

1. INDIVIDUAL ACCEPTANCE TESTS (IAT) ARE FINAL SELLER TESTS CONDUCTED PRIOR TO THE PURCHASER'S ACCEPTANCE TO DETERMINE THAT EACH MANUFACTURED ITEM MEETS THE PHYSICAL AND FUNCTIONAL REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS.

1.1 IAT PROCEDURES ARE TO BE PREPARED BY THE SELLER AND APPROVED BY THE BUYER PRIOR TO THE START OF TESTS.

2. IAT PROCEDURE

THE SELLER SHALL SUBMIT TO THE BUYER FOR APPROVAL FOUR (4) COPIES OF AN IAT PROCEDURE THAT INCLUDES:

- A. A COVER PAGE NOTING THE IAT PROCEDURE NO., SELLER'S NAME, COMPONENT OR PART NO., PART NAME, ETC.
- B. REFERENCES (I.E., THE PURCHASER'S SPECIFICATION NUMBERS INCLUDING CHANGE LETTER, ETC.).
- C. TEST EQUIPMENT CALIBRATION CYCLE TIME, CALIBRATION DATE, RANGE AND ACCURACY, AND SCHEMATIC OF TEST SETUP.
- D. A DETAILED TEST PROCEDURE BASED ON THE APPLICABLE PURCHASER'S PROCUREMENT SPECIFICATIONS. THE SEQUENCE OF TESTS SHALL BE PERFORMED AS SPECIFIED ON THE APPLICABLE PURCHASER'S PROCUREMENT SPECIFICATION.
- E. A COPY OF SELLER'S ASSEMBLY DRAWING, PROVIDED THAT IT HAS NOT PREVIOUSLY BEEN SUBMITTED.
- F. A SAMPLE COPY OF IAT DATA SHEET.

3. WITNESSING OF IAT

THE SELLER SHALL NOTIFY THE BUYER FIVE (5) DAYS PRIOR TO START OF TESTS.

4. ADJUSTMENTS AND REPAIR DURING IAT

- A. THE UNIT(S) SHALL NOT BE DISASSEMBLED, RE-WORKED, ADJUSTED, ETC., DURING OR AS A RESULT OF IAT UNLESS OTHERWISE

SPECIFIED.

- B. IN THE EVENT OF A FAILURE, THE BUYER SHALL BE NOTIFIED IMMEDIATELY. SUCH NOTIFICATION TO BE PRIOR TO SELLER PERFORMING FAILURE ANALYSIS AND/OR CORRECTIVE ACTION.
- C. EACH UNIT THAT FAILS TO PASS IAT SHALL BE IDENTIFIED ON THE IAT REPORT WITH THE MODE OF FAILURE AND ANALYSIS NOTED.

5. CLEANLINESS CONTROL

THE SELLER SHALL:

- A. CLEAN THE UNIT(S) TO THE REQUIREMENTS SPECIFIED IN THE APPLICABLE PURCHASER'S PROCUREMENT SPECIFICATION.
- B. ASSURE AND MAINTAIN CLEANLINESS OF THE UNIT(S) DURING AND AFTER IAT AND DURING PACKAGING AND SHIPPING PROCESS.

6. IAT DATA REPORTS (TEST RESULTS)

THE SELLER SHALL INCLUDE THE FOLLOWING DATA ON EACH REPORT:

- A. SELLER'S NAME AND ADDRESS
- B. BUYER'S PURCHASE ORDER NUMBER.
- C. COMPONENT OR PART NAME
- D. MANUFACTURER'S PART NUMBER
- E. BUYER'S PROCUREMENT SPECIFICATION NUMBER INCLUDING DASH NUMBER & REVISION LETTER.
- F. SELLER'S SERIAL NUMBER(S)
- G. SPECIFIC TESTS PERFORMED AND TEST SEQUENCE
- H. TEST FLUID MEDIA, TEMPERATURE, HUMIDITY, ETC., AS APPLICABLE
- I. TOTAL TEST (OPERATING) TIME
- J. TEST PARAMETERS AND ACTUAL RESULTS
- K. APPLICABLE CLEANING, PACKAGING AND SHIPPING DOCUMENTS
- L. SELLER AND SOURCE INSPECTION ACCEPTANCE BLOCK AND DATE
- M. REMARKS

7. IAT DATA REPORTS (SUBMITTAL)

THE SELLER SHALL PROVIDE FOUR (4) COPIES

OF IAT DATA REPORTS WITH ORIGINAL AND FOLLOW-ON PROCUREMENT ORDERS.

- A. ONE (1) COPY OF EACH IAT REPORT FOR APPROVAL PRIOR TO SHIPMENT OF HARDWARE.
- B. THREE (3) COPIES OF EACH IAT REPORT TO THE BUYER FOR DISTRIBUTION TO THE COGNIZANT ENGINEERING DEPARTMENT.

8. NOTE 1:

SELLER'S AND SELLER'S SUBCONTRACTOR PREVIOUSLY APPROVED PROCEDURES.

- 1. SELLER'S PROCEDURES FOR OPERATIONAL TESTS THAT HAVE PREVIOUSLY RECEIVED THE PURCHASER'S WRITTEN APPROVAL SHALL NOT BE RESUBMITTED FOR APPROVAL ON THIS PURCHASE ORDER PROVIDED THE FOLLOWING CONDITIONS ARE MET:
  - A. THE PROCEDURE INCLUDING REVISION, IS THE SAME AS PREVIOUSLY APPROVED.
  - B. THE PROCEDURE WAS PREVIOUSLY APPROVED BY ELECTRIC BOAT CORPORATION FOR THE SAME SERIES ORDER ("5000", "7000", OR "2000": E.G. G7151-922), EXCEPT PROCEDURE APPROVAL ON A "5000" SERIES PURCHASE ORDER, MAY BE USED ON A "3000" SERIES ORDER.
  - C. THE PROCEDURE COVERS THE SAME TYPE OF PROCESS, PROCESS SPECIFICATION REVISION, APPLICATION, AND THE SAME ACCEPTANCE CRITERIA.
- 2. WHERE SELLER ELECTS TO USE "PROCEDURES PREVIOUSLY APPROVED", ALL THE REQUIREMENTS SET FORTH ABOVE SHALL BE FOLLOWED EXCEPT A COPY OF THE PURCHASER'S VPAR PREVIOUSLY APPROVED, MEETING ALL CONDITIONS SET FORTH ABOVE, SHALL BE ATTACHED TO THE TEST REPORT.
- 3. IN THE EVENT THAT THE IAT REQUIRE-

MENTS CHANGE AFTER THE PURCHASER'S  
APPROVAL HAS BEEN OBTAINED, THE  
PROCEDURE MUST BE UPDATED AND RESUB-  
MITTED FOR APPROVAL.

NOTE 2:

APPROVAL OF IAT REPORTS MUST BE OBTAINED  
FROM THE PURCHASER PRIOR TO SCHEDULING  
OF SOURCE INSPECTION.

FOR PURCHASE ORDERS THAT ORIGINATE FROM  
NEWPORT NEWS SHIPBUILDING,  
4101 WASHINGTON AVE,  
NEWPORT NEWS, VA. 23607,  
YOU ARE REQUESTED TO FORWARD ALL UNAPPROVED SOFTWARE  
DELIVERABLES IDENTIFIED HEREIN AS FOLLOWS:

PURCHASE ORDERS WHOSE LINE ITEM "MATERIAL GROUP" IS  
IDENTIFIED AS CM-I, CM-III, CM(-), CM-A OR CM-FAC:

DEPARTMENT E89, BLDG 600/1  
ATTN: SOFTWARE COORDINATOR

PURCHASE ORDERS WHOSE LINE ITEM "MATERIAL GROUP" IS  
IDENTIFIED OTHER THAN CITED ABOVE:

DEPARTMENT E45(VCS), BLDG 600/2  
ATTN" SOFTWARE COORDINATOR

SOFTWARE DELIVERABLES PREVIOUSLY APPROVED SHALL BE  
PROVIDED AS PART OF THE HARDWARE DELIVERABLES.