



USMCC - RCC/SPOC Communications

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USMCC - Communications

- USMCC Communications Setup
 - Each organization that the USMCC communicates with is considered a *communication site (com site)*
 - Each com site has one or more *communication paths (com paths)*
 - Each com site receives a unique set of message sequence numbers



USMCC – USCG RCC Communications

- The USMCC currently has 5 com paths configured for each USCG RCC
 - 4 Secure FTP over Verizon Private IP (PIP)
 - 2 USMCC FTP servers and 2 USCG FTP servers
 - 1 via FAX
 - The USMCC can deliver USCG RCC messages to different USCG servers



USMCC – USCG RCC Communications

- The USMCC:
 - Delivers messages to one of two of its own FTP servers
 - An automated USMCC relay process on the FTP server detects the message and delivers it to the designated USCG FTP server
- The USMCC selects the:
 - FTP server to deliver alert messages to
 - USCG FTP server to deliver alert message to
- USCG C3CEN selects which USCG server is primary



USMCC – AFRCC Communications

- The USMCC currently has 2 com paths configured for AFRCC
 - 1 via The Aeronautical Fixed Telecommunication Network (AFTN)
 - The USMCC can relay messages in to the AFTN through an operations center in Atlanta (primary) or Salt Lake City (secondary)
 - A problem sending via AFTN may be due to a problem sending to the FAA site, a problem with the AFTN network, or a problem at the AFRCC.
 - 1 via FAX



USMCC – SPOC Communications

- The USMCC currently delivers alert messages to 12 SPOC com sites
- SPOCs use a variety of different com paths
 - Most SPOCs use AFTN and FAX
 - Some SPOCs have a VPN com path and a FAX com path
 - Some SPOCs only have a FAX com path



Responsibilities

- The USMCC is responsible for:
 - Maintaining the USMCC hardware and software
 - Maintaining the Verizon PIP circuits involved
 - Delivering the alert messages to the correct USCG FTP server
- The RCC/SPOC is responsible for:
 - Maintaining the RCC/SPOC com servers
 - Retrieving the alert messages from the com servers
 - Maintaining RCC/SPOC hardware and software such as SAROPs

USMCC- RCC/SPOC Communications



Questions?