APPENDIX A

STANDARD FORM 17

FACILITIES AVAILABLE FOR THE CONSTRUCTION OR REPAIR OF SHIPS

Standard Form 17 (Rev. 9-96)

DEPARTMENT OF THE NAVY
(NAVSEASYSCOM)
& MARITIME ADMINISTRATION
Coordinator for Ship Repair
and Conversion (DOD-DOC)

FACILITIES AVAILABLE FOR THE CONSTRUCTION OR REPAIR OF SHIPS

Form Approved
OMB No. 0703-0006
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DATE

TO: *(Complete departmental address)*

SHIPYARD AND ADDRESS

INSTRUCTIONS

Forward original copy to appropriate Department of Defense Office or Maritime Administration, Washington, D.C.

BUILDING WAYS (M.L.W.)

NO. OF WAY	LAUNCHING *(X one)*		DIMENSIONS	MAXIMUM SHIP SIZE *(Ton 2,240 lbs.)*	DEPTH OF WATER		CONDITION OF WAY	CRANES SERVING WAY		
					OVER WAY END	AT DROP OFF		NO.	TYPE *(Plus hook height for bridge cranes)*	LIFT CAPACITY *(Std. tons)*
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
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		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						
		END	LENGTH	LENGTH O.A.						
		SIDE	WIDTH	BEAM						
		BASIN	DEPTH	WEIGHT						

LENGTH OF LAUNCHING RUN	DEPTH OF RUN AT M.L.W.	TIDAL RANGE *(Difference M.L.-M.H.)*	IS FIRE PROTECTION AVAILABLE ON BUILDING WAY? ☐ YES ☐ NO	IS SNUBBING NECESSARY? ☐ YES ☐ NO

Merchant Marine Act of 1936, as amended.

PREVIOUS EDITIONS ARE OBSOLETE.

SHIP'S BERTHS (Piers, Wharves, Bulkheads, Mooring Dolphins (M.L.W.))

NO.	TYPE	LENGTH (Actual and Usable)	WATER DEPTH INBOARD	WATER DEPTH OUTBOARD	HEIGHT OF DOCK	USE REPAIR AND/OR OUTFITTING	SERVICE AVAILABLE (Use abbreviations of services and units of measure notated under legend)	CRANES SERVING BERTHS, ETC. NO.	TYPE (Hook height above M.L.W.)	LIFT CAPACITY (Std. tons)
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH
		ACT.								LIFT
		USE.								REACH

DRYDOCKS (Mean HIGH Water) *(List building docks under building ways)*

DOCK NO.	MATERIAL CONSTRUCTED OF - TYPE FLOATING-(FD); GRAVING-(GD); MARINE RAILWAY-(MR)	MAXIMUM SHIP SIZE ACCOMMODATED LENGTH OA - BEAM	LENGTH OVERALL	LENGTH AT COPING (GD); ON PONTOONS (FD)	LENGTH AT KEEL BLOCKS; ON CRADLE (MR)	CLEAR WIDTH AT TOP; CRADLE (MR)	CLEAR WIDTH AT KEEL BLOCKS	DEPTH/DRAFT OVER SILL (GD)	DEPTH/DRAFT OVER FLOOR	DEPTH/DRAFT OVER KEEL BLOCKS	LIFTING CAPACITY (Ton 2,240 lbs.)

LEGEND *(Abbreviations of Services)*

Fresh water - F.W. - G.P.M. - P.S.I.
Salt water - S.W. - G.P.M. - P.S.I.
Steam - S - P/HR - P.S.I.
Air - A - C.F.M. - P.S.I.
Electric power - E-V-AC-AMP
Electric power - E-V-DC-AMP
Fire protection - FP - G.P.M. - P.S.I
Sanitary sewer - SS - Yes or No

PRINCIPAL SHOPS AND BUILDINGS

NAME OF SHOP OR BUILDING	DIMENSIONS OF SHOP OR BUILDING	MATERIALS PROCESSED *(See Note)*	LARGEST EXIT		WEIGHT OF MATERIAL OR NUMBER AND SIZE OF UNITS PRODUCED PER 8 HOURS *(See Note)*	ALL OTHER SHOPS *(List names and dimensions, include mold loft, if any)*
			WIDTH	HEIGHT		
FABRICATING						
PLATE						
SHEET METAL						
SUBASSEMBLY						
CARPENTER						
WOODWORKING						
BOAT ASSEMBLY OR MOLDING						
MACHINE						
ELECTRICAL						
ELECTRONIC						
PIPE						
GALVANIZING						
FOUNDRY						
RIGGER						

NOTE: Indicate materials as steel, aluminum, reinforced plastic, wood, plywood, sheet metal, etc.

