

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
TITLE		1. IDENTIFICATION NUMBER		
NAVIGATION AND SIGNAL LIGHTS LOCATION VERIFICATION REPORT		DI-TCSP-81023		
3. DESCRIPTION / PURPOSE				
3.1 This report will be used by NAVSEA and the Supervisor of Shipbuilding to determine if the navigation lights are properly installed. The report will identify the need for initiation of SECNAV certification that the lights are installed in closest possible compliance with the Regulations.				
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
900815	SH/56Z			
7. APPLICATION / INTERRELATIONSHIP				
7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.				
7.2 This DID supersedes UDI-E-23260 B.				
(continued on page 2)				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER
				N4978
10. PREPARATION INSTRUCTIONS				
10.1 <u>Reference documents.</u> The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notice, and revisions, shall be as specified in the contract.				
10.2 <u>Format.</u> This documentation shall provide four views (outboard profile, plan, bow and stern) of the total ship and shall illustrate the location of all navigation lights, signal lights and signal searchlights fixtures as specified by Section 422 of the respective shipbuilding specifications. All light locations shall be fully dimensioned. Dimensions shall be obtained from the measurement survey and shall be accurate to nearest one-quarter of an inch.				
10.3 <u>Measurements.</u> Measurements shall include the following:				
(a) Vertical measurements shall be from the center of the fixture's lens to the uppermost continuous deck at a position vertically beneath the location of the light and to the baseline.				
(b) Horizontal measurements shall be from the center of the fixture's lens along a line parallel to ship's centerline to the furthestmost point of the bow.				
(continued on page 2)				
11. DISTRIBUTION STATEMENT				

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**Block 7. APPLICATION/INTERRELATIONSHIP (continued)**

7.3 International Regulations for Preventing Collisions at Sea, 1972 (72 COLREGS) with amendments as published in the Code of Federal Regulations, Title 33, Part 81 (C.F.R.33 PART 81). This document may be obtained from the Sales Office of Superintendent of Documents, Government Printing Office, Washington, D.C. 20402 (telephone 202-783-3238). A copy of the Shipbuilding Specifications can be obtained from Naval Sea Systems Command Code 55Z (Mr. Howard Wildman, (703)602-0179).

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**Block 10. PREPARATION INSTRUCTIONS (continued)**

(c) Athwartship measurements shall be from the center of the fixture's lens to the centerline of the ship, along a line parallel to the mutually perpendicular axis of the vertical and horizontal measurements.

(d) Where obstruction to the arcs of visibility, as define in the 72 COLREGS are unavoidable, the obstruction angle shall be described in degrees (to the nearest tenth) and location relative to the bow.

10.4 Justification requirement for non-conforming features. Where the lights are installed at a location differing from that of section 422 of the respective shipbuilding specifications, or the contract drawings, a detailed description of the non-conforming features, including the associated Rules/Annex number contained in the 72 COLREGS (or specification requirement), and the special functions of the ship which prevent installing the light(s) shall be included.

10.5 Verification by the Supervisor of Shipbuilding that the lights installed are of the same description, location, and orientation as shown on the documentation required in 10.3 shall be included.