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DATA ITEM DESCRIPTION - DESCRIPTION DE DONNÉES

1. TITLE – TITRE	2. IDENTIFICATION NUMBER - NUMÉRO D'IDENTIFICATION
Obsolescence Sustainment Engineering Reports	**DID 3.14**

3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET

In conjunction with LCMMs, perform system sustainment engineering efforts to monitor and correct operational sustainment problems, such as technology obsolescence, diminishing sources of piece parts, aging systems, reliability performance degradation, to prolong in-service life, modifications and support equipment obsolescence studies at depot level for systems identified in section 3.9.1.

4. APPROVAL DATE DATE D'APPROBATION	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIERE RESPONSABILITÉ (BPR)	6. GIDEP APPLICABLE D'ÉCHANGE DE DONNÉES PERTINENT
September 2020	NWSO Technical Authority (TA)	

7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE

CDRL-3.14 and SOW paragraph 3.14 refer.
This DID contains the format and content preparation instructions for the data generated under the work tasks described in the NWS O&M SOW.

8. ORIGINATOR - AUTEUR	9. APPLICABLE FORMS - FORMULES PERTINENTES
NWSO TA	

10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES

10.1 Source Document
NWS O&M SOW Section 3, paragraph 3.14.

10.2 Content and Format

10.2.1 Sustainment Engineering Reports shall be prepared quarterly and available on-line in contractor format and at a minimum include:
a. NSN or OEM part number;
b. Serial number (where applicable);
c. Parent (next higher) assembly;
d. Present status (i.e. return to service, spare, beyond economical repair (BER),under repair, awaiting parts, forwarded to ORA, etc);
e. Modification status (i.e. mods up-to-date and mod label affixed);
f. present location of part (i.e. depot stock, LSS stock, on repair line, at ORA, installed at (site)); and
g. The sustainment issue;
(1)Failure history;
(2)Description: Common LRU/SRU nomenclature;
(3)Quantity: Number of units installed per SRR;
(4)Operational Units: Number of units installed across the NWS;
(5)Spares: Number of spares on hand;
(6)Sparing Level: A calculation of the number of spares compared to the number of installed units;
(7)Percentage: Percentage of fielded units that have failed;
(8)Annual Avg: The annual failure rate average;

(9)MTBF: Mean Time Between Failure (in units of 1E6, or 1,000,000 hours); and (10)Spares/Annual Avg: A calculation of the length of time that the NWS system can remain operational before failures would begin to cause mission capability problems (assuming no repair source). This calculation is an attempt to profile the worst case life expectancy. This calculation takes into consideration the sparing level and failure rate (a hypothetical time to depletion). It should be stressed that this number is a projection based on the assumption that the failure rates will remain constant. This assumption may not be correct. 10.2.2 The Sustainment Engineering Reports shall be updated online within five (5) working days of any change.