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Satellites Communication in civilian CSDP missions

Challenges & opportunities

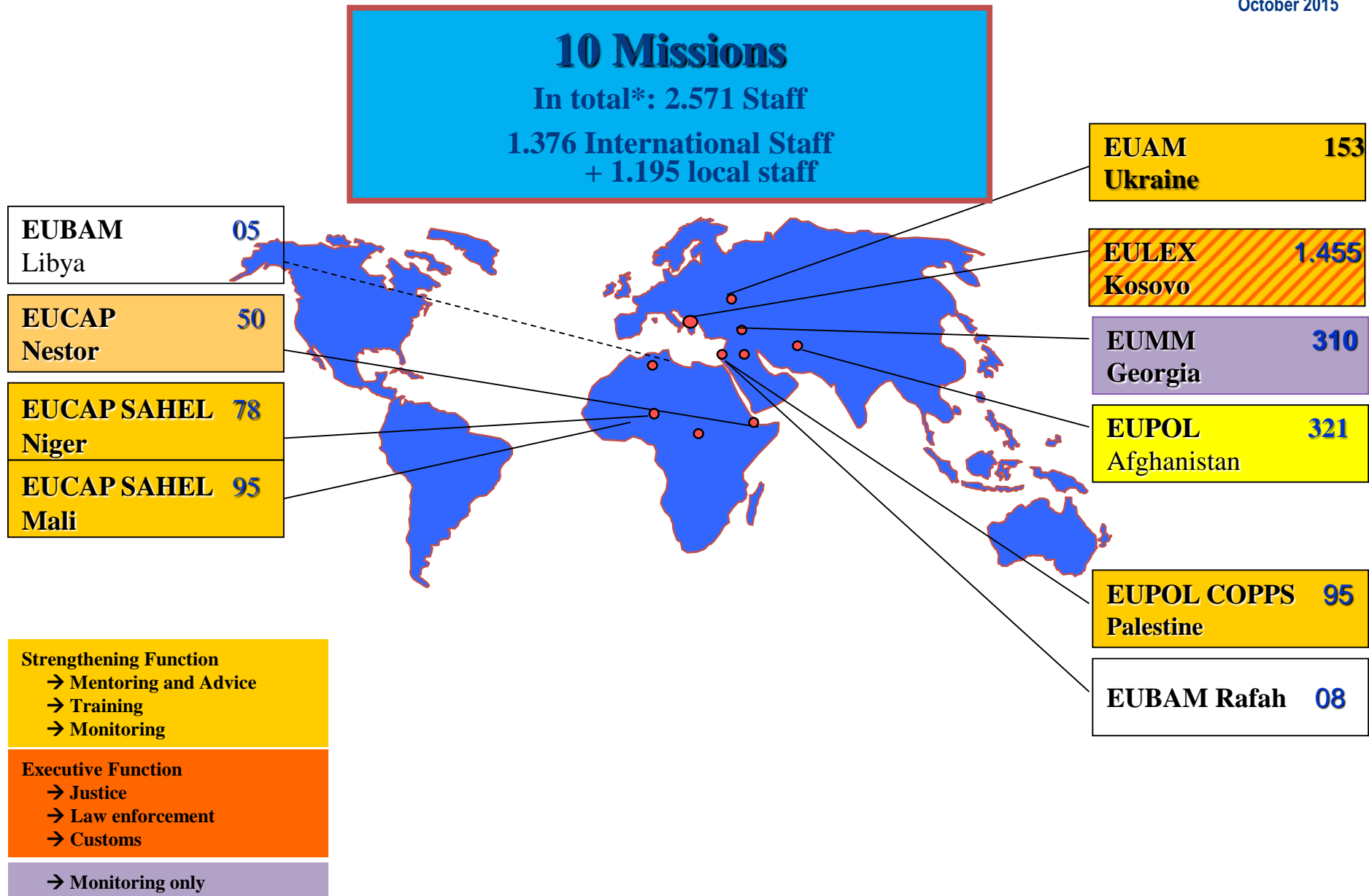
Luxembourg Presidency

November 2015

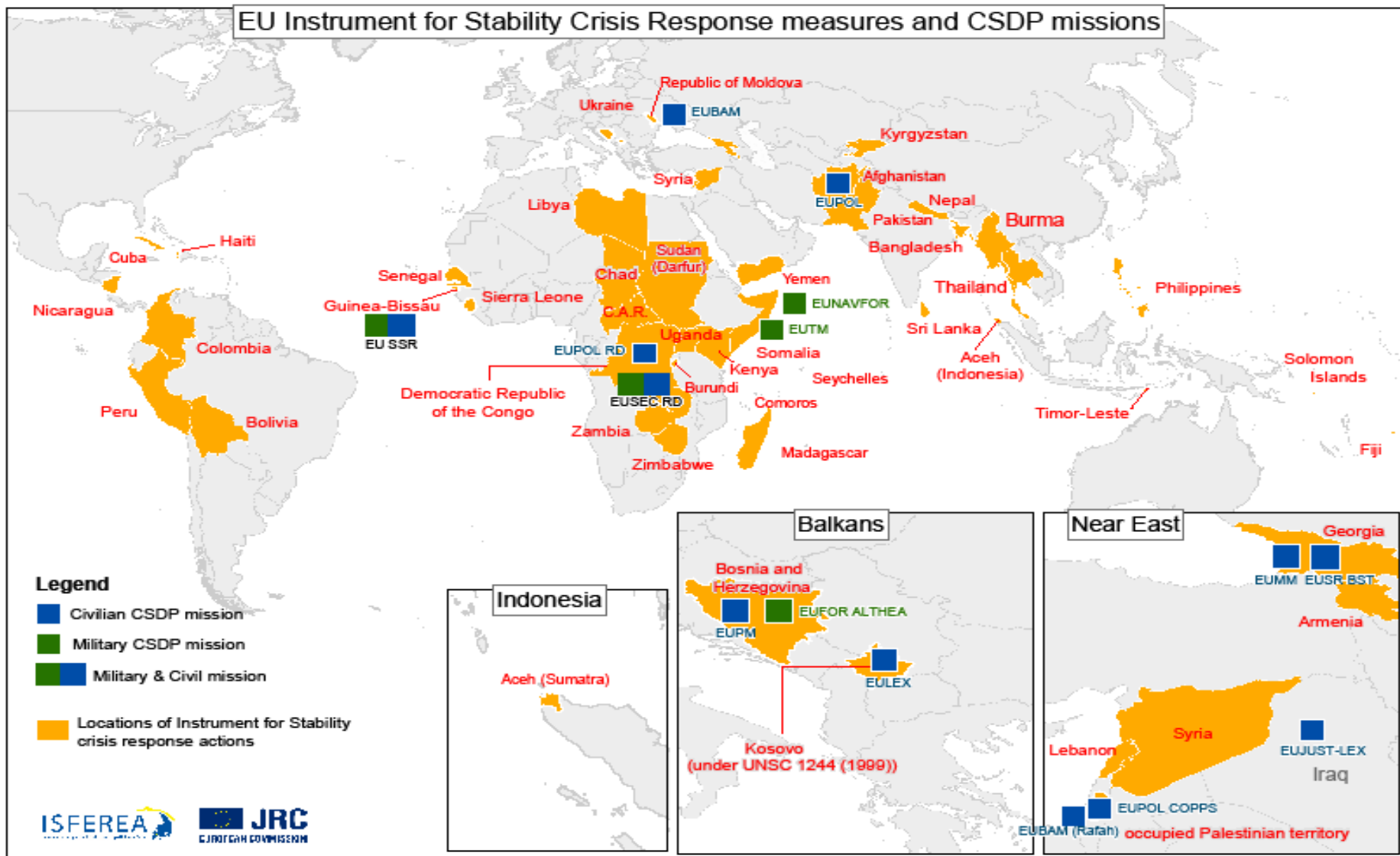
- Scene set
 - 1. CSDP missions figure
 - 2. EEAS SatCom coverage
 - 3. Support services for CSDP missions
- Enhance Security
 - Cyber threats via SatCom proxies
 - Encryption of SatCom links & GPS coordinates
 - Encryption of SatCom managed services to limit espionage

Current Civilian CSDP Missions

October 2015



Instrument for Stability (IfS) Crisis responses & CSDP missions



Current situation with EEAS SatCom architecture

No coverage of CSDP missions and poor coverage of EU delegation





Algérie

Libye

Sahara Occidental

Mauritanie

• Nouakchott

Mali

Niger

Dakar

Sénégal

• Banjul

Gambie

• Bissau

• Bamako

• Niamey

• Ndjamena

• Ouagadougou US Dept of State Geographer

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European Union
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Coverage:

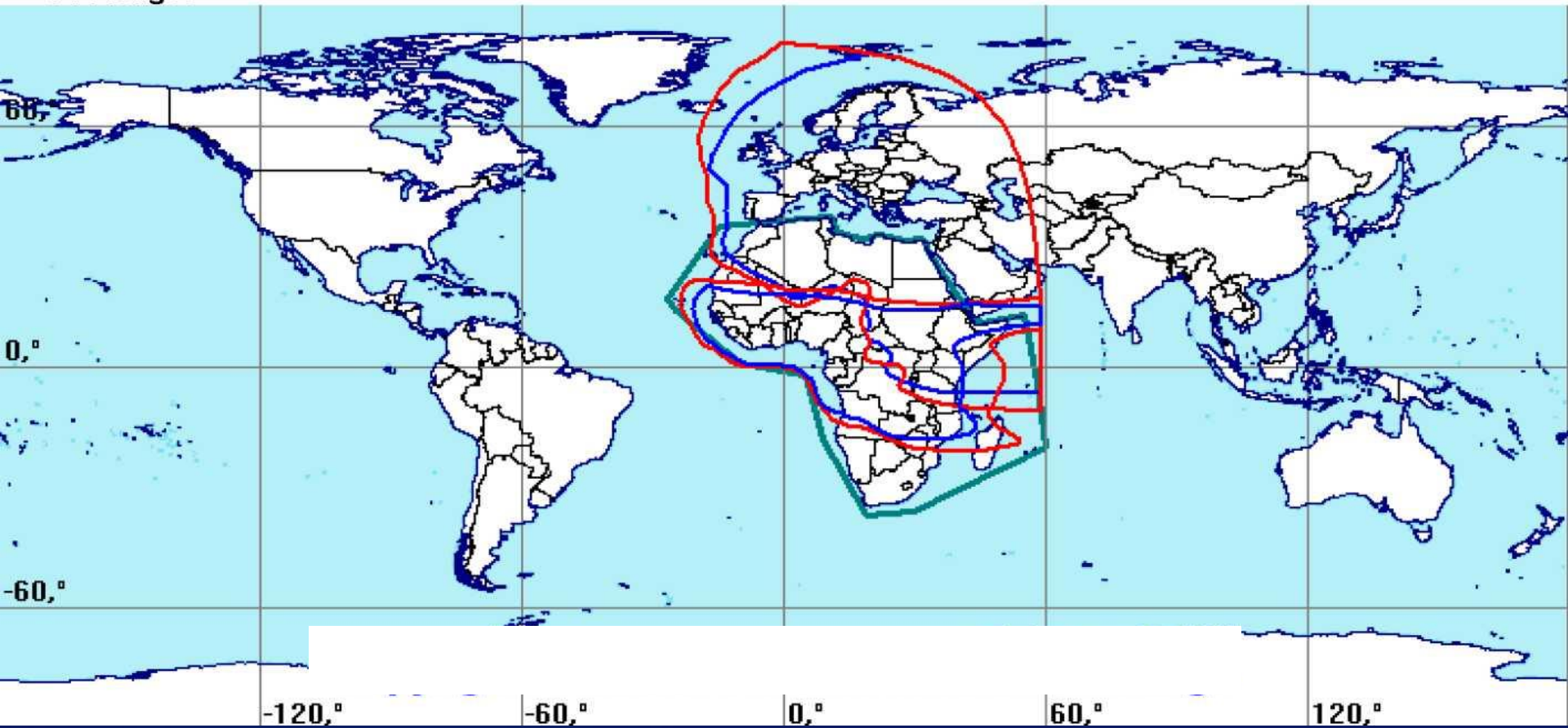


Figure 101 : Ku Band Europe / Africa coverage on satellite SES-4

European Commission framework contracts overview

Scope	Equipement	Services
Security		Absent
CIS & SATCOM		Absent
Command & Control	Absent	Absent
Cyber Security	Coming early 2016 in all EU institutions	
MEDICAL	Medical kit...	Van Breda
LOGISTIC	Cars, no compound	Absent
Warehouse/supply	Diplomatic pouch	Absent
HR/Accounting/Admin	Absent	Absent

- **Enhance security & services:**
 - Set up SatCom framework contract for CSDP missions
 - Enhance SatCom security:
 - Set an EU crypto solution for SatCom networks
 - Protect SatCom network
 - Encrypt SatCom services

Questions ?





European Union

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