



Unit Level Circuit Switch Product Improvement Program

PURPOSE: To update the Deputy Commander for Combat Development on the Unit Level Circuit Switch Product Improvement Program (ULCS PIP).

GENERAL DESCRIPTION

- The Unit Level Circuit Switch Transition Switch Module (ULCS-TSM) Product Improvement Program (PIP) is Integrated Services Digital Network (ISDN)-capable system that combines multiplexing, transmission encryption, group modem and un-interruptible power supply (UPS) capabilities in one unit. The ULCS-TSM will provide improved digital switching capabilities, inter-operability with legacy TRI-TAC Systems (when stacked with the ULCS), inter-operability with the Digital Technical Control (DTC), and a switching interface with the Tactical Data Network.

BACKGROUND

- Joint Operational Requirement (JOR) for Tactical Unit Level Switches: the TRI-TAC program was initiated in 1971. Each Service was assigned responsibility to develop specific equipment that met joint requirements. The Marine Corps developed the ULCS (AN/TTC-42 and SB-3865)
- Joint Operational Requirement (JOR) for Tactical Unit Level Switches; Change 1: Approved on 15 March 1994.
- Joint Operational Requirement (JOR) for Tactical Unit Level Switches; Change 2: Approved on 19 July 1996.
- Joint Operational Requirement (JOR) for Tactical Unit Level Switches; Change 3: Approved on 22 April 1999.

ACQUISITION OBJECTIVE

- (1) TSM per SB-3865's and (2) per TTC-42's

Organization	SB-3865 Upgrade 1 for 1	TTC-42 Upgrade 2 for 1	TSM Total
I MEF	79	26	105

II MEF	75	26	105
III MEF	55	22	77
Mar Reserve	62	22	84
Supt	50	8	58
MPS	45	6	51
Total	366	110	476

PROGRAM STATUS

- Pre-MS A
- MCSC developing APB
- Completed for RDT&E in POM-02 and Will compete for PMC in POM-04
- IOC: 2nd Qtr FY04
- FOC: 4th Qtr FY05