

Digital Wideband Transmission System Product Improvement Program (DWIS PIP)

Description

The DWTS PIP is a three component upgrade to the fielded AN/MRC-142 Radio Terminal Set. Changes include a Shore Mount Accessory Kit (SMAK), an Uninterruptable Power Supply (UPS), and a robust multiplexer. The AN/MRC-142 SMAK will allow amphibious deployed Marines to establish a ship-shore Digital Wideband Transmission Link and the UPS and multiplexer will improve system reliability and performance.

Operational Impact

The DWTS SMAK will allow amphibious deployed Marines to establish a link with the Navy's DWTS and provide the Marine Expeditionary Unit Commander versatile ship-to-ship and ship-to-shore digital connectivity throughout the phases of an amphibious landing. Without the SMAK, a MEU Commander's communications assets are severely limited. The UPS will allow the AN/MRC-142 to continue communications in the event of a sudden loss of power.

Program Status

Milestone III was achieved in early FY01. Production and fielding are anticipated later in FY01.

<i>Quantity: SMAK</i>	<i>18</i>	<i>0</i>
<i>Multiplexer</i>	<i>18</i>	<i>400</i>
<i>UPS</i>	<i>418</i>	<i>0</i>

Developer/Manufacturer

SMAK — Contact Corporation, Sterling, VA

UPS — Acumentrics Corporation, Westwood, MA

MUX – DNE, Wallingford, CT