NATO Exercise Centers

[22 JUNE 2016]

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NATO/PfP/MD/ICI UNCLASSIFIED
Agenda

- NATO and NATO Training Centres
- JWC –
- JFTC –
- CAX – role of M&S
- NATO CAX Support Perspective and Tools
NATO’s Military Structure

Military Committee

SHAPE

JFC Brunsum
JFC Naples
CIS Group

Strategic

AIRCOM Ramstein
MARCOM Northwood
LANDCOM Izmir

Operational

CAOC Uedem
CAOC Torrejon
DACCC P.Renatico
STRIKFORNATO Portugal

Component

Tactical

ACO

JFC Naples
NATO Communications and Information Agency
STO
NATO School

Tactical

NCS

EUROCORPS Strasbourg
NRDC-S
NRDC-GE/NL Munster/Eibergen
ARRC Gloucester
NRDC-T Istanbul
NRDC-I Solbiate
NRDC-G Thessaloniki
NFIU

Tactical

NFS

Sofia, Tallinn, Riga, Vilnius, Bydgoszcz, Bucharest

Tactical

ACT

HQ-SACT

JWC
JFTC
JALLC

ACT

CMRE
NATO Support and Procurement Agency

NATO Standardization Agency

NATO CoE

NATO Defense Col
Mission of the Training Centers

The Joint Warfare Centre (JWC) Stavanger, Norway
- Conduct training of joint and combined staffs;
- Support ACT in concept and doctrine development;
- Conduct experimentation and assist in the development of new technologies, modeling and simulation;
- Improve interoperability and integration of NATO forces;
- Support further through JFTC (see below) and JALLC.

The Joint Force Training Centre (JFTC), Bydgoszczc, Poland
- Conducts joint training for tactical level command posts and staffs in support of tactical level commanders;
- Supports training for NATO and Partner forces to improve joint and combined tactical interoperability;
- Assists ACT in the promotion of NATO doctrine development in order to improve NATO’s capabilities and interoperability.
JWC and JFTC

Joint Warfare Centre Responsibility
Supported by JFTC

Joint Force Command
- CJTF HQ
- DJTF HQ

Component/Tactical Commands
- Land
- Maritime
- Air
- Psy Ops
- Spec Ops

Joint Force Training Centre Responsibility
Supported by JWC

STAFF TRAINING

NATO Response Force / Combined Joint Task Force
Computer Assisted Exercise
and/or
Live Exercise

NATO Response Force
Live Exercise

Joint Force Training Centre Responsibility
Supported by JWC

NATO Response Force Preparation

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The Customer: Allied Command Operations

- NATO/PfP/MD/ICI
- UNCLASSIFIED

- Allied Command Operations
- Joint Force Command Brunssum
- SHAPE
- MC Northwood
- JFTC
- JWC
- AC Ramstein
- Uedem
- Renatico
- Joint Force Command Naples
- Torejon
- STRIKFORNATO
- LC Izmir
JWC CAX Support Branch

CAX Support Branch

Team A
Chief Engineers

Team B
Chief Engineers

Team C
Chief Engineers

Team D
Chief Engineers

Planning

Planning

Planning

Planning

Execution

VJTF, NRF certification, S/MJO, CWIX, etc.
JWC Infrastructure

Dining Facility

Headquarters

Auditorium,

Norway

Trondheim

Alesund

Trollstigen

Hessdalen Valley

Geirangerfjord

Jotunheimen

Bergen

Sognefjorden

Haugesund

Oslo

Stavanger

Fredrikstad

Kristiansand

300 Kilometers

300 Miles

NATO/PfP/MD/ICI UNCLASSIFIED
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JWC CAX Activities Overview

• NRF Certifications 3/4 x year (2000 pax per event)
  • EX Preparations and Executions
  • Scenario Development
• Education, Training, Exercises, Evaluation (ETEE COI) Chairmanship Role* for NATO
• Current and Future M&S Collective Training Solutions
• NATO JTLS Custodianship role

*N In progress
WGB Capabilities Overview

JFTC WGB involvement in a Training Event

Situational awareness and exercise flow control

Realism, time and space consistency

Realism through live ISR feeds (PTDS/UAV)

TRAINING AUDIENCE

Observer/Trainer mobile device

Virtual Role Playing

EXCON

VBS3

EXCON

EXCON Business Applications COP - SA

EXIS: Exercise Information Service

Units – Hodings – Story Lines – Events – Shared Layers - Plans
Web Service SOAP - REST

EXCON COM

Dashboard

EXCON

Link-16, NFFI, ICC Update, Formatted messages

EXCON

Observer/Trainer mobile device

Virtual Role Playing

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VBS3

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Virtual Role Playing

EXCO
WGB Activities Overview

• Resolute Support Training Events / 4 x year
• CFI development and technical implementation
• CWIX Modelling and Simulation Focus Area activities
• NATO JCATS Custodianship role
• Preparation for the execution of Trident Joust 16 as a first VJTF exercise
NATO Exercise Centers

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