NATO Joint Electronic Warfare Core Staff (JEWCS)

A History of Transformation
Joint EW Core Staff

• MEWSG early roles
• Transformation to NATO JEWCS
• Command Structure
• Staff Structure
• JEWCS Involvement
• JEWCS Tasks and Outputs
• Capability Upgrades

1990: Name is changed to Multi-Service EW Support Group

1992: Land Detachment become operational in Anzio, Italy.

2003: MC0486 NATO EW Core Staff (NEWCS) Concept approved by SHAPE
AIM: To centralise NATO EW functions to best address Joint concerns, while producing no increase in ACO EW manpower requirements.
JEWCS - Background

2005: NAC approval of Implementation Plan (CONOPS Oct 05)

2006: Land Det (Anzio, IT) and NEDB (Norfolk, VA) personnel move Jul 06

2006: IOC - NAC decision to Activate NATO JOINT EW CORE STAFF (soon renames JEWCS)

2008: Scheduled FOC (July) – partial achieved due to manpower shortages
Command Relationships

NATO HQ

- SACT HQ SACT
  - JFC B
  - MCC N

- SACEUR SHAPE
  - JFC N
  - JC L

NATO MEWSG

Training/Policy

Command & Co-ord
Command Relationships

NATO HQ

SACT
HQ SACT

SACEUR SHAPE

COS SHAPE
DCOS OPS

ACOS J3

JFC N
FJC B

ISAF
KFOR

MCC N

Admin Spt J1/J4/J6/J8

Training/Policy

Command & Co-ord

Operation/Exercise

NATO UNCLASSIFIED
Command Relationships

NATO HQ

SACEUR SHAPE

COS SHAPE

DCOS OPS

ACOS J3

ISAF

KFOR

JFC B

JFC N

JC L

NATO UNCLASSIFIED
Current EW Tasks within ACO were reviewed and temporarily reassigned in order to maintain coverage of important EW issues. The following organizations are assigned OPR for the respective tasks.

**NATO Joint Electronic Warfare Core Staff (JEWCS):**
- NEWAC Plenary Attendance as SHAPE/ACO representative
- Responsible for EW ACO Directives
- (AD 80-83, AD 80-35 and AD 80-19)
- NEWFIP/NATINADS training budget
- ISAF EW Review
- KFOR EW Review
- EW Capabilities Package
- ACO EW Conference

**JFC Brunssum:**
- NATO Joint Electronic Warfare Course (N3-21)
- NATO Operational Electronic Warfare Course (N3-22)

**SHAPE J2: SEWOC/MC515**
New JEWCS Organization

DJEWCS

Deputy

Operation

Ops Supp

Tech

Admin
New JEWCS Organization

DJEWCS

Deputy

Operation

Ops Supp

Tech

Admin

Training & Operation
New JEWCS Organization

DJEWCS

Deputy

Operation

Ops Supp

Tech

Admin

Reachback
New JEWCS Organization

DJEWCS

Deputy

Operation

Ops Supp

Tech

Admin

Maintenance
Mission Statement

JEWCS is responsible for providing NATO with EW expertise, support and training for Operations and Exercises.
Grouping these tasks together based on SACEUR priorities:

1. Support to Operations / NRF includes:
   - Training
   - NATO JEWCS DB (assisting initial EOB production)
   - Provision of EW expertise
   - Evaluation of EW activities
   - Developing EW/SIGINT relationship

2. Supporting EW experimentation

3. EW Databases

4. Support SHAPE Defense Planning
   Develop EW Elements of CJSOR/Force Proposals & Goals
   Support EW policy, doctrine & concepts
NATO JEWCS
EW Assets
VANs

NEWVAN

Mini NEWVAN

TRACSVAN

Mini TRACSVAN

MIJA
PODs

- 8x SIMULATOR
- 24x JAMMER
Stimulators

SHORAD RF

Mallina UV
Adapting EW Capabilities to meet the threats of tomorrow

Roadside bomb  IR-Threat  NAV-WAR

Joint EW Core Staff 2010 Capabilities to Replace:
Replace current range of EW training equipment ~ 25 years old with equipment which is:

- Smaller/more mobile
- Sea-deployable
- Standardized prime movers and shelters
- Modularized (tailor-to-task)
- State-of-the-art EW capabilities
- Conventional and asymmetric warfare
- Flexible to meet new requirements
CP Activities & Challenges

- Updating User Requirement Documents (Drafted in 2004 at start of CP process!)
- Identifying to what extent new requirements (asymmetric threats) are in scope of the CP and JEWCS Mission
- Maintaining current equipment in face of increasing obsolescence and minor O&M funded upgrades to maintain capability
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>NAC approved of CP achieved (€130M)</td>
<td>11/07</td>
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<tr>
<td>Notification to Nations of intention to invite bids</td>
<td>08/08</td>
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<tr>
<td>and circulation of draft requirements</td>
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<tr>
<td>Detailed specification study leading to TBCE</td>
<td>12/08</td>
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<tr>
<td>Submit TBCE for approval</td>
<td>02/09</td>
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<tr>
<td>NAC Approval of TBCE</td>
<td>07/09</td>
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<tr>
<td>Issue Invitation to tender</td>
<td>08/09</td>
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<tr>
<td>Identify Winning Bid</td>
<td>01/10</td>
</tr>
<tr>
<td>Contract Award</td>
<td>05/10</td>
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<tr>
<td>Full Capability delivered</td>
<td>12/13</td>
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Conclusion

• JEWCS supports NATO while only Partial FOC
• JEWCS leading NATO in Joint integration of EW
• JEWCS Primary Focus is on support to Operations and NRF Training
• JEWCS restructuring to meet transformation of NATO
• Capability Package delivery vital to JEWCS continued support to NRF Training