

Roundtable 1

Sciamaano Concept Study

The Drone Carrier: Aim....



DRONES ADVANTAGES

- **Force Multiplication**
 - Extended RMP
 - Safer and longer range engagements
- **Task List Increase**
 - Surveillance
 - Reconnaissance
 - Additional Warfare domains (ASW, MCM, ...)
- **Operational Flexibility**
 - Tailoring to Mission
 - Multiple payload choice

Approach

Estimate concept's degree of effectiveness, based on performances of unmanned vehicles currently on the market, or being developed, to tailor the drones size and number

Establish the best ship design (including Drones Management Systems) and the number of ships needed to fit the purpose

Concept Test & Evaluation Scenarios

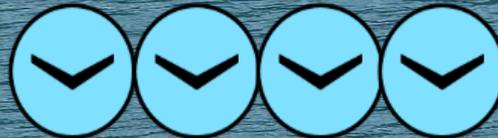


Sciamano Allocation

Drones' Type and Number

Full

Mini



Study Objectives

Ship Configuration

Traditional



Catamaran



SWATH



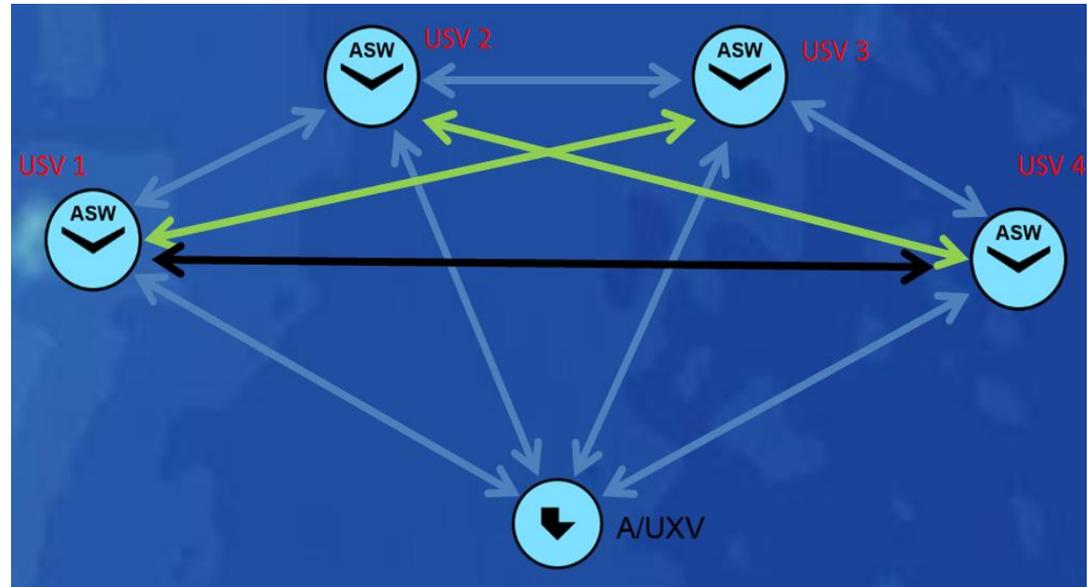
Hybrid



Study Objectives

Drones' C2 Definition

- Control the vehicles
- Receive vehicles navigation data
- Receive/download information collected by vehicles' sensors
- Control the Payloads
- Emergency shot-down
- Relay of information/orders.



FINCANTIERI

The sea ahead