

		National Defence Défense Nationale	Back to the DID List
DATA ITEM DESCRIPTION - DESCRIPTION DE DONNÉES			
1. TITLE – TITRE		2. IDENTIFICATION NUMBER - NUMÉRO D'IDENTIFICATION	
AVAILABILITY REPORT		DID 3.36.1	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET			
<p>The purpose of the Availability Report is to advise the NWSO TA of PME status changes from serviceable to Non-Mission Capable (Red Status).</p>			
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			
<p>CDRL 3.36.1 and SOW paragraph 3.36.1 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.</p>			
8. ORIGINATOR - AUTEUR		9. APPLICABLE FORMS - FORMULES PERTINENTES	
NWSO TA			
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES			
<p>10.1 <u>Source Document</u> NWS O&M SOW Section 3, paragraph 3.36.1.</p>			
<p>10.2 <u>Content and Format</u></p>			
<p>10.2.1 The Contractor shall provide useable radar (LRR primary and secondary, and SRR) and G/A/G radio signals between NWS sites and the Canadian Air Defence Sector demarcation point (Central Distribution Frame) 96% of the time on a monthly basis for each site.</p>			
<p>10.2.2 The Contractor shall record all PME downtime in equipment status fields of Work Orders. This portion of applicable Work Orders constitutes Equipment Status Reports (ESRs), which will be the basis of operational availability calculations. DID 5F3 lists the ESR fields required for PME downtime reporting.</p>			
<p>10.2.3 The Availability Report shall contain a PME G/A/G section and a PME RADAR section, each section is to contain an overview sheet with: Site Type, Name, % Availability, Total Mins down, Total Hours. As well, the Report shall contain a detailed report with all RED time attributable to PME availability figures, including Site Type, Name, ESR Number, Equipment, System Status, Channel Status, Downtime Codes, Delay Codes, Mins, Hrs, and whether the time is accountable or not.</p>			

10.2.4 The Contractor shall use the following calculation formula:

**DATA AVAILABILITY RATE
CALCULATION**

$$\text{Availability Rate (\%)} = \left(\frac{\text{Hours Possessed} - \text{Chargeable Downtime}}{\text{Hours Possessed}} \right) \times 100$$

Where:

Hours Possessed = Total hours in the reporting month minus Excusable Downtime.

Excusable Downtime = Downtime attributable to:

- (1) Military priority downtime;
- (2) Procurement delays directly attributable to the Government;
- (3) Unavailability of Government-furnished airlift;
- (4) Problems with equipment for which the Contractor has no maintenance responsibility, including transponder outages, BCS-F issues, and power outages in the David L. Pitcher Building (Aboveground Complex) at 22 Wing North Bay;
- (5) Design features of equipment or facilities over which the Contractor has no control, including equipment shutdown due to excessively high outside temperatures related to the AN/FPS-124 and AN/FPS-117 radars and equipment cold soak recovery exceeding five (5) hours;
- (6) Special scheduled maintenance approved by the NWS TA;
- (7) Modifications and projects approved by the NWS TA;
- (8) Scheduled downtime required by NWSO or NWSO-sponsored personnel which necessitates the removal of radar radiation hazards, including radome maintenance;
- (9) AN/FPS-117 training at FOX-M for scheduled courses; and
- (10) Awaiting the next site visit for FPS-124 outages.

Chargeable Downtime = Total Downtime minus Excusable Downtime

10.2.5 The Availability Report shall be prepared and delivered in Contractor format. The Availability Report shall be completed in cooperation with the SM Section.