

Warner Robins Air Logistics Center

AFMC

WARNER ROBINS AIR LOGISTICS CENTER



50kW and 100kW Solid State Frequency Converters

**642d
Combat Sustainment
Group (CBSG)**

**Briefer: Steven Seguin
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478-222-1832**



Combat Sustainment Wing

50kW and 100kW

Solid State Frequency Converters



- Description
- Photo
- Current State of Program
- Acquisition Strategy
- Program Requirements
- Challenges/Opportunities
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Combat Sustainment Wing

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Solid State Frequency Converters



Program Description

- 50kW/100kW Solid State Frequency Converters are stand alone, self-contained units capable of converting 50/60Hz facility power to 400Hz aircraft power
- Used to provide 400Hz power in direct support of testing/repair of aircraft avionics and communication equipment
 - Typically operated in flight-line hangars and back shops



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Current State of Program

- Purchase Request estimated submission to Contracting late Nov 08
- Estimated release of solicitation in Mar/Apr 2009
- Estimated award Aug 09



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Acquisition Strategy

- FY09 funding (First Article Only)
- 6 -Year Requirements Contract
 - 2 Year Basic and 4 options
- Procured Using Purchase Description
 - Contractor In-Plant Testing Completed 310 Days (~10 mon) ARO
 - Aircraft Compatibility Tests Completed* 500 Days (~1yr 4 mon)ARO
 - User Operational Test Report Approved 560 Days (~1 yr 6 mon) ARO
 - First Article Approval 600 Days (~1 yr 8 mon) ARO
 - First Order Dropped APR 2011
- **First Production Deliveries begin-180 Days (~6 mon) after FA approval**

* Approved 70% T.O. required for User Operational Testing



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Program Requirements

	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
50kW (Qty)	2	0	30	75	75	75
100kW (Qty)	2	0	15	35	35	35



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Challenges/Opportunities

- Funding Issues
 - Dollars projected based on Market Research
 - FY09 funding available; out years are being POM'd by AFMC, AFR, ANGB beginning in FY11
- Performance
 - Qualification of new vendor
 - Successful completion and acceptance of First Article
 - Completion and acceptance of OT&E/DT&E, Tech Data and Provisioning



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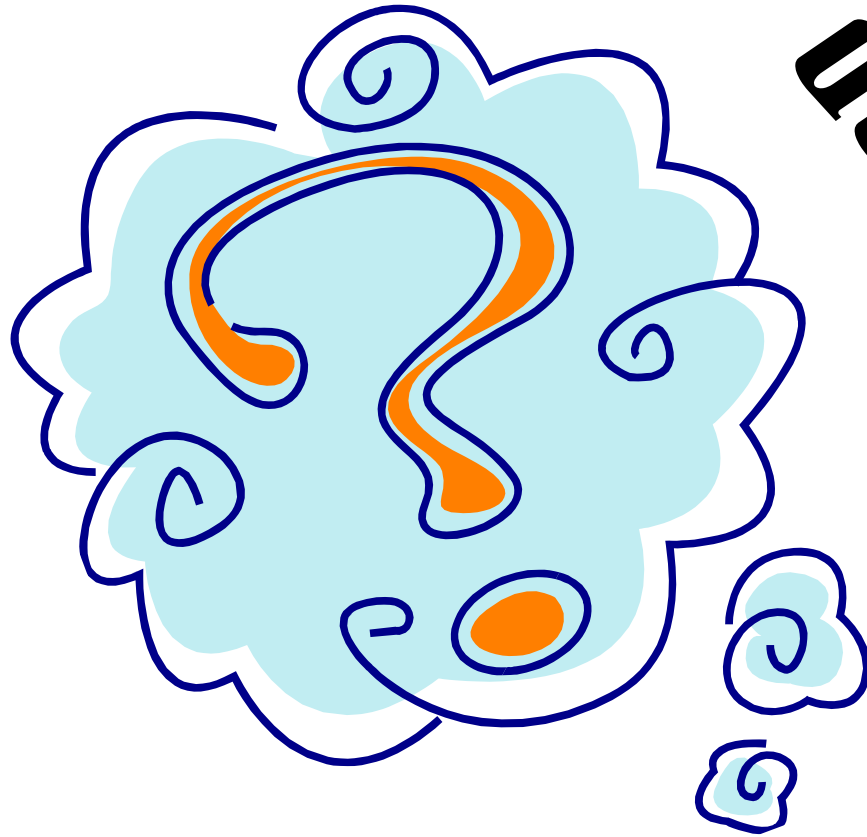
Government Focal Points

- Program Manager – Steven Seguin
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 - Phone: (478) 222-1832
- Contracting Officer – Suzanne Cole
 - Email: Suzanne.Cole@robins.af.mil
 - Phone: (478) 222-1916
- Engineer – Robert Griffin
- Equipment Specialist – Alan Richards
- Inventory Mgt Spec. (IM) – Ruby Rios



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QUESTIONS?