Supporting the EU in CSFP and CSDP: The mission of the EU Satellite Centre

October 2010
EUSC – An Autonomous European Capability

An **Agency** working for the **Common Security and Defence Policy** of the **European Union** under the operational direction of the HR.

- 102 People (84 Staff, 13 Temporary, 3 SNEs), 2 Trainees
- Budget 12.3 M € (2010)
"The Satellite Centre shall, in coherence with the European Security Strategy, support the decision-making of the European Union in the field of the CFSP, in particular of the ESDP, including European Union crisis management operations, by providing, as appropriate, products resulting from the analysis of satellite imagery and collateral data, including aerial imagery, and related services."
JA Art. 3: Political Supervision

The Political and Security Committee (PSC) will, in accordance with its responsibilities for CFSP and in particular for the ESDP, exercise political supervision over the activities of the Centre and issue guidance to the Secretary-General / High Representative on the Centre’s priorities.

JA Art. 4: Operational direction

1. The Secretary-General / High Representative shall give operational direction to the Centre, without prejudice to the responsibilities of the Board and of the Director of the Centre, respectively, as set out in this Joint Action.
1. The Centre shall, in coherence with the European Security Strategy, support the decision-making of the European Union in the field of the CFSP, in particular of the ESDP, including European Union crisis management operations, by providing, as appropriate, products resulting from the analysis of satellite imagery and collateral data, including aerial imagery, and related services …

2. In the framework of this mission, the SG/HR will, upon a corresponding request and if the capacity of the Centre so allows, direct the Centre to provide products or services to:

   i. A Member State or the Commission;

   ii. Third States having agreed to the provisions set out in the Annex on the association with the Centre’s activities;

   iii. If the request is relevant in the field of the CFSP, International Organizations such as the UN, the OSCE and NATO.
European Union
Treaty on the European Union
(TEU)

I
European Communities
European Economic Community
EURATOM

II
Common Foreign and Security Policy
Art. 11 - 28 TEU

III
Cooperation in Justice and Home Affairs
Art. 29 - 42 TEU

Lisbon Treaty
External Action Service?

Supranational Communities

Intergovernmental Cooperation

Intergovernmental Cooperation
The EUSC and the European External Action Service (EEAS)

- Commission
- Council
- SitCen
- CPCC
- EUSC
- EUMS
- CMPD
- OHQs
## Governmental Imagery Status

<table>
<thead>
<tr>
<th>System</th>
<th>Legal Status</th>
<th>Technical connection</th>
<th>Operational status</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hélios</td>
<td>MoU signed and implemented</td>
<td>Data transfer via Spanish Hélios centre near EUSC</td>
<td>Operational Imagery received and processed; products distributed</td>
<td>CONFIDENTIEL UE</td>
</tr>
<tr>
<td>COSMO-SkyMed</td>
<td>MoU signed; application agreement close to signature</td>
<td>Separate data link to be established</td>
<td>Operational (3) Dual use: commercial imagery already in use, military imagery expected soon</td>
<td>CONFIDENTIEL UE</td>
</tr>
<tr>
<td>SAR-Lupe</td>
<td>Letter of Intent signed; MoU close to signature</td>
<td>Separate data link to be established</td>
<td>Operational (5) Nearing first EUSC use</td>
<td>SECRET UE</td>
</tr>
<tr>
<td>Pleiades</td>
<td>Discussions forthcoming</td>
<td>Data transfer via Spanish Hélios centre</td>
<td>Awaiting launch end-2010</td>
<td>CONFIDENTIEL UE</td>
</tr>
</tbody>
</table>
EUSC Geospatial Support: Objectives
**GEO-INT Support**

**Cartography**
- High detail maps
- High precision
- Complex

**Spatial Analysis/TERA**

**Written report**
- Figures
- Statistics
- Simple

**Soldier, Commander**
**Written Reports**
- Planning Operations
- Military Activity, etc

**Decision Maker**

**GEO-INT Support**

**Spatial Analysis/TERA**

**Written report**
- Figures
- Statistics
- Simple
Resources

HUMAN RESOURCES

- 29 Image Analysts
- 3 Seconded National Experts
  - Czech
  - Greek
  - Slovenian

IMAGERY SKILLS
- Panchromatic
- Multispectral
- Infra-Red
- Radar

INTERNATIONAL EXPERIENCE
- NATO
- UN
- Iraq
- Afghanistan
- Balkans, etc.

MILITARY EXPERIENCE
- Air Force
- Army
- Navy
- IMINT
- INT / OSINT

BACKGROUNDS

- Geography
- Carthography
- Photogrammetry
- Biology
- Remote Sensing
- GIS
- Military Analysts
Evolution of the resolution from commercial optical imagery

2008 - WorldView Image 50 cm resolution panchromatic
Evolution of the resolution from commercial optical imagery

2009 - GeoEye Image 50 cm resolution multispectral
Evolution of the resolution from commercial optical imagery

2009 - GeoEye Image 50 cm resolution multispectral
Thank you for your attention!

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