

1	SEQUENCE NO	T7
2	DATA DESC	Test Procedure, Vibration (Type II)
3	SUBTITLE	
4	DID NUMBER	T7A dated 8/17/01
5	CONTRACT REF	Purchase Order
6	TECH OFFICE	Follow Shipbuilder
7	DD 250 REQ'D	
8	APPRVL CODE	A
9	IAC INPUT	
10	FREQUENCY	
11	AS OF DATE	
12	DATE 1ST SUBM	NLT 45 DPTT. Test Procedures must be approved by the Buyer prior to the test.
13	DATE SUB SUBM	14 DARC
14	DISTRIBUTION	FSB 2/0 BIW(LYS) 1/0
15	TOTAL	3/0
16	REMARKS	

DATA ITEM DESCRIPTION	2. Identification	
	Agency	Number
1. Title TEST PROCEDURE, VIBRATION (Type II)	BIW/LYS (DDG)	T7A
3. Description or Purpose  3.1 Test procedures provide detailed step-by-step instructions for accomplishing each test for which the Seller is responsible.  3.2 The test procedure provides the form on which the test results are reported.	4. Approval Date  8/17/01	
	5. Office of Primary Responsibility  BIW D-40NSV	
	6.	
7. Application or Interrelationships  7.1 This data item applies whenever Vibration (Type II) testing is specified in the purchase specification and ensures agreement on the test method and processes prior to testing and preparation of the test report.	8.	
	9. References (Mandatory as cited in Block 10)  MIL-STD-167-1	
10. Preparation Instructions		
10.1 The test procedure shall provide detailed plans, procedures, and requirements for testing the equipment. Spaces shall be provided for recording test results and completion certification. The procedures shall be prepared containing (but not limited to) the following:		
<ul style="list-style-type: none"> <li>a. Title</li> <li>b. Identification number, revision and date of test procedure</li> <li>c. Identification of item(s) being tested by assembly drawing and parts list numbers and revision levels</li> <li>d. Test objectives, acceptance and rejection criteria for Vibration (Type II) and balance tests.</li> <li>e. Description of the test including how the equipment is to be operated and what loads, pressures, temperatures, flow rates, etc., will be measured.</li> <li>f. Identification of all rotating orders of vibration and the orders of vibration to be measured.</li> <li>g. Description of the test configuration, fixtures, and mounting considerations, including a sketch or diagram of the test setups showing connections and input and output conditions. Provision for recording the natural frequency of the mounting system shall be included (see paragraph 5.2.2.3.2 of MIL-STD-167-1).</li> <li>h. Detailed step-by-step test procedures, including explanation of any deviations from applicable standards.</li> <li>i. Types of data to be recorded and data sheets.</li> <li>j. Test equipment and instrumentation required, identified by make and model number.</li> <li>k. Facilities</li> </ul>		
10.2 Test procedures shall be in the Seller's format on 8-1/2" x 11" paper.		