

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188 Exp. Date: Jun 30, 1986	
1. TITLE Report of Tube Failure Final Analysis		2. IDENTIFICATION NUMBER DI-MNTY-80175		
3. DESCRIPTION/PURPOSE 3.1 This data shall provide the final analysis and test methods used to analyze and determine the type and cause of microwave tube failure.				
4. APPROVAL DATE (YYMMDD) 860606	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N/NWSC-11612DA	6a. DTIC REQUIRED	6b. GIDEP REQUIRED	
7. APPLICATION / INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract. 7.2 This DID is related to DI-MNTY-80174.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER N3863
10. PREPARATION INSTRUCTIONS 10.1 <u>Contract</u> . This data item is generated by the contract which contains a specific and discrete work task to develop this data product. 10.2 <u>Content and format</u> . Content and format for the Report of Tube Failure Final Analysis shall be as follows: 10.2.1 Report shall be typewritten on metric size A4 (210 mm x 297 mm), 8-1/2 x 11 inch (216 mm x 279 mm) white paper or computer generated printout on 11 x 14-7/8 inch (279 mm x 378mm) white paper. The Government may also provide forms to be used for this report. 10.2.2 Report number shall be identical as the Government's Tube Analysis Record (TAR) number. 10.2.3 Title of Report. 10.2.4 Contract number and Contractor's name. 10.2.5 Applicable Exhibit Line Item Number (ELIN) associated with the Contract Data Requirements List (CDRL). 10.2.6 Government microwave tube serial number. 10.2.7 Government part number of failed tube.				

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10. PREPARATION INSTRUCTIONS (Cont'd)

- 10.2.8 Original manufacturer's model number.
- 10.2.9 Completion date of final failure analysis.
- 10.2.10 Confirmed failure ___ Non-confirmed failure ___.
- 10.2.11 Responsibility for failure: Contractor ___ Government ___.
- 10.2.12 Confirm warranty return: Yes ___ No ___.
- 10.2.13 Final detailed failure analysis, including type and cause of failure.
- 10.2.14 Any pertinent supporting narrative.
- 10.2.15 Failure analysis method(s) and equipment(s) used to perform analysis.
- 10.2.16 Description of specific laboratory method employed in failure analysis (e.g., X-ray, spectrographic, etc.).
- 10.2.17 Description of specific analytical method employed in identifying failure cause.
- 10.2.18 Test parameters as measured during test.
- 10.2.19 Number of hours accumulated on failed tube during analysis and/or testing (e.g., burn-in, reoptimization, etc.).
- 10.2.20 Balance of warranty still in effect upon completion of action on failed tube.
- 10.2.21 Disposition of failed tube (e.g., warranty repair, warranty replacement, etc.).
- 10.2.22 Vacuum envelope opened: Yes ___ No ___.
- 10.2.23 Difference found between preliminary and final failure analysis.
- 10.2.24 Signature of Government on-site representative and date.
- 10.2.25 Signature of originator of report and date.