	21	Insulation, Insbestos Felt- Cont. Nus-53829- Johns Manville Corp., contr.- Union Asbes. & Rubber Co., mfr.- Acceptance recommended.
B-3039 JGO	30	Fuel oil for DE55&60- Order H370-56- W.F. Mosser & Sons, contr.- Sun Oil Co., mfr.- No recommendations.
B-3041-A WCS	23	Falk Corp. FC 2706- A. Finkl & Sons Co. forging 89130-15-3- L.F. Quill shaft for DD463-464- Acceptance recommended.
B-3041-B WCS	23	Falk Corp. FC 2706- A. Finkl & Sons Co. forging 89130-15-2- L.F. Quill shaft for DD463-64- Acceptance recommended.
B-3041-C CS	23	Falk Corp. FC 2706- A. Finkl & Sons Co. forging 89130-11-3- L.F. Quill shaft for DD463-64- Acceptance recommended.
B-3041-D WCS	23	Falk Corp. FC 2706- A. Finkl & Sons Co. forging 89130-9-3- L.F. Quill shaft for DD463-64- Acceptance recommended.



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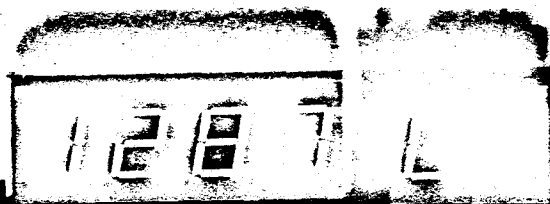
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<u>Test No.</u>	<u>Aug.</u>	
B-3041-E WCS	26	Falk Corp. PO 2706- A. Finkl & Sons Co. forging 89128-9-2- L.P. Quill shaft for DD463-64- Acceptance recommended.
B-3041-F WCS	27	Falk Corp. PO 2706- A. Finkl & Sons Co. forging 89138-11-4- L.P. Quill shaft for DD463-64- Acceptance recommended.
B-3041-G WCS	27	Falk Corp. PO 2706- A. Finkl & Sons Co. forging 89138-15-1- L.P. Quill shaft for DD463-64- Acceptance recommended.
B-3041-H WCS	29	Falk Corp. PO 2706- A. Finkl & Sons Co. forging 89138-11-5- H.P. quill shaft for DD463-64- Acceptance recommended.
B-3042 JGO	29	Diesel fuel- General Motors Corp. P.O. 4370- furnished by Standard Oil Co.-Acceptance recommended.
B-3044 JGO	28	Grease, lubricating- Cont. 169865- C.G. Lubricants Co., contr - Acceptance recommended.
B-3047 JGO	29	Diesel fuel- Standard Oil Co., taken from new lot received on General Motors Corp. P.O. 4299- Acceptance recommended.
B-3048 JGO	22	Eqn. 1-16865-40- Magnesia cement- Johns Manville Corp., contr.- Acceptance recommended.
B-3049 JGO	29	Cont. N251s-60587- Pigmented rust prev. compd.- Dearborn Chem. Co., contr.- Acceptance recommended.
B-3050-A WCS	23	Ord. N191s-19124- Penn. Forge Corp. forging 439-1 and -2- Propeller shafting for Charleston, S.C.- Acceptance recommended.
B-3053 JBL	27	Meter, gasoline, for NYd, Cavito, FI- Cont. N220s-168605- Pittsburgh Equitable Meter Co., contr.- Acceptance recommended.
B-3061 JGO	28	Packing, flax- for BB59- Ord. 730-436-E-1478- Beth. Steel Corp., contr Garlock Packing Co., mfr.- Acceptance recommended.
B-3062 JGO	29	Ord. 22432-A- Packing, high pres., asbes. rod- Northern Pump Co., contr.- Garlock Packing Co., mfr.- Acceptance recommended.
B-3063 JGO	30	Gaskets, asbes. metallic- NYd, Puget Sound- Cont. 61439- Garlock Packing Co., contr.- Acceptance recommended.
B-3070 JGO	30	Lub. oil- Used, taken from Diesel engine of USS HEERON - Not recommended for continued use.
B-3078-A WCS	29	Falk Corp. P.O. 2707- A. Finkl & Sons Co. forging 1-B688-A3- Gear shaft for DD463-64- Acceptance recommended.
B-3078-B WCS	29	Falk Corp. P.O. 2707- A. Finkl & Sons Co. forging 1-B688-B-7- Gear shaft for DD463-64- Acceptance recommended.

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<u>Test No.</u>	<u>Aug.</u>	
B-3078-C WCS	30	Falk Corp. PO 2707-A. Finkl & Sons Co. forging 1-B688-B4- Gear shaft for DD463-64- Acceptance recommended.
B-3078-D WCS	30	Falk Corp. PO 2707- A. Finkl & Sons Co. forging 1-B688-B1- Gear shaft for DD463-64- Acceptance recommended.
B-3078-E WCS	30	Falk Corp. P.O. 2707- A. Finkl & Sons Co. forging 1-B688-A2- Gear shaft for DD463-65- Acceptance recommended.
B-3079-A WCS	30	Order 98001- Erie Forge Co. forging 5744-P1- Crankshaft for General Motors Corp.- Acceptance recommended.
B-3079-B WCS	30	Order 98001-Erie Forge Co. forgings 5744-P5 and P6- Crankshaft for SS212-214 for G.M. Corp.- Acceptance recommended.
B-3082 JGO	29	Insulation, felt- Cont. 53913 for Lare Island NYd.- Union Asbestos & Rubber Co., mfr. & contr.- Acceptance recommended.
B-3083 JGO	30	Packing, comp. asbos. sheet for SS228-235- Ord. 2398, Cont. MOD-1368- Harrison Radiator Div., contr.- Garlock Packing Co., mfr.- Acceptance recommended.



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