Joint Counter Radio Controlled IED Electronic Warfare (CREW) Program

Presented during the Coalition Counter IED Summit, at the Coalition Coordination Center, CENTCOM HQ, McDill AFB in Tampa, FL, 07 February 2011

Approved for public release; distribution unlimited
Symphony Counter IED System

• Vehicle mounted programmable Electronic Counter Measures system

• Commercial-Off-The-Shelf (COTS) System

• Developed to provide effective, interoperable and non US Gov't capability to Coalition Forces and Partner Nations
Symphony Specifications

- Dimensions: 18 x 20 x 24 inches
- Weight: 136 lbs.
- Channels: 4
- 12-24VDC Operation
- Installation:
  - Most Tactical Vehicles
  - Large Commercial “SUV” Vehicles
- Operating Temperature: -20°C to 60°C
- Cooling: Conduction, Forced Air
UNCLASSIFIED

Functional Diagram

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Antennas and Additional Components

Antenna C
Antenna A/B
Antenna D

GPS Antenna

Antenna Elevation Kit

Fill Loading Device

Field Strength Meter

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Production and Support

PRODUCTION
• Prime Contractor is Lockheed Martin-
  • Division: Maritime Systems and Sensors (MS2)

• Lockheed Martin has a full production facility
  • High rate capacity facility - up to 200 systems per week
  • Comprehensive Factory Acceptance Plan (FAT) including high temperature burn in

SUPPORT
• Symphony support structure is modeled after USG CREW programs
  – Post production support includes 3 levels of support:
  • Operator level (O-level), Intermediate Level (I-Level) and Depot Level (D-Level)
  • Hardware and post-production support

• Includes team support from:
  – Lockheed Martin
  – US Government In-Service Engineering Agent
  – Forward Deployed Field Service Representatives

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Training

- Field operator training provided by Field Service Representatives
- Training designed for minimum language dependency
- Translation available
Procurement

• Symphony is sold via FMS or

• Through Coalition Loaner program in support of OEF
Points of Contact

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Questions?