SHOP OR YARD CRANES *(5 tons or over)*

BRIDGE TYPE				STATIONARY, RAIL OR MOBILE							
CAP. *(Std. tons)*	MAX. SPAN	HEIGHT OF HOOK	AREA/SHOP SERVICED	TYPE	CAP. *(Std. tons)*	MAX. REACH	CAPACITY AT REACH	BOOM LENGTH	HEIGHT HINGE	AREA SERVICED	HGT. OF HOOK ABOVE BASE AT OUT REACH

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MAJOR ITEMS OF MACHINE TOOLS AND EQUIPMENT *(List briefly such of the large items as will indicate the capacities of all important shops in maximum work piece size, e.g., 30' plate bending rolls, 10' plate shears, 400 ton Hydraulic press, 30' plate furnace, engine lathe 36" x 20" b.c., etc.)*

STORAGE SPACE *(Sq. ft.)* **FOR COMPONENTS AND MATERIALS** *(Less boat storage) (List dimensions for each area, plus type material stored)*

RAW STEEL STORAGE *(Sq. ft.)*	**WELDING AND ASSEMBLY** *(Sq. ft.)*

ACREAGE LEGALLY CONTROLLED		
IN USE	**DEVELOPED** *(Including in use)*	**TOTAL** *(Including undeveloped)*

EXISTING LOCAL ORDINANCES LIMITING PRODUCTIVE USE

LIMITATIONS IMPOSED BY PROPERTY ZONING CLASSIFICATION

YARD LAYOUT - PLEASE FURNISH A PLOT PLAN OF YARD OR PLANT, IF AVAILABLE.

LOCATION OF PRODUCTION FACILITIES FOR PRODUCTS LISTED IN ITEM 8 OF SF 129

ON WATERFRONT ☐ YES ☐ NO

EMPLOYMENT	CURRENT	CURRENT NO. SHIFTS	MOBILIZATION - SHIFTS	
MANAGEMENT, ADMINISTRATION				
PROFESSIONAL, ENGINEERING				
PROFESSIONAL, TECHNICAL *(All others)*				
PRODUCTION, SKILLED				
PRODUCTION, SEMISKILLED				
PRODUCTION, UNSKILLED				
NONPRODUCTION				
TOTAL				

NUMBER OF PRODUCTION PERSONNEL PRESENTLY ENGAGED IN SHIP AND/OR BOAT CONSTRUCTION ( ); REPAIR ( ).

APPROXIMATE TOTAL EMPLOYMENT OF ALL AFFILIATED CONCERNS ONLY LISTED IN ITEM 6 OF SF 129
(NOTE: An affiliate is a concern that directly, or indirectly through one or more intermediary controls, or is controlled by, or is under common control with, the reporting firm. Common ownership of stock by individuals does not in itself constitute affiliation.)

DISTANCE TO NEAREST RAILROAD CONNECTION

DISTANCE TO NEAREST AIRPORT - IDENTIFY

LARGEST CONVEYANCE AVAILABLE AND MAXIMUM DIMENSIONS OF LOAD, FOR OVERLAND TRANSPORTATION OF FINISHED PRODUCTS *(Not to exceed limitations imposed by local ordinances)*

NAVIGATIONAL RESTRICTIONS (Indicate all at M.L.W.)

MINIMUM CHANNEL TO TIDEWATER

MINIMUM HORIZONTAL AND VERTICAL BRIDGE CLEARANCES TO TIDEWATER *(Identify structures)*

LIMITING LOCK DIMENSIONS TO TIDEWATER *(Identify locks)*

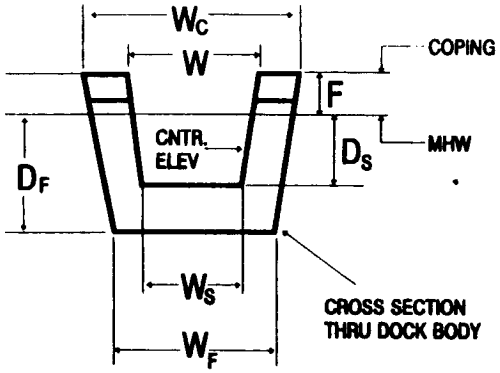
PROJECTS UNDER CONSTRUCTION WHICH WILL ALTER NAVIGATIONAL RESTRICTIONS *(Specify projects and state effect and estimated completions.)*

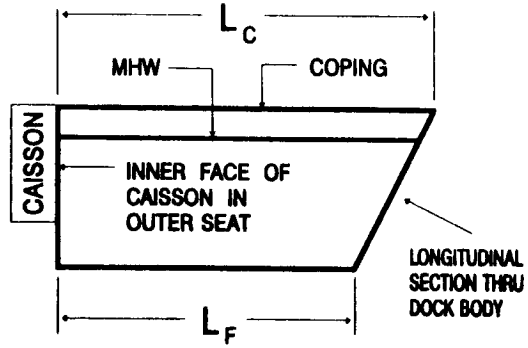
DESCRIPTION OF TYPES OF WORK NORMALLY SUBCONTRACTED

PRODUCTION EXPERIENCE *(List at least three of the largest and the most complex ships or boats constructed, indicating (1) date completed, (2) hull length, beam, and molded depth, (3) type propulsion unit (fully described), (4) horsepower, (5) electrical and/or electronic installation, (6) special piping features, (7) size and tensile strength of plates, if steel, or type hull material, if other than steel, (8) special annealing, heat treating, or stress relieving problems encountered, if steel, plus, (9) any other important problems resolved.)*
(NOTE: If no previous construction experience give detailed description of major conversion or industrial manufacturing work considered comparable to ship or boat construction.)

GRAVING DOCK CHARACTERISTICS SUMMARY

GRAVING DOCK NOMENCLATURE





KEY

- MHW - Mean High Water
- D_F - Depth of Dock from MHW to Floor
- D_S - Depth of Dock from MHW to Sill
- L_C - Length of Dock at Coping
- L_F - Length of Dock at Floor
- W - Width of Dock at Top of Entrance
- W_C - Width of Dock at Coping or maximum clear width above Dock Floor
- W_F - Width at Dock Floor
- W_S - Width of Dock at Entrance (Sill)
- F - Freeboard. Distance from MHW to top of coping. Indicate if part of Freeboard may be superflooded.

GRAVING DOCK IDENTIFIER	LENGTH		ENTRANCE DIMENSIONS			DOCK BODY DIMENSIONS				SUPERFLOODING	STANDARD DEFINITION	AVAILABLE ELECTRICAL SERVICE (SHORE POWER TO VESSEL)			REMARKS
			WIDTH		DEPTH	WIDTH		DEPTH	FREEBOARD						
	FLOOR L_F	COPING L_C	SILL W_S	COPING W	MHW D_S	FLOOR W_F	COPING W_C	MHW D_F	F		$\frac{L_C \times W_C \times D_S}{D_F}$	VOLTS	AMPS	HERTZ	(e.g. indicate dimensions of pits in dock floor)

1997 SURVEY

FLOATING DRYDOCK CHARACTERISTICS SUMMARY

FLOATING DRYDOCK IDENTIFIER	MAXIMUM LENGTH OF PONTOON	MAXIMUM DEPTH OVER BLOCKS	CLEAR WIDTH BETWEEN WINGWALLS	LIFT CAPACITY (TONS)	NORMAL KEEL BLOCK HEIGHT	AVAILABLE ELECTRICAL SERVICE (SHORE POWER TO VESSEL)			REMARKS (Indicate existence of hauling blocks, if end selection can be lowered, and max. length of ship DD can accommodate).
						VOLTS	AMPS	HERTZ	

1997 SURVEY