

1. INDIVIDUAL ACCEPTANCE TESTS:

INDIVIDUAL ACCEPTANCE TESTS (IAT) ARE FINAL SELLER TESTS CONDUCTED PRIOR TO PURCHASER'S 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, REWORKED,  
ADJUSTED, ETC., DURING OR AS  
A RESULT OF IAT UNLESS OTHERWISE  
SPECIFIED.
- B. IN THE EVENT OF A FAILURE, THE  
ELECTRIC BOAT CORPORATION 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 IN THE APPLICABLE  
PURCHASER'S SPECIFICATION.
- B. ASSURE AND MAINTAIN CLEANLINESS  
OF THE UNIT 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 SPEC. NUMBER, INCLUDING DASH NO. AND REV. 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 THE 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 REQUIREMENTS CHANGE AFTER THE PURCHASER'S APPROVAL HAS BEEN OBTAINED, THE PROCEDURE MUST BE UPDATED AND RESUBMITTED 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, REFER TO STANDARD CLAUSE 38-4 FOR SUBMITTAL OF ALL UNAPPROVED PURCHASE ORDER SOFTWARE DELIVERABLES.