



ONR Partnership Conference

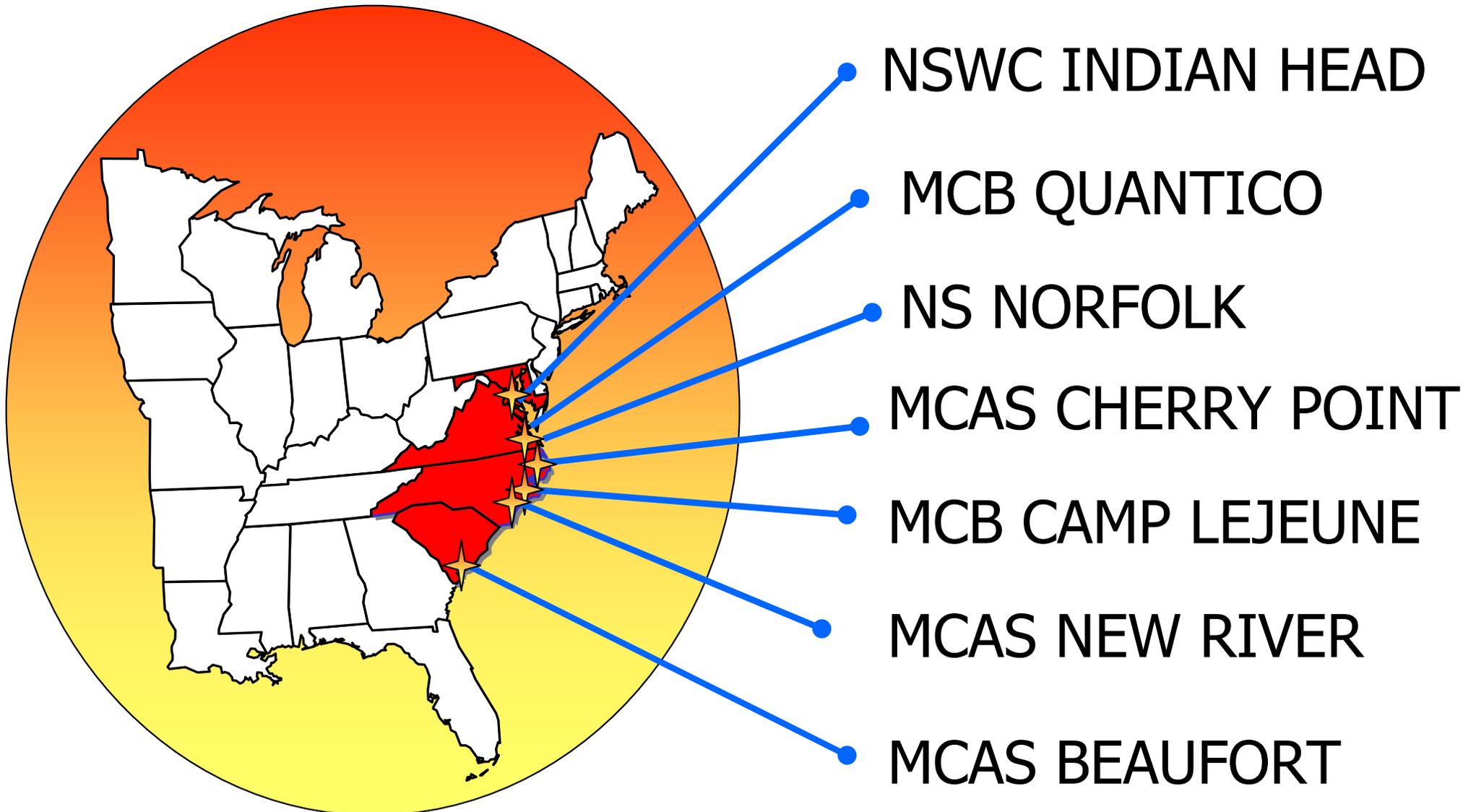
II Marine Expeditionary Force
Science Advisor

Sonja Rodriguez

5 Aug 2004



II MEF BASES AND STATIONS



(5)



MARINE EXPEDITIONARY FORCE (MEF)



COMMAND ELEMENT

(46,262)

GROUND COMBAT ELEMENT (GCE)

**2D MARINE
DIVISION:**
3 X INFANTRY REGT'S
AAV BN (207)
ARTILLERY REGT (72)
LAR BN (114)
TANK BN (58)
CBT ENGR BN
RECON BN

AVIATION COMBAT ELEMENT (ACE)

2D MARINE AIR WING:
7x VMFA SQDN (84 F/A-18)
4x VMA SQDN (48 AV-8B)
4x VMAQ SQDN (20 EA-6B)
1x VMGR SQDN (12 C-130)
6x HMM SQDN (72 CH-46)
2x HMH SQDN (32 CH-53)
2x HMLA (54 AH-1W/UH-1N)
MACG, MWSG, 2D LAAD BN

COMBAT SERVICE SUPPORT ELEMENT (CSSE)

**2D FORCE SERVICE
SUPPORT GROUP:**
H&S BN
SUP BN
MAINT BN
ENG SPT BN
TRANS SPT BN
MEDICAL BN
DENTAL BN

(21)

CCI Title: Joint C4I

Problem Description:

- Multiple systems such as Maneuver Control System (MCS), Air Defense Operations Center System (ADOCS), Force XXI Battle Command Brigade and Below System (FBCB2), Blue Force Tracker) caused the small battalion and brigade staffs to expend much of their limited manpower to converting data from one system to the other
- Security Constraints
- Interoperability between all Services and Coalition partners

Capability Desired:

- Long Term vision towards interoperable Joint C4I system/applications
- Standard for digital connectivity that allow adjacent units access to the same information

Command POC

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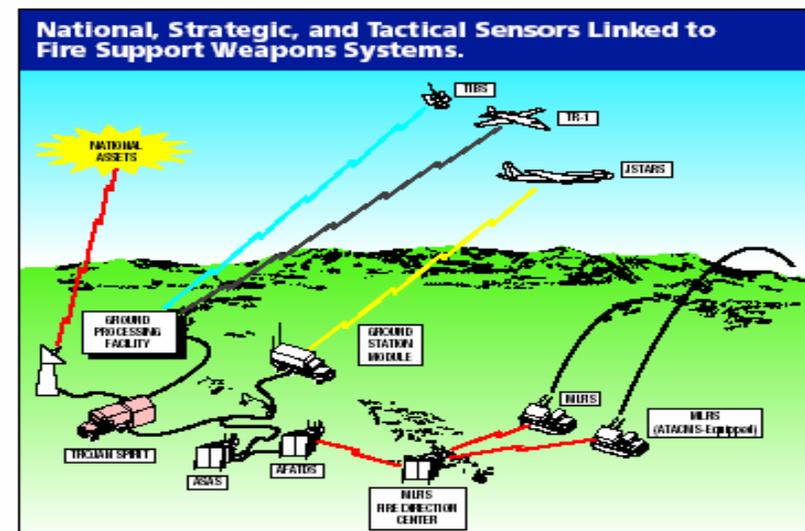
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Examples:



CCI Title: ISR

Problem Description:

- Not enough assets
- Intel focus vs Current Ops
- Too many data sources and not enough analysts or time to disseminate info

Capability Desired:

- Ability to streamline data sources and disseminate info in a timely manner
- Ability to share info between Services, Units, Staff Sections, etc.

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Examples:



CCI Title: IED Protection

Problem Description:

- Detect
- Disable
- Vehicle Hardening
 - Coatings vs Plates
- Personnel Protection

Capability Desired:

- Technologies that identify and counter IEDs.
- Stds for Vehicle Hardening & Personnel Armor
- Lighter weight and hot weather requirements

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Examples:



CCI Title: Language Translation

Problem Description:

- Linguist Availability & Technology Support
- Language Needs for other than CENTCOM AOR.
- Interrogations, Civilian Affairs, I/O, SIGINT, Force Protection

Capability Desired:

- Technologies that provide force multiplier capability
- Voice Recognition, Light, User Friendly, Ruggedized
- Custom Languages

Command POC

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Examples:

