

SUT00011035

U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

NP16/A9-4/L5

JUN 24 1941

From: Director.
To: Bureau of Ships.
Via: Superintendent, U.S. Naval Academy.

Subject: Monthly Report of Tests - May 1941.

Inclosure: (A) Summary of Reports Submitted.
(B) List of Tests Incomplete.
(C) Addenda to Alphabetical Index of
Tests Dated October 31, 1934.
(D) List of Tests Reported During
Month Ending May 31, 1941.

1. Inclosures showing status of experi-
mental and test work are submitted.

A. T. Church
A. T. Church

CRMC-M&S-003666

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NAVY ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

SUMMARY OF REPORTS ASSIGNED AND SUBMITTED THIS MONTH

Inspection Tests

Tests brought forward from April 1941	324
Tests assigned	171
Tests reopened	1
Tests cancelled	0
Tests closed out	132
Tests remaining open	364
Reports submitted	642
Supplementary reports submitted	6
Total reports submitted	648

Other Tests

Tests brought forward from April 1941	508
Tests assigned	61
Tests reopened	2
Tests cancelled	2
Tests completed	37 532
Tests incomplete (listed in inclosure B)	495
Tests complete but held open awaiting financial adjustment (listed in inclosure B)	24
Tests assigned and completed during month and listed in inclosure B for record purposes	13 532
Reports submitted	52
Reports submitted on tests completed but held open awaiting financial adjustment	11
Reports submitted on tests assigned and completed during month	11
Supplementary reports submitted	45
Total reports submitted	119

Summary of Reports

Inspection reports submitted this month	648
Other " " " "	119
Total " " " "	767
Total " " " fiscal year prior to this month ..	4451
Total " " " fiscal year	5219

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

NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

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-4860 B	-- JJ52 (15) (356)	5-22-41	Compd., rust prev., Rust Ban 324- Spec. 14C4a- sub. by Standard Oil Co. of N.J.	Arrangements underway.	JGO
B-4864 A	--	--	Engine, subm. 2000-hp- Fairbanks, Morse & Co.- Cont. NOd-1368- Changing blower gears and two exh. manifolds.	20% compl.	WFJ
B-4869 B	-- JJ33(1) (356)	No date	Packing, rod, asbes. braidedd Sym. 1103- Various mfrs.	Arrangements underway.	JGO
B-4873 B	-- QP/W2C(4)(1) (354)	5-27-41	Weld. hard-surfacing electr. for purpose of obtaining info on which to base spec.-Bergstrom Alloys Corp.	Awaiting matl.	BR
B-4874 B	-- NA23/N23-7	5-24-41	Feedwater- Boiler water treat.- NAS, Miami, Fla.	Underway.	JGO

TESTS COMPLETED AND REPORTS SUBMITTED

4782 9386 B-277 B-560 B-1387 B-1813 B-1892 B-2367 B-2374 B-2715 B-3142
B-3152 B-3462 B-3551 B-3642 B-3666 B-3719 B-4138 B-4142 B-4154 B-4263
B-4264 B-4279 B-4368 B-4392 B-4393 B-4428 B-4430 B-4466 B-4474 B-4478
B-4552 B-4562 B-4563 B-4593 B-4625 B-4529

CANCELLED

9562 B-2467

DOCUMENT REQUEST FORM			INITIALS	DATE
			WET	10/12
ACCESSION NUMBER	BOX NUMBER	SEGMENT NUMBER	NUMBER OF PAGES	
19-62A2160 Box 3/15	PC000681	02	1	
DESCRIPTION				
U. S. Naval Engineering Experiment Station Monthly report of tests - May 1941.				

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Annapolis, Maryland

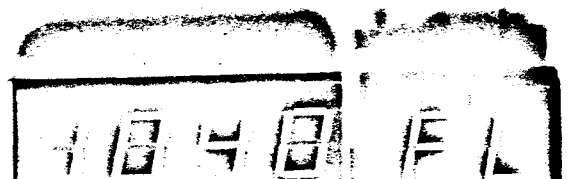
Report of tests for month ending May 31, 1941

B-4723 A	-- S87(1)	5-7-41 (354)	Gages, pressure-in phenolic Underway. case- Clapp Instrument Co.	JBL
B-4724 B	-- S82-3(15)	4-21-41 (Dys4)(S41-3)	Plugs, spark - Continuing. Revision of Spec.17Pl.	JBL
B-4725 B	-- JJ14	5-1-41 (Dys-4)	Lubricant, hydraulic, fluid Underway. Lindol LP- Celluloid Corp.	JGO
B-4726 A	-- DD287/S51	8-20-26 (7-24-Ds)	Oil, lub., samples from Compl.& Rep. USS KILANEA.	JGO
B-4729 A	-- L5/NP16	11-25-24 (11-14-Ds)	Oil, lub. & Diesel fuel, used Compl.& Rep. in type approval test eng. at National Supply Co.	JGO
B-4735 A	-- JJ41(27)	4-30-41 (Dys-2)	Gages, pressure- Acme Gauge Underway. & Instrument Co., exhib.	JBL
B-4741 A	-- JJ7-3	5-9-41 (356)	Oil, Diesel fuel- Hercules Compl.& Rep. Oil Co.	JGO
B-4742 A	-- JJ14	4-21-41 (Dys-4)	Oil, lub., Essolube-for Compl.& Rep. Diesel eng. crankcase- Buships.	JGO
B-4748 B	-- JJ32	4-14-41 (Dys-4)	Insul. felt, woven asbes. Compl.& Rep. Union Asb. & Rubr. Co. and Raybestos-Manhattan, Inc.	JGO
B-4760 A	-- JJ7-6/L5	6-26-29 (6-13-S)	Gasoline, avia., 100 octane Compl.& Rep. & motor fuel V- from NAS, Pearl Harbor.	JGO
B-4761 B	-- S40	8-21-40 (Dys)	Noise-Background surveys Report A sub. of ships' machy. spaces to determine preferred signal frequencies.	JBL
B-4766 B	-- Aer-E-431-RY, JJ7G1	5-12-41 QM(6826)	Gasoline, aircraft eng. fuels Arrangements Qual. tests of- Maritime underway. Oil Co.	JGO
B-4767 B	-- S75/JJ14	5-10-41 (293)(Pr8a)	Oil, hot running torpedo Arrangements Sinclair Refining Co. underway.	JGO
B-4768 B	-- JJ11	4-29-41 (216)(Pr5b)	Oil, lub., hydraulic gear- Arrangements Spec. OS1113- Standard underway. Oil Co. of N.J.	JGO
B-4786 B	-- JJ33(1)	5-2-41 (Dys-4)	Pack., metal. substitute Arrangements for flax pack., Rains- underway. Rains Packings.	JGO

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ACCESSION NUMBER	BOX NUMBER	SEGMENT NUMBER	NUMBER OF PAGES	
19-62A2160 Box ³ / ₁₅	DC000681	03	1	
DESCRIPTION				
U. S. Naval Engineering Experiment Station Monthly report of Tests - May 1941.				

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NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-4211 A	-- Disp.	1-14-41 132004	Liner, cyl., main engine, cracked-Exam. of-CHEROKEE	Tests 60%	WFI
B-4214 A	-- QP/W&C(4)(2)	3-11-41 (Dys, Dw)	Weld-Proc. appr. test for Cl. P-1 molyb. alloy steel stm. piping-Cramp SR Corp.	Awaiting matl.	SR
B-4215 A	-- DD287/S51(7-24-Ds)	8-20-26	Noise- Exhaust sys., EES 481-496 type-Suit. test- on PC class subchaser- Proj. Order 385/41.	Construction compl. and muffler shipped.	WFI
B-4216 A	-- JJ32(Dys-4)	3-10-41	Insul., tape, asbes.-Kay-N- M- Leasbey & Mattison Co.	Test underway.	JGO
B-4243 B	\$ 500.00 JJ14 (Dys-4)	3-7-41	Oils, lub., Symb. 1042, 1047, 2075-2250, 3050-3120 - Valvoline Oil Co.	Underway.	JGO
B-4255 B	-- JJ14 (Dys-4)	2-26-41	Oil, lub., Diesel engine- Sym. 3065-D-The Texas Co.	32 hrs. in CFR. Underwood tests compl. Work factor #6, 90%.	WFI
B-4257 A	\$ 200.00 Aer-E-431-RY, JJ7G1 QM (5630)	3-14-41	Gasoline, aircraft eng. fuels-Qual. tests of- Spec. Alk-VV-F-756, 751, 776, 781- Sun Oil Co.	Compl. & rep. Await. finan. adj.	JGO
B-4259 A	\$ 250.00 L5/NP16 (11-14-Ds)	11-25-24	Weld. Plate- for proc. appr-Combustion Engr. Co.	Compl. & Rep. Await. finan. adj.	WCS
B-4260 B	-- JJ52(15)(Dys-4)	3-10-41	Compd., rust prev. Types B&C- Spec. 1404- Neats- foot Oil Corp.	Matl. not recd.	JGO
B-4261 B	\$ 130.00 JJ52 (15) (Dys-4)	3-5-41	Compd., rust prev., thin- film, Gr. 1, 2, 3- Sinclair Refining Co.	Underway.	JGO
B-4265 B	-- S41-5(Dys-2)	3-13-41	Jt., pipe, flex. ball-for pipe cognec. to recipro. machy- Barco Mfg. Co.	Underway 90%	JBL
B-4269 B	-- JJ52(19) (Dys-4)	3-7-41	Paint, alum., heat-resist. Type approval test - Sherwin-Williams Co.	Underway.	JGO
B-4277 B	-- L5/NP16 (11-14-Ds)	11-25-24	Oil, crankcase & motor tune-up "Aviex" & Penetra- ting "Mexox"- U.S. Engr. Office, St. Louis, Mo.	Underway 1 July	JGO
B-4282 A	\$ 50.00 S75/JJ14(284) (PrSa)	3-18-41	Oil, lub., for hot running torpedoes-Union Oil of Cal.	Underway.	JGO

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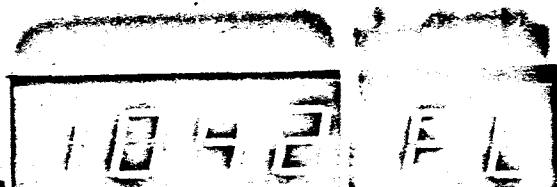
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DOCUMENT REQUEST FORM		INITIALS WEJ	DATE 10/12
ACCESSION NUMBER 19-62A2160 Box 3/15	BOX NUMBER DC000681	SEGMENT NUMBER 04	NUMBER OF PAGES 1
DESCRIPTION U. S. Naval Engineering Experiment Station Monthly report on test - May 1941.			

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-3881 A	--	10-14-40 QP/Plating (DYs-2)	Plating, chromium- for salvaging crankshafts.	Crankshaft being installed.	WFJ
B-3882 A	--	1-14-41 S48-24(DYs2)	Valves, stm. pres. reducing, improved Cl. LA-Leslie Co.	10%. Exhib. making chg. for Cl. C serv.	JBL
B-3888 B	--	1-23-40 Cont. NOs-79539	Eng., Diesel, marine, Ker- math 4-226- Cont. NOs-79539 Service test of.	Days in serv. 85 Hours oper.- 166 Ltr. rep. B sub.	WFJ
B-3894 A	--	1-16-41 C-NOs-77975, C-NOs-79125	Generator set, Diesel eng. 540-kw, Life test of- Conts. NOs-77975 & 79125.	Tests 50% 1066 hours oper. Reps. A, B, C sub.	WFJ
B-3902 B	--	1-17-41 JJ14(DYs4)	Oil, lub., Diesel engine Socony-Vacuum Oil Co.	300 hrs. oper. in Atlas-Lanova.	WFJ
B-3913 B	--	1-7-41 JJ14(DYs4)	Lubricant, slow speed, hyd. pres., leaded & Compound, gear, leaded-MetalLead Prod.	Report in prep.	JGO
B-3914 B	--	1-16-41 JJ46-5(DYs4)	Compd., anti-seize, Norm #30- Specialty Sales Corp.	Underway.	JGO
B-3915 B	\$ 75.00	1-7-41 JJ32 (DYs-4)	Insul., cement, high temp. Hy-Temp brand- sub. by Keasbey & Mattison Co.	Underway.	JGO
B-3917 B	--	1-14-41 S19-8 (DYs-4)	Compd., jt. & thread, hi-h temp.- Natl. Eng. Prod. Inc.	Underway.	JGO
B-3918 B	--	12-18-40 JJ33(1) (DYs-4)	Pack., plas., non-graphitic & semi-met., for stern tubes- Durametallie Corp.	Matl. not reed.	JGO
B-3919 B	--	1-21-41 JJ/Bearings(1)(DYs2)	Bearing, spheroidized steel Bearium Metals Corp.	Specimens fwd. to exhib. for heat-treat.	WCS
B-3920 A	--	1-23-41 DD355/S48(DYs-2)(MV)	Piping, corrugated steel Failure of- USS AYLEIN.	Matl. not reed.	WCS
B-3921 B	--	12-20-40 JJ32(DYs-4)	Insul., molded asbes., Type C- Asbestos Ltd., Inc.	Underway.	JGO
B-3922 B	\$ 35.00	1-13-41 JJ41(9) (SE) (DYs-4)	Taps - Wells Tool Co.	Modified- Matl. to be sub.	JBL
B-3943 B	--	1-13-41 S41-3 (DYs4)	Muffler, exh., Savage- Suit. test on Kernath Model 4-226 Diesel eng.	Test compl. Report sub.	WFJ
B-3967 B	--	1-31-41 JJ14(DYs4)	Lubricant, Diesel eng. Cadcl NC- Tide Water Associated Oil Co.	200 hrs. oper. in Atlas-Lanova.	WFJ

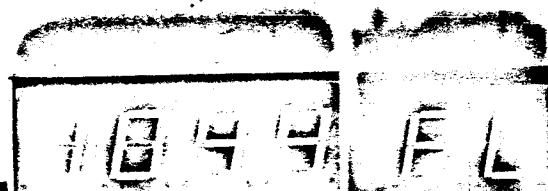
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Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-3255 A	-- QP/W&C(2)(1)(Dw)(DYS)	9-27-40	Weld- 13% chrome nozzle diaphragm passage unit to alloy steel inner & outer rings- Proc.appr.for- Westinghouse E&M Co.	Report sub.	BR
B-3264 B	Reopened L5/NP16 (11-14-Ds)	2-14-41	Weld- Unionmelt process Qual.of- Lukenwold, Inc.	Report subm.	BR
B-3283 A	-- SS/S41-5(10-2-DYS)	10-7-40	Head, cyl., Mooney- for Winton 201A Diesel eng.	1460 hrs.oper. compl.	WFJ
B-3293 A	-- JJ14 (SS)	8-12-40	Oil, lub., Spec.RPM Delo for DA Diesel engine- NYd, Portsmouth, Va.	Report H sub. Continuing.	JGO
B-3318 B	-- JJ41(9)(DYS)	10-15-40	Taps, rolled thread- Henry L. Hanson, Inc.	Matl. not recd.	J3L
B-3322 A	-- S38-1(1) (9-5-DYS-2)	10-15-40	Blower, portable air jet- Schutte & Koerting Co.	Rep. in manuscript	JBL
B-3333 A	-- S41-3 (DYS-2)	10-15-40	Bear., Alcoa alum. alloy crankpin in Winton 201A Diesel engine-	Brg. failed after 14:42 hours- Await. replacement.	WFJ
B-3347 B	-- S48-24(DYS-2)	10-19-40	Valves, red., diaphragm oper. type- O.C. Keckley.	Matl. not recd.	JBL
B-3355 A	-- DD287/S51(7-24-Ds)	8-20-26	Pistons, exper., Failed X-2 type- Inspection of, from Winton 8 1/2 x 10 1/2 Diesel eng.- USS SNAPPER.	Test 30% compl.	WFJ
B-3361 B	\$ 50.00 JJ52(15) (DYS-4)	10-24-40	Compd., rust prev., Types C&D- H.D. Spec. 14C4d- Gulf Oil Corp.	Underway.	JGO
B-3362 B	-- Aer-E-431-RY, JJ7G1 QM(6263)	10-21-40	Gasoline, avia. fuel, eng. Spec. AM-9530- Standard Oil Co. of Indiana.	Test held up at request of exhib.	JGO
B-3366 B	-- QP/W&C(2)(1)(Dw) (DYS)	10-23-40	Welding of silicon-bronze Investigation of.	Underway. Continuing.	BR
B-3369 A	\$ 500.00 C-NOs-76673(10-15-DYS)(2)	10-24-40	Crankshaft- for Martin Motors Diesel eng.-Cont. NOs-76673-Torsion tests.	Rep. made Continuing.	WCS
B-3373 B	\$ 50.00 JJ14(7-10-SS)	7-23-40	Oil, lub., Symbol 5190- Union Oil Co. of Calif.	Compl. & Rep. await. finan. adj.	JGO
B-3383 B	-- JJ32(DYS4)	10-24-40	Insul. Pipe cov. & Blocks, 85% magnesia, precision molded- Plant Rub. & Asb. Wks.	Underway.	JGO

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U. S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-3075 B	-- DD287/S51(7-24-Ds)	8-20-26	Tubes, boiler - from USS GRIDLEY.	Matl. not recd.	WCS
B-3086 B	-- S39-2(SS)	8-21-40	Insul., lagging, heat trans. Underway. factor-Galv. steel, fibrous glass & asbes. coverings.		JGO
B-3093 A	-- SS/S48-24 (DYs)	8-26-40	Valve, reduc. air dome loaded Underway 70% Type 36H4-Foster Eng. Co.		JBL
B-3104 A	-- S51-3(G) (8-28-DYs)	8-29-40	Gage, boiler water level- L.J. Bordo Co., Inc.	Matl. not recd.	JBL
B-3126 B	-- S48-23 (8-28-DYs)	9-4-40	Traps, stn. open bucket, Cl. B, Type approval test- Kieley & Mueller, Inc.	Matl. not recd.	JBL
B-3128 B	-- S48-23(8-26-DYs)	9-3-40	Traps, steam, redesigned- Type approval test - Armstrong Machine Works.	Underway 10%	JBL
B-3151 B	-- JJ33(1)(8-19-DYs)	9-3-40	Pack., asbes. high pres. rod General Asb. & Rubr. Div. Raybestos-Manhattan, Inc.	Underway.	JGO
B-3193 B	-- JJ33-(1)(8-21-DYs)	9-3-40	Pack., flex. met. improved Style 100- Crane Co.	Await. new samples.	JGC
B-3210 A	-- Aer-E-34-SL, N24-3 AVL, S15	9-21-40	Gasoline, avia., Samp. from Patrol Plane fueling, Gaso- line deliv. buoy, WRIGHT.	Matl. not recd.	JGC
B-3211 B	\$ 100.00 JJ52(15)(9-11-DYs)	9-23-40	Compds., rust prev., Thin- film, Tectyl 502-B & 511-A brands-Potomac Chem. Co.	Compl. & Rep. Await. finan. adj.	JGC
B-3212 A	-- S48-23 (8-27-DYs)	9-18-40	Trap, steam- Designed by Chief Mach. L.E. Gray, USN.	Report sub. Serv. test underway.	JBL
B-3225 A	-- C-S51-5 (8-21-Dq)	8-27-40	Engine, Diesel- Exhaust disposal.	Lab. test EES compl. Rep. 25%; PC461-496 muffler test 100%.	WPI
B-3245 B	\$ 200.00 S51-3(1)(9-11-DYs-2)	9-28-40	Valve, blow-off- The Okadee Co.	Service test until Sep. 1, 1941.	JBL
B-3246 B	\$ 75.00 JJ32 (9-3-DYs)	9-18-40	Insul. cement, Type B, #300 brand- F.E. Schundler Co.	Underway.	JGC
B-3254 A	-- JJ46-10(DYs-2)	10-1-40	Metals- Nichrome, Driver- Harris Co.- Hastelloy, Alloy B, Haynes-Stellite.	Rep. made. Cont'g. Add. matl. recd.	WCS

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
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Report of tests for month ending May 31, 1941

B-2938 B	-- DD287/S51(7-24-Ds)	8-20-26 Tube, boiler- Failure of USS WYOMING.	Underway 40%	WCS
B-2939 B	-- AT23/S51(6-1-Mh)(SS)	6-21-40 Tubes, boiler, for USS KALMIA	Underway 40%.	WCS
B-2940 B	-- CL42/S51(4-10-Mh)(SS)	6-19-40 Tubes, economizer, for #8 boiler- SAVANNAH	Underway 35%	WCS
B-2943 C	-- JJ46-1(21) (6-18-SS)	7-23-40 Metals- 5-point Deephard process for hardening wear surfaces of machy.- Foote Bros. Gear & Mach. Corp.	Report in prep.	WCS
B-2945 A	-- JJ46-1(25) (SS)	7-22-40 Metals, steel, molybdenum vanadium- Beth. Steel Co.	Report C made. Add. matl. recd.	WCS
B-2947 B	-- DD287/S51(7-24-Ds)	8-20-26 Tubes, boiler- Failure of USS ZANE.	Underway 40%.	WCS
B-2958 B	\$ 100.00 S45-2(7-16-SS)	7-24-40 Bearings, roller- Rollway Bearing Co., Inc.	90% compl.	JBL
B-2964 A	-- JJ46-1(1)(6-27-SS)	7-29-40 Metal, propeller alloy- Mn-Ni-Cu (Pure Mn)	Cavitation tests underway. Prelim. rep. made.- Cont'g.	WCS
B-2971 B	-- S48-23(SS)	7-30-40 Compd., joint & thread, high temp.- I.H. Grancell.	Underway.	JGO
B-2987 B	\$ 200.00 QS1 (5-1-Ds)	5-6-39 Meters, f.o.-Calib. for trials Maritime Com. Hulls 53-58 & 110- MN SB&DD Co.	Continuing.	JBL
B-2988 A	\$ 125.00 JJ33(2) (7-11-SS)	7-25-40 Pack., asb. high pres. rod- Perfection- U.S. Rubr. Co.	Report in prep. 15 June.	JGO
B-3018 B	-- JJ14 (7-24-Ds)	8-1-40 Oil, lub., for Diesel eng. Alox #157 additive for.	Compl. Rep. 35% Add. tests deferred.	WFPJ
B-3020 B	-- QP/W&C(2)(3)(7-12-Sw)SS	7-10-40 Weld-Small dia. HP&HT Pipe for Naval service- Suit. test of Thermit process.	Underway.	BR
B-3043 C	-- JJ-34F4 (8-3-SS)	8-14-40 Clamps, hose, Acme Metal Products Co.	Underway as opportunity permits.	JBL
B-3054 A	-- S43-2(SS)	7-22-40 Bearings, strut & stern tube, rubber segment type- Design data for.	Underway.	JBL
B-3072 A	-- QP/W&C(2)(1)(8-1-Sw)Dys	8-20-40 Tubes, alloy, butt weld, 4-6% Cr-Mo-Ti tubes to 18% Cr- 8% Ni-Ti tubes- Qual. of proc.	Matl. not recd.	BR

U.S. NAVAL ENGINEERING EXPERIMENT STATION
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B-2806 A	--	6-25-40 S43-1(5-28-SS)	Coupling, clutch, Type FBO 160- Wonway Clutch Co.	Matl. not recd.	JBL
B-2810 B	--	6-21-40 S39-1 (6-13-SS)	Insul., Felt, Rockwool, for boiler uptakes- Eagle Picher Sales Corp.	Underway.	JGO
B-2814 B	--	6-24-40 S55-2(5-17-SS)	Filters - Diesel fuel oil	Proj. rep. sub. 5 filters tested- Cont'g.	WFIJ
B-2819 B	--	4-27-40 S41-3 (SS)	Oil, lub., Texaco #303 in Diesel engines.	Tests discont'd. Report in prep.	WFIJ
B-2820 B	--	4-27-40 S41-3 (SS)	Oils, lub., Sinclair 610 motor oil in Diesel engs.	Tests in Atlas- Lanova compl; Tests in GM 6-71 scheduled.	WRJ
B-2822 B	--	6-27-40 JJ33 (6-20-SS)	Pack., storn tube, semi-met. Sym. 1405-Crane Pk. Co.	Report in prep. 15 June.	JGO
B-2855 B	--	6-17-40 M102-29360 (6-28-SS)	Gages, pres. differential- Crosby Stm. Gage & Valve Co.	Underway.	JBL
B-2856 A	--	6-27-40 JJ43(4-22-SS)	Couplings, flex- Crocker- Wheeler Elec. Mfg. Co.	40% 1 July	JBL
B-2864 B	--	7-6-40 S48-24 (6-13-SS)	Valve, relief, constant bk. pres.- Foster Engr. Co.	Prelim. rep. sub. Rep. in manuscript.	JBL
B-2878 B	--	7-10-40 S40(5-22-SS)	Noise isolator- Johns Manville Sales Corp.	10%. Indefinite	JBL
B-2903 B	\$ 100.00	5-6-39 QX1 (5-1-De)	Meters, f.o.- Calib. for trials Maritime Com. Hulls 102-5-Beth. Hulls 1481-84.	Continuing.	JBL
B-2912 B	--	4-27-40 S41-3 (SS)	Oil, lub., Std. Oil of N.U. Essolube H D in Diesel engine.	Ltr. Rep. 90%; Under- wood & work factor compl; Tests in prog. in Cummins, GM 6-71 & Cat. D-3400 engs.	WFIJ
B-2915 C	--	7-15-40 S43-2 (7-2-SS)	Bear., Phenolic type, for motorboat strut & stern tubes & Pump shaft bear. serv.- Richardson Co.	Matl. not recd.	JBL
B-2926 A	--	6-22-40 JJ46-10(6-14-BS)	Shafts, for blower serv.- Colmonoy overlay process Wall-Colmonoy Corp.	Suspended. Await. Bureau decision re base metal.	(JBL) (BR)
B-2937 B	\$ 150.00	7-20-40 MC63-66/S55-5(T)-462	Meters, f.o.- Calib. for trials Maritime Com. hulls 63-66- Ingalls SB Corp.	Continuing.	JBL

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-2341 B	-- JJ33/L5 (1-23-SS)	2-19-40	Pack., plant fiber sheet- Vellutex- Vellumoid Co.	Underway.	JGO
B-2379 B	-- JJ33/L5 (11-3-SS)	3-1-40	Seals, oil - Various mfrs.	Extended inves.	JBL
B-2439 B	-- S43-2/L5 (2-2-SS)	3-2-40	Bearings, strut & stern- Synthetic rubber strips, Lucian Q. Moffitt, Inc.	Underway.	JBL
B-2452 B	-- JJ33/L5 (1-11-SS)	1-16-40	Packing, steering gear, telemotor rams & valves- Various mfrs.	Underway.	JGO
B-2473 B	\$ 160.00 JJ45-(2) (SS)	3-15-40	Valves, lever-seal- Gas- line service- Homstead Valve Kfg. Co.	Matl. not recd.	JBL
B-2488 B	\$ 300.00 S47/L5 (9-14-SS)	3-28-40	Pump, rotary, fuel & lub. oil, Cl. N3, N2, O2 services- Quimby Pump Co., exhib.	Matl. not recd.	JBL
B-2490 B	\$ 100.00 S43-2/L5 (2-20-SS)	3-27-40	Bearings, roller- Roller Bearing Co. of America.	95% complete.	JBL
B-2491 A	-- P0240/41, L1-2/NP (3-28-F)	3-27-40	Compd., preservative, thin- film (Polar)- for machy. Develop. of spec. for.	Report A sub. Continuing.	JGO
B-2528 B	\$ 287.50 QS1 (5-1-De)	5-6-39	Meters, f.o.- Calib. for trials C-2 Diesel carbo vessels- Maritime Com. #22-25, Tampa #33-36-Tampa SB & Engr. Co.	Continuing.	JBL
B-2529 B	-- S48-10 (4-1-SS)	4-6-40	Indicators, sight flow, for low pressure steam drains.	Underway.	JBL
B-2531 A	-- S41-6 (SS)	4-9-40	Clutch, free wheeling- Mercury Clutch Corp.	Report in prep.	JBL
B-2541 A	-- Proj. Order 238/40	3-28-40	Feedwater, boiler - Inves. of problems.	Underway.	JGO
B-2544 B	-- JJ45(2) (SS)	4-9-40	Valve, plug, type for Gas- serv.- Barrett Mach. Co.	Matl. not redd.	JBL
B-2606 B	-- S39/L5 (12-29-SS)	4-24-40	Insul., Felt, woven glass U.S. Asbestos Division, Raybestos-Manhattan, Inc.	Underway.	JGO
B-2628 A	--	Oral	Engine, Diesel, Winton 12- cyl., 201A- Tests of eng. parts & lub. oils in- at New London, Conn.	Engine being shipped to EES.	WFJ

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DESCRIPTION

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Monthly report of tests - May 1941.

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-1336 B	-- JJ46-1/L5(4-28-Ds)	5-6-39	Metals- Relaxation prop. of alloy steel bolt matl. now in commercial use.	Report D in prep.	WCS
B-1339 B	90.00 S39/L5 (4-7-Ds)	4-25-39	Insul., block, high temp. Baldwin-Hill Co.	Awaiting new samples.	JGC
B-1342 A	-- S41-3/S82(4-20-Dq)	4-22-39	Cyl. head, Lanova, 1-lobe- Test with & without supercharging & deter. most suit. type supercharger for DD powerboat Diesels.	Suit. rep. 50%; Wear rep. being revised; Superchg. test discontinued.	WFI
B-1343 A	-- S41-3/S82(4-20-Dq)	4-22-39	Cyl. head, Lanova, 1-lobe- Test with & without supercharging & deter. most suit. type supercharger for DA powerboat Diesels.	Rep. 85% compl; Wear rep. being revised; Superchg. test discontinued.	WFI
B-1345 B	-- S39/L5 (8-2-Ds)	5-5-39	Insul., glass fiber felt Union Asbes. & Rubber Co.	Report in prop.	JGC
B-1388 B	-- JJ33/L5(5-11-Ds)	5-17-39	Pack., plas. metal., coil form, metal. foil jacket, Sea-Ro armored Nek-Seal Style 501- Sea-Ro Pk. Co.	Underway. Partial rep. sub.	JGO
B-1471 B	-- S48-23/L5(5-19-Ds)	6-13-39	Traps, steam, impulse type with integral strainer- Yarnall-Waring Co.	Letter rep. subm.	JBH
B-1477 B	-- S48-23/L5(3-17-Ds)	6-7-39	Valves, plug, for fo, feed-water & steam services- Kuehler-Huhn Co., Inc.	Extended service test underway.	JBH
B-1494 B	-- S39/L5(5-1-Ds)	5-23-39	Insul., block, molded asbes. UNIBESTOS- Union Asbestos & Rubber Co.	Underway. Partial rep. sub.	JGC
B-1500 B	-- JJ41/L5(6-2-Ds)	6-13-39	Tool, silver brazing, for Cu & Cu-Ni alloy tubes.	Underway 80%	WCS
B-1517 B	-- S48-23 (5-5-Ds)	6-27-39	Valves, boiler blow-off, L.J. Bordo Co., Inc.	Matl. not recd.	JBH
B-1524 A	-- S41-5 (6-27-Dq)	6-28-39	Liners, cyl., chromium-plated, Diesel engine- Van der Horst process.	Liner #490-G 7508 hrs; temp. discont'd. Liner #658-G 834 hrs.- compl.	WFI
B-1542 B	-- JJ46-6/L5(3-15-Ds)	6-24-39	Alloy, alum. cast- Natl. Bronze & Alum. Pdry. Co.	Final rep. in prep.	WCS
B-1558 A	-- JJ46/L5(6-15-Ds)	7-10-39	Alloy, silver brazing, Easy-Flow #3- Handy & Harman.	Prelim. rep. made. Continuing.	WCS

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DOCUMENT REQUEST FORM			INITIALS	DATE
			WET	10/12
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A-62A2160Box 3/5	DC000681	08	4	
DESCRIPTION				
U.S. Naval Engineering Experiment Station - Monthly report on tests - May 1941				

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Annapolis, Maryland

Report of tests for month ending May 31, 1941

B-604 B	-- NP16	8-6-38 (7-21-Ds)	Metals- Rate growth of mats. when subjected to high temp. steam.	Underway 50%. Add. samps. recd. Tests in steam underway.	WCS
B-689 B	-- S48-24(R)/L5	9-30-38 (7-15-Ds)	Valves, reducing- Klipfel Mfg. Co.	High pressure valves not recd.	JBL
B-704 B	-- QP/Welding/L5	10-5-38 (9-14-Ds)	Weld- 1/8" dia. Aorisweld 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	9-28-38 (9-21-Ds)	Engines, 2-cycle, double acting Diesel- Invs. to determine means of restor- ing excessively worn cylinder liners of.	Matl. on hand. Underway.	BR
B-748 B	-- JJ46-1	10-13-38 (10-10-Ds)	Metals- Low alloy corros- resist. steel- Invs. for possible usefulness for boilers & oth. pres. vessels.	Specimens ready to place in boiler. Other tests compl.	(WCS (BR
B-792 B	Reopened QP/Welding/L5	11-4-38 (10-14-Ds)	Weld- Qual. test of Champ. Blue Devil 85 & Red Devil 75-Carb-molyb. electrodes.	Rep. A made. Await. matl. for retest Class I matl.	BR
B-872 A	-- S41-5	12-7-38 (11-29-Ds)	Water- Treat. of in closed cooling sys. with chromates.	Report A sub. Continuing.	JGO
B-886 B	-- JJ33/L5	10-14-38 (10-12-Ds)	Pack., cond. tubes, copper foil- Various mfrs.	Report in prep. June 15.	JGO
B-908 B	\$ 400.00 S47/L5	12-16-38 (11-15-Ds)	Pump, rotary gear, for H1 & H1 serv.-Schutte-Koerting	Exhib. making changes.	JBL
B-934 B	\$ 125.00 S39/L5	12-27-38 (12-21-Ds)	Insul., Super Unibestos- Union Asbestos & Rubr. Co.	Underway.	JGO
B-940 B	Reopened S48-24(DYs-2)	2-20-41	Valves, relief, constant back pres.-Klipfel Mfg. Co.	Underway as permitted.	JBL
B-969 B	-- QP/Welding	12-28-38 (12-7-Ds)	Weld-Carb-molyb. steel stm. pipe-Proc. appr. test-Boilers- NYds, Phila., N.Y., Norfolk, Pug. Sd. & Maro Island.	Reports E-L sub.	BR
B-1016 B	-- S39/L5	4-23-38 (4-19-Ds)	Insul., blanket, turbine- Fiberglas brand- Owens- Corning Fiberglas Corp.	Underway.	JGO
B-1046 A	Reopened JJ46-6/L5	3-3-41 (8-27-Ds)	Metals, Alum. alloy cast 2nd lot- Frontier Bronze Corp.	Underway 50%	WCS

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B-300 B	-- S43-2/L5 (4-3-Ds)	5-18-38	Bearing matl.-The Amer. Brake Shoe & Foundry Co.	Continuigg.	JBL
B-375 B	-- Reqn. EN8/2/79601.	5-4-38	Evaporators, Kleinschmidt vapor compression type distilling plant.	Underway.	JBL
B-386 B	\$ 300.00 S41-3/S82/L5 (5-16-Ds)	6-8-38	Couplings, flex.-Thomas Flexible Coupling Co.	Service test underway.	JBL
B-398 A	-- S39/L5 (12-18-Ds)	12-27-37	Insul., cement, water-proof coat.-INSULKOTE & EAGLE INSULSEAL- J.Manville Corp. & Eagle-Picher Co.	Report in prep.	JGO
B-401 B	-- QP/Welding/L5(6-9-Ds)	6-27-38	Weld- Columium bear.4-6% Cr-Mo steel (0.50% Mo)	Matl.on hand.	BR
B-402 B	-- JJ33/L5(4-15-Ds)	6-18-38	Pack., Gaskets, spiral wd. metal.asbes.-Azor Corp.	Awaiting new matl.	JGO
B-403 B	-- DD415/20/S48(6-10-Ds)	6-21-38	Radiators, steam heating- sub.by NYd, Boston.	Underway as oppor. pcrmits.	JBL
B-432 B	-- S48-24(R)/L5(6-17-Ds)	6-28-38	Valves, reducing- O.C.Keckley Co., Inc.	Exhib.making changes.	JBL
B-457 A	-- S48-23/L5 (3-11-Ds)	6-17-38	Compds., sealing, turbine casing, sub.by var.mfrs.	Rep.J sub.; K&L in prep.- Cont'g.	JGO
B-458 A	-- S48-23/L5 (3-1-Ds)	6-17-38	Compd., sealing, thread joints, sub.by var.mfrs.	Rep.I sub.; J&K in prep.- Cont'g.	JGO
B-466 B	Reopened S39/L5(1-30-Ds)	2-4-39	Insulation, Rockwool, im- proved TUCOWUL- Tuco Co.	Underway.	JGO
B-490 B	-- QP/Welding/L5 (6-29-Ds)	7-19-38	Weld.electrodes, Phos-Br- Edco Process- Eccles & Davies Machy.Co.	Report in typing	BR
B-562 B	-- S19/L5 (8-2-Ds)	8-16-38	Coatings, NO-OX-ID-IZED reenforced fabric wrapper- Corros-prdv.cov.for propell. shafts- Bearborn Chem.Co.	Underway 80%	WCS
B-585 B	\$ 250.00 Reopen.S43-2/L5(5-12-Ds)	6-22-39	Ball bearings- Bearings Co.of America.	Matl.for retest not recd.	JBL
B-591 A	-- Bueng.	Oral	Engine, 2-cyl.commercial Diesel-Devel.for use as 150-hp powerboat engine.	Deferred for Test B-2793.	WFJ
B-592 B	\$ 250.00 S48-24(R)/L5(8-16-Ds)	8-29-38	Valves, rcd., Cl."ca" and "d"- Atlas Valve Co.	Exhib.making changes.	JBL

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9898 B	--	12-31-37 S47/L5-2(12-10-Dx)	Seals, rotary pump and turbine shafts- Inves., development & test of.	Underway. Extend. inves. Rep.B manuscript completed.	JBL
9977 B	--	2-10-38 S44(1-21-Ds)	Welding of manganese-bronze propellers.	85% completed. Continuing.	BR
B-6 B	--	9-22-37 JJ32/L5 (9-16-Ds)	Insul.cement, hard-finish Prep. by EES- Var.mfrs.	Report in prep.	JGO
B-7 B	\$ 175.00	1-4-38 JJ33/L5(12-29-Ds) 1-21-38 JJ33/L5(12-29-Ds)	Pack., Sea-Ro Nek-Seal, Style 5051 & Sea-Ro Super-heat Spiral Style 503-Sea-Ro Packing Co., Inc.	Rep.C sub. Final rep.in prep. June 15.	JGO
B-42 B	--	2-28-38 JJ/Solder(2-23-Ds)	Solder, silver, medium temp. (Cadmium silver).	Underway 50%.	WCS
B-108 B	--	3-15-38 JJ7-3/L5 (12-3-Ds)	Pumps, f.o.-Effect of low viscosity on capacity.	Rep.A sub.- Underway as oppor.permits.	JBL
B-146 B	--	4-2-38 QP/Welding/L5 (3-31-Ds)	Weld- Effects of arc length on properties of Ni-Cu alloy and pure nickel.	Rep.A sub. Await.add.matl.	BR
B-161 B	--	4-7-38 JJ33/L5(3-2-Ds)	Pack., valve stem, QP self-setting- Q-P Signal Co.	Underway.	JGO
B-186 B	--	4-13-38 QP/Welding/L5 (4-12-Ds)	Weld.-Mouldough Powder-for use as backing matl. Metal Bond Mfg.Co.	Underway. Prelim. test completed. Report in prep.	BR
B-190 B	--	4-13-38 JJ33/L5 (4-5-Ds)	Pack., plastic met., Type C&R EDS 33P25A- Linear Packing & Rubber Co.	Underway. Partial rep.sub.	JGO
B-220 B	\$ 200.00	4-22-38 Reopen.S48-23/L5 (3-4-Ds)	Traps, thermostatic- Sterling Engineering Co.	Completed. Rep.in prep. 15 June.	JBL
B-267 B	--	4-29-38 S48-23/L5(3-22-Ds)	Separator, steam- Dri-Steam Valve Sales Corp.	Exhib.to submit new valve.	JBL
B-278 B	--	5-7-38 JJ33/L5(5-2-Ds)	Packing, plastic, non-graphitic- Various mfrs.	Final report in prep.	JGO
B-280 B	--	4-20-38 S39/L5 (4-22-Ds)	Insul., 85% magnesia-formed flanged covers- Plant Rubber & Asb.Wks.	Report in prep.	JGO
B-288 B	Reopened	2-27-41 JJ46(17) (DYS,Dw)	Weld- Hard-facing rods #10 for gas weld., etc.- Suit.of- Coast Metals, Inc.	Report in prep.	BR
B-298 B	--	5-13-38 JJ46-1/L5(4-13-Ds)	Metals- Creep test of- Ferrous- Timken Co.	Underway 75%. Weld.test underway. Met.Rep.in T-2668	WCS

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9360 B	-- QP/Welding/L5(5-21-Ds)	7-19-37	Weld- Inves.of silver brg. non-ferrous rods & electr. Amer.Silver Prod.Res.Proj.	Report in prep.	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
9421 B	-- S51(6-25-Mh)	7-6-37	Tubes,boiler- Failures- Misc.samples from Bueng.	Indefinite.	WCS
9443 B	-- JJ33/L5(7-28-Ds)	8-4-37	Pack.,plas.met.Sym.1432- & 1434- Anchor Pack.Co.	Underway. Indef. Partial rep.sub.	JGC
9550 B	-- JJ14/L5(9-10-Ds)	9-10-37	Grease,lubrication- Investigation of.	Underway. Indefinite.	JGC
9564 A	-- S62-2(V)/L5(9-3-Ds)	9-24-37	Bearings, Micarta- Westinghouse E&M Co.	Add.tests being made.Prel.rep.made.	JB1
9604 A	--	Oral	Gears, reduction- Moisc tests on ships.	Continuing.	JB1
9685 B	-- S39/L5 (10-6-Ds)	10-20-37	Insul.,pipe & flg.covers- Unibestos- Union Asbestos & Rubber Co.	Final rep.in prep. 1 June.	JGC
9703 B	-- S39/L5 (10-20-Ds)	11-8-37	Insul.,glass wool,for in- takes,boilers & casings- Owens-Illinois Glass Co.	Report B sub. Rep.C in prep.	JGC
9725 A	-- S44/L5 (10-19-Ds)	11-3-37	Propellers- Determine suitable materials for.	Formal rep.sub. Continuing.	WCS
9734 B	-- QP/Welding/L5 (11-13-Ds)	11-17-37	Welding- Weldability of iron alloys.	70% completed. Await.add.matl.	BR
9790 B	-- QP/Welding/L5(11-30-Ds)	12-6-37	Weld-Inves.to deter.suit. of root & face bends to qual.welders to work with Ni-Cu,Cu-Ni,C-Mo steel & Mg-Br with Phos-Bronze.	Completed. Report in prep.	BR
9803 B	\$ 85.00 S87(A)/L5 (11-12-Ds)	12-9-37	Thermometer,dist.reading dial- U.S. Gage Co.	Compl.& Rep. Await.finan.adj.	JB1
9865 B	-- L1-2/MP16 (8-2-D1)	12-3-37	Piping,valves,fittings & joints for use with Freon refrigerant- Inves.of	Rep.C sub. Final Report in prep.	JB1
9883 A	Reopened JJ33/L5 (12-28-Ds)	5-15-41	Packing,raskets-Flexitallic reenforced type-Flexitallic Gasket Co.	Continuing.	JGC

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DESCRIPTION			
U. S. Naval Engineering Experiment Station - Monthly report of tests - May 1941			

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

Report of tests for month ending May 31, 1941

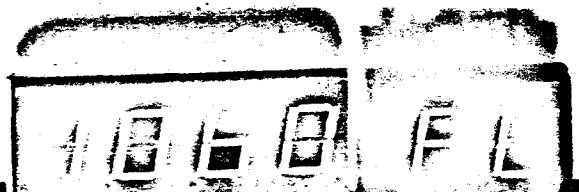
7619 A	-- CAR S53; Eng. S53(10-28-Ds)	11-14-35	Blowers, f.d.-Sound absorption methods for.	Continuing.	JBL
7698 B	-- S81-1(12-12-Ds)	12-19-35	Photomicrographic standards- Non-ferrous.	Stds. being collected when available.	WCS
7699 B	-- S48-23/L5(11-20-Ds)	12-12-35	Unions, forged steel.	Report made. Continuing.	WCS
7764 B	Reopened JJ46-2/L5(1-8-Ds)	1-23-37	Bushings, Beryllium-Copper-Beryllium Products Corp.	Underway 30%. Test mach. being modified.	WCS
7773 B	-- L1-2/NP16 (6-4-Ds)	12-3-35	Governors, pres. & Valves, reducing- Inves. of matl. 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.	Indefinite	JBL
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.	Awaiting Bureau's action.	JBL
8089 A	-- S48-24(R)/L5(3-21-Ds)	5-8-36	Valves, pres. reducing- Operation of in series.	Indefinite	JBL
8103 A	-- S48-23 (5-14-Ds)	5-14-36	Joints, pipe- Maintaining tightness with steam at 600#, 750°F. temp.	Rep. C made. Recomm. cont'g. along diff. lines.	WCS
8561 B	-- CA57/S58 (6-20-Ds)	10-27-36	Pack., compressed ashes. sheet- Inves. to develop meth. of test- Var. exhib.	Extended. New sample being submitted.	JGO
8732 B	-- S39/L5 (10-26-Ds)	11-12-36	Pack., asb. cloth, plain & wire reinforced- Var. mfrs.	Report in prep.	JGO
8833 B	-- JJ33/L5 (2-9-Ds)	2-10-37	Pack., Sym. 1104- Tests of Determine max. & minimum lubrication required.	Report in prep.	JGO
8865 B	-- QP/L5 (12-17-Ds)	2-20-37	Tubes, condenser- Tests in experimental condensers.	Extend. inves. Con. reinstalled. Underway.	WCS
8866 B	-- JJ33/L5 (12-22-Ds)	1-13-37	Pack., Gaskets, manhole- 555 Guardian brand- Garlock Packing Co.	Underway.	JGO
9867 B	-- JJ33/L5 (12-22-Ds)	1-12-37	Pack., plastic met. & non-metal. Sym. 1106, 1107 and 1434- Garlock Pack. Co.	Underway. Indef. Partial r.p. sub.	JGO

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DESCRIPTION U. S. Naval Engineering Experiment Station - Monthly report of tests - May 1941.			

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

List of tests reported during month ending May 31, 1941

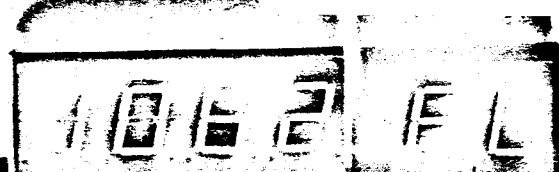
<u>Test No.</u>	<u>May</u>	
9386 JGO	13	Packing, braided asbes. impregnated with copper compound, for use on corrosion resisting steel shafts- Developmd and sub. by United States Steel Corp., mfg. by Johns Manville Co.- Considered unsuit.
B-560 WCS	29	USS HELENA- Cont. NOs-55897- Diesel generator sets- Exam. of engine cylinder liner- Fairbanks, Morse & Co.- See report for recommend.
B-1158-G JGO	7	Stability of sodium thiosulfate solutions for use in dissolved oxygen testing cabinets- No recommendations.
B-1181-I JGO	1	Lubricating oil- Samples of used extreme pressure oil taken from No. 3 unit of USS ASTORIA- No recommendations.
B-1387-AB JGO	12	Oil filters- used oil from U.S. Coast Guard cutters- Satisfactory for further use.
B-1471 JBL	1	Yarway impulse steam trap with integral strainer- Considered suitable for use.
B-1684-D JGO	7	Boiler water treatment, Naval Ammunition Depot, Lona Island, N.Y.- See report for recommendations.
B-1810 JBL	16	Shafts, chrome plated, for blower service- Westinghouse E&M Co., exhib.- See report for recommendations.
B-1813 JBL	21	Refrigeration regulator- Fulton Sylphon Co., exhib.- Considered suitable for Naval use.
B-2367 WCS	14	USS MEMPHIS- Boilers- Cracks in knuckles of front steam drumhead- No recommendations.
B-2706-AP JGO	16	Cont. 73606- Boiler gaskets for Jowall's Point Order #12- Garlock Packing Co., contr.- Acceptance recommended.
B-2706-AQ JGO	22	Cont. 73606- Boiler gaskets for Portsmouth, Va. Order #4- Garlock Packing Co., contr.- Acceptance recommended.
B-2706-AR JGO	28	Gaskets, asbestos, metallic cloth, for NYd, Charleston, S.C.- Cont. NOs-73606- Garlock Packing Co., contr.- Acceptance recommended.
B-2706-AS JGO	29	Cont. 73606- Boiler gaskets for Boston Order #4- Garlock Packing Co., contr.- Acceptance recommended.
B-2737-J JGO	20	Lubricating oil draining interval- Extension of- No recommendations.
B-2793 WFJ	26	Diesel engine lubricating oils and bearings - Report for April 1941.
B-2793-S-1 WFJ	29	Determination of Diesel engine crankcase lubricating oil dilution and comparative viscosity - See report for recommendations.

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		WET	10/12
ACCESSION NUMBER	BOX NUMBER	SEGMENT NUMBER	NUMBER OF PAGES
19-62A2160 Box 3/15	DL000681	11	2
DESCRIPTION U. S. Naval Engineering Experiment Station - Monthly report of tests. - May 1941.			

CRMC-M&S-003693

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

List of tests reported during month ending May 2, 1941

<u>Test No.</u>	<u>May</u>	
B-2831-499 JBL	26	Ball bearings- Cont. 251s-66832- McGill Mfg. Co.- Acceptance recommended.
B-2831-500 JBL	26	Ball bearings- Cont. 251s-66917- McGill Mfg. Co., Acceptance recommended.
B-2831-501 JBL	27	Ball bearings- Cont. F-501-19- Marlin Rockwell Corp., mfr. Acceptance recommended.
B-2831-502 JBL	29	Ball bearings- General Electric Co. Order RW-740473-89 on New Departure- Acceptance recommended.
B-2831-505 JBL	29	Ball bearings- General Electric Co. Order RW-741849-24 on New Departure- Acceptance recommended.
B-2831-506 JBL	29	Ball bearings- Brooklyn Navy Yard Cont. R-990- New Departure, mfr. Acceptance recommended.
B-2831-508 JBL	29	Ball bearings- General Electric Co. Order RW-740499-89 New Departure- Acceptance recommended.
B-2831-509 JBL	29	Ball bearings- General Electric Co. Order RW-741685-24- on New Departure- Acceptance recommended.
B-2834-E JBL	9	New York Shipbldg. Corp. Order 421-2663- Valves, pressure reducing- Leslie Co., mfr.- Acceptance recommended.
B-2834-F JBL	20	New York Shipbldg. Corp. Order 421-2190 on Leslie Co.- Reducing valves - Acceptance recommended.
B-2834-F-2 JBL	22	New York Shipbldg. Corp. Order 421-2190 on Leslie Co.- Valve, pressure reducing- Acceptance recommended.
B-2834-F-3 JBL	26	New York Shipbldg. Corp. Order 421-2190 on Leslie Co.- Reducing Valves- Acceptance recommended.
B-2835-I-3 JBL	13	Reqn. 1-40 Sundry 12645, Cont. N151s-33246- Valves, pressure reducing, for NYd, Phila.- Foster Engineering Co., mfr.- Acceptance recommended.
B-2835-M JBL	9	Cont. NOs-78434- Valves, pressure reducing- for NSD, Sewall's Point, Va.- Foster Engineering Co., mfr.- Acceptance recommended.
B-2835-N JBL	9	Reqn. L-1328-1-41- Cont. M244-s-25791- Valves, pressure reducing- for NSD, San Diego, Calif.- Foster Engineering Co., mfr.- Accop. recom.
B-2887-I JGO	7	Cont. 73858- Asbestos metallic cloth for Fremerton Order #14 and Phila. Order #10- General Asbestos & Rubber Div. of Raybestos- Manhattan, Inc., contr.- Acceptance recommended.
B-2887-J JGO	14	Cont. 73858- Asbestos metallic cloth packing for NAS, Jacksonville, Fla.- General Asbestos & Rubber Div., Raybestos-Manhattan, Inc., mfr.- Acceptance recommended.

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

List of tests reported during month ending May 31, 1941

<u>Test No.</u>	<u>May</u>	
B-2888-H JGO	28	Contract 73859- Hydraulic packing- Quaker Rubber Corp., mfr.- Acceptance recommended.
B-2889-M JGO	19	Packing, plastic metallic- for Navy Yard, Washington, D.C.- Contract 73860- Crane Packing Co., contr.- Acceptance recommended.
B-2891-P JGO	1	Packing, metallic flexible, for NYd, Charleston, S.C. #14- Cont. 73862- Felt Products Mfg. Co., contr.- Acceptance recommended.
B-2891-Q JGO	23	Cont. 73862- Flexible metallic packing- Felt Products Mfg. Co., mfr.- Acceptance recommended.
B-2892-M JGO	22	Packing, flax, for NYd, Puget Sound Order #2- Cont. NO-s-73863- Clinton Mfg. Co., contr.- Acceptance recommended.
B-2895-EO JGO	5	Packing, braided asbes. rod- Cont. 73866- Garlock Packing Co., for Navy Yard, Yakon, Flo.- Acceptance recommended.
B-2895-EP JGO	6	Packing, braided asbes. rod- Garlock Packing Co., contr.- for NYd, Phila.- Acceptance recommended.
B-2895-EQ JGO	7	Cont. 73866- Hydraulic packing for Norfolk, Va.- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-ER JGO	8	Cont. 73866- Hydraulic packing for Boston, Mass. Order #15- Garlock Packing Co., contr.- Acceptance recommended.
B-2895-ES JGO	16	Packing, hydraulic, for NYd, Mare Island- Cont. NOs-73866- Garlock Packing Co., contr.- acceptance recommended.
B-2895-ET JGO	28	Packing, braided asbes. rod- Cont. 73866- Garlock Packing Co., contr.- for Bremerton - Acceptance recommended.
B-2895-EU JGO	29	Cont. 73866- Boiler gaskets for San Diego, Cal.- Order 392- Garlock Packing Co., contr.- Acceptance recommended.
B-2896-G JGO	29	Cont. 73867- Plant fiber sheet packing for Norfolk Order #31- Johns Manville Products Corp., contr.- Acceptance recommended.
A-2912 JGO	1	Lubricating oil- Samples of new and used Essolube HD from U.S. Submarine Base, New London- No recommendations.
B-2970-46-E JGO	14	Thermometers- Cont. 106478- Manning, Maxwell & Moore, Inc., mfr.- Acceptance recommended.
B-2970-74-C JGO	13	Thermometers- Cont. 108597- Manning, Maxwell & Moore, Inc., mfr.- Acceptance recommended.
B-2970-78-B JGO	7	Thermometer- Cont. 13013- Manning, Maxwell & Moore, Inc., mfr.- Acceptance recommended.

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U.S. Naval Engineering Experiment Station -
Monthly report on tests - May 1941.

CRMC-M&S-003696

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U.S. NAVAL ENGINEERING EXPERIMENT STATION
Annapolis, Maryland

List of tests reported during month ending May 31, 1941

<u>Test No.</u>	<u>May</u>	
B-4346 JBL	26	Gage, pressure, Type B welded tube construction- Manning, Maxwell & Moore, Inc., exhib.- No recommendations.
B-4368 JGO	15	Eloth, asbestos- Symbol S/515-KFR and S/515-FR - U.S. Rubber Co.- No recommendations.
B-4375-C JGO	6	Lubricant, ball bearing, Grade B, medium- Reqn. 1-6178-S- for NSD, Sewall's Point- Valvoline Oil Co., contr.- Standard Oil Co., mfr.- Acceptance recommended.
B-4388-B JGO	12	Oil filters- used lubricating oil from, USS MASSASOIT Analysis of- See report for recommendations.
B-4388-C JGO	12	Oil filters- used lubricating oil from, USS PC450- Analysis of- No recommendations.
B-4388-D JGO	23	Oil filters- used lubricating oil from, USS PC451- No recommendations.
B-4411-I JGO	14	Plate steel- Chemical analysis of- Cont. 708-1- Bethlehem Steel Co., mfr.- Acceptance recommended.
B-4411-J JGO	19	Plate steel- Chemical analysis of- Cont. 708-1- Bethlehem Steel Co., mfr.- Acceptance recommended.
B-4411-K JGO	20	Plate steel- Chemical analysis of- Cont. 708-1- Bethlehem Steel Co., mfr.- Acceptance recommended.
B-4411-L JGO	21	Plate steel- Chemical analysis of- Cont. 708-1- Bethlehem Steel Co., mfr.- Acceptance recommended.
B-4411-M JGO	23	Steel plates and sheets- Chemical analysis of- Cont. 708-1 Bethlehem Steel Co., mfr.- Acceptance recommended.
B-4411-N JGO	29	Plate steel- Chemical analysis of- Cont. 708-1 Bethlehem Steel Co., mfr.- acceptance recommended.
B-4412-D JGO	9	Plate steel- Chemical analysis of- Cont. 433-F Bethlehem Steel Co., mfr.- acceptance recommended.
B-4413 JBL	15	2" jacket water temperature regulator- Sarco Co., Inc., mfr.- Conts. NOs-70937 and 77243- American Locomotive Co.'s P.O. M666 and N1042- Acceptance recommended.
B-4417 WFJ	22	Reliability test of General Motors Corp. Model 6-71 RC 60-kw Diesel generating set- See report for recommendations.
B-4448 JGO	1	Lub. oil and Diesel fuel- Samples taken from O.P. Engine 832031 at Fairbanks, Morse & Co.- No recommendations.
B-4451-B JBL	7	Meters, water- for USS INDIANA- Newport News SB&DD CO. Order H378-147 Buffalo Meter Co., mfr.- Acceptance recommended.