

Integrated management of New Caledonia marine waters

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Coral Sea marine protected area Project



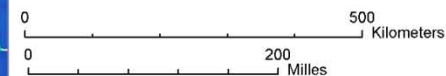
Peduncled crinoid (*Gymnocrinus richeri*) and shrimp (*Laurentaeglyphea neocaledonica*) belonging to zoologic groups supposed to be extinct since Cretacea (>100 M year – secondary era)

Biogeographic background of the project

- 1.4 km² study area
- Vast and near pristine coral reefs ecosystems hosting high biodiversity
- High heritage value of deep benthic ecosystems – cold coral reefs and prehistoric faunas (« Jurassic park »)
- Wide pelagic ecosystems sustainably exploited by longline domestic fishery

