

« Space, defense and security in Europe »

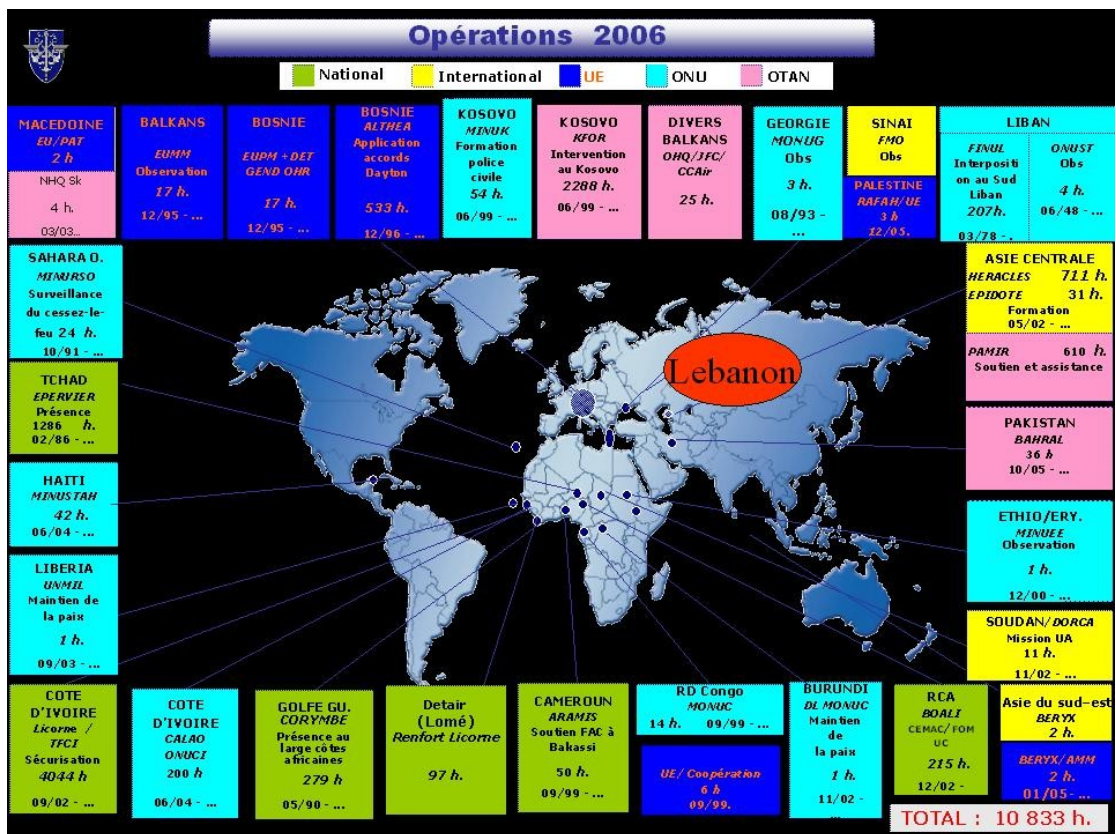
THEME: Various aspects of an European space policy

Rear Adm POULAIN (Joint Staff - France)

« How to conciliate a national space policy in the European process »

SYMPOSIUM UEO/IESD

KOUROU September 2006



A political willpower for space

« Space superiority is the next challenge that the Europeans shall take together. Outer-space is an important question for the 21st century. France and Europe cannot avoid this challenge. Our country, that at the moment is carrying out an ambitious policy to modernize its space applications, shall keep pulling on its European partners in this path. »

Speech by the Defense Minister, Mrs. Alliot-Marie, for the Hélios IIA launch (December 2004)



A REALITY
HELIOS2
SYRACUSE 3






To set the path for the future
Prototypes
Cooperation agreements
Requirements

A look to the European defense and security space policy

- National initiatives
- Space, a choice among different strategic stakes
- A young defense and security space policy
- A new cooperation building process

Outer-space, vector of information

Different national strategies

-  → SYRACUSE III : 2005-2020 (military)
-  → Paradigm : 2006-2023 (service support)
-  → SICRAL : 2001-2011 (dual)
-  → SPAINSAT : 2006-2017 (dual)
-  → BU satcom : -2010

Different ground stations



Heterogeneous network of information systems



A singular thing to follow:
NATO initiative
SKYNET/SYRACUSE/SICRAL

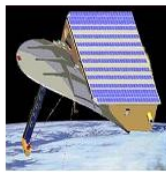
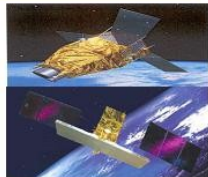
Outer-space, information source

An efficient cooperation

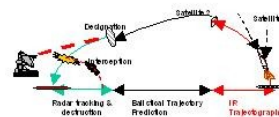
HELIOS 2 cooperation
F, I, Sp, Be, Ge, Gr, (Sw)

Turin agreement
COSMO-SKYMED (IT)
PLEIADES
HELIOS

•Shwering agreement
•SAR LUPE(GE)
•HELIOS

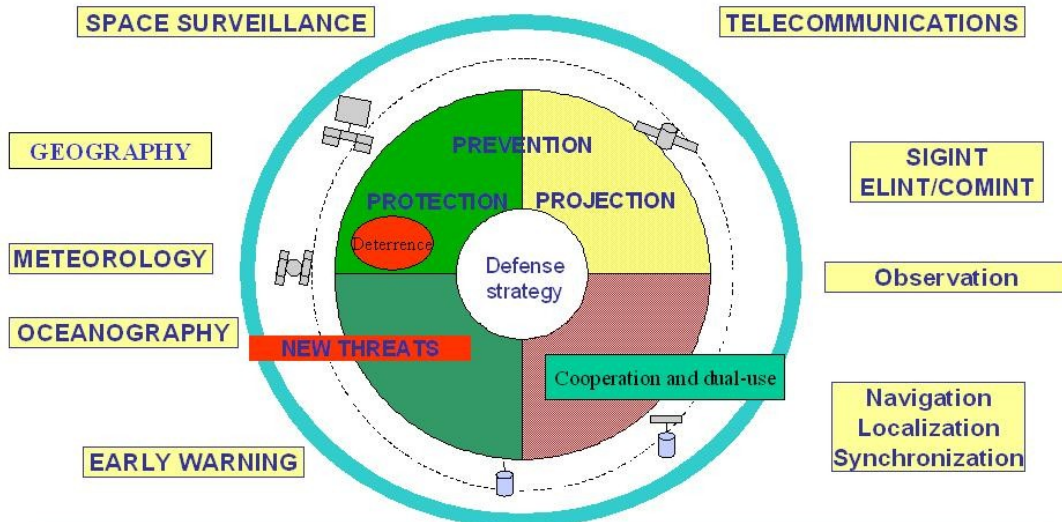


A SUPPORT



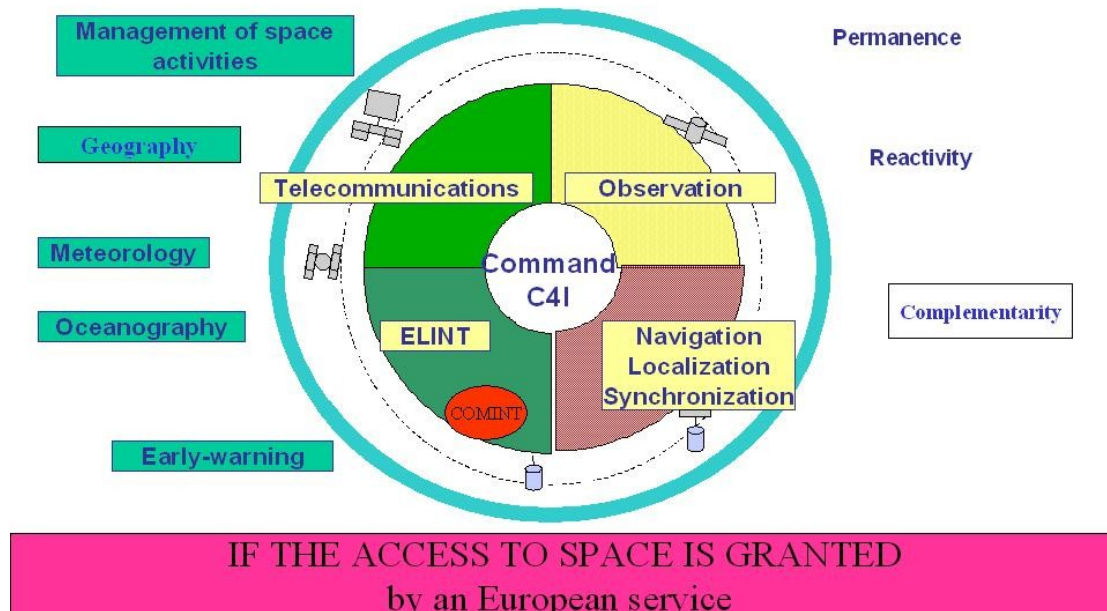
- National initiatives that are complementary in the different technologies for observation
- ELINT and early-warning test-programs (Fr)
- International support on the environment (navigation, meteorology, geography, space surveillance)

A common European vision for space technology for defense and security



IF THE ACCESS TO SPACE IS GRANTED

An evolution of space technology for defense and security



IF THE ACCESS TO SPACE IS GRANTED
by an European service

A merciless calendar

