



## ITALIAN UPDATE 2010

Operative Programming Office - Central Management for Programming and Infrastructures

<http://www.cnr.it/sitocnr/UPO/gestione/Infoce/UPOInfoce.html>

segreteria.upo@cnr.it

### "URANIA" RESEARCH VESSEL



#### Main technical features:

- Category: Oceanic
- Tonnage: 1115 GRT
- Length: 61.3 m
- Breadth: 11.1 m
- Height: 5.3 m
- Draught: 3.6 m
- Max speed: 13 Knots
- Average speed: 11.0 Knots
- Autonomy: 45 days
- Crew: 16 people
- Scientists: 20 people
- Construction year: 1992

Year	N. surveys	Days at sea
2009	18	326
2010	22	350

### "DALLAPORTA" RESEARCH VESSEL



#### Main technical features:

- Category: Regional
- Tonnage: 285 Tons
- Length: 35.3 m
- Breadth: 7.7 m
- Height: 4.1 m
- Draught: 3.0 m
- Speed: 14 Knots
- Drive system: 1100 CV
- Crew: 8 people
- Scientists: 12 people
- Construction year: 2001

Year	N. surveys	Days at sea
2009	26	303
2010	20	267

### "MARIA GRAZIA" RESEARCH VESSEL

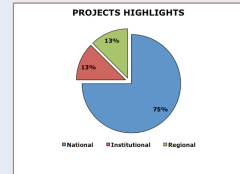
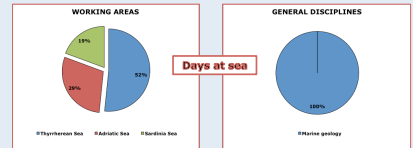
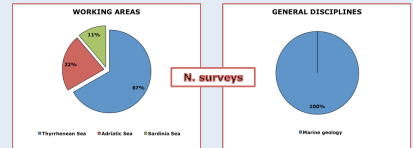
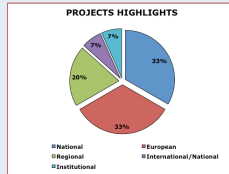
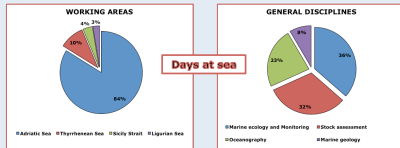
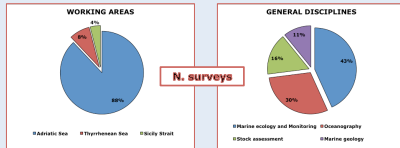
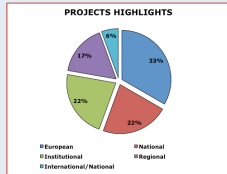
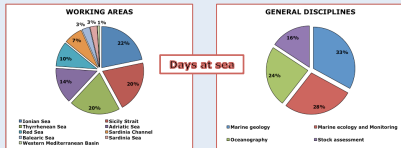
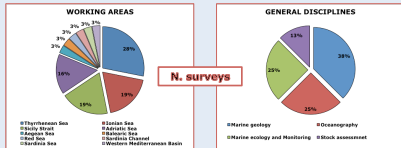


#### Main technical features:

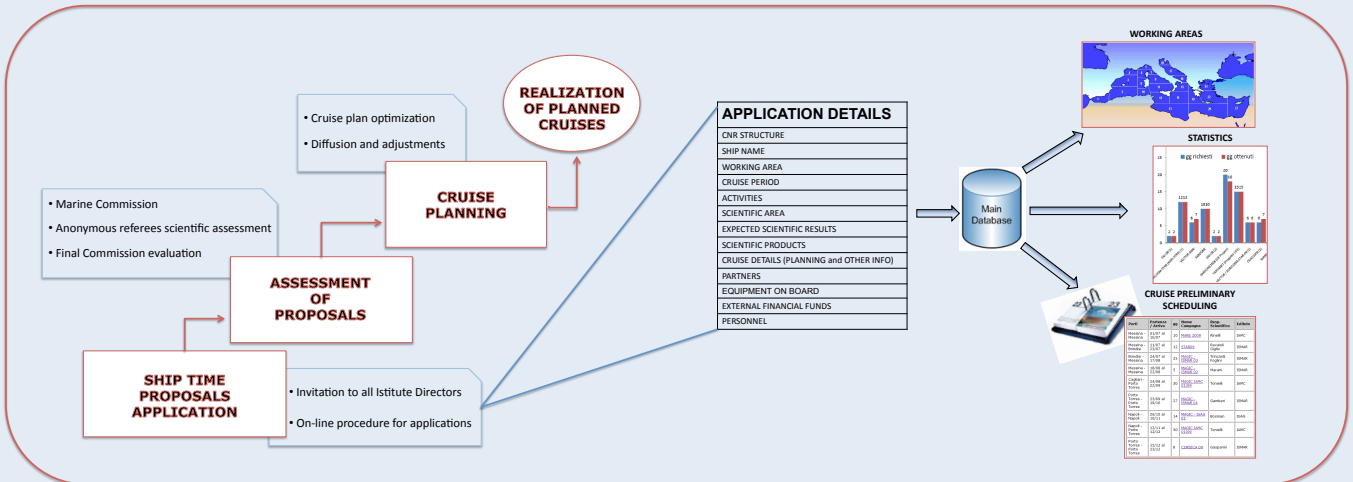
- Category: Regional
- Tonnage: 120 Tons
- Length: 42.4 m
- Breadth: 8.8 m
- Draught: 3.2 m
- Max speed: 16.0 Knots
- Average speed: 866 kW
- Autonomy: 30 days
- Crew: 8 people
- Scientists: 10 people
- Construction year: 2004

Year	N. surveys	Days at sea
2009*	9	161
2010	19	279

\* First operational year



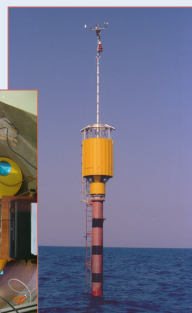
### ASSESSMENT PROCESS FOR OCEANOGRAPHIC CRUISES



### ODAS ITALIA 1 Buoy



Ligurian Sea  
37 nmi far from the coast  
1300 meters deep seabed



### ACQUA ALTA Oceanographic platform



Northern Adriatic Sea  
16 km off the coast of  
Venice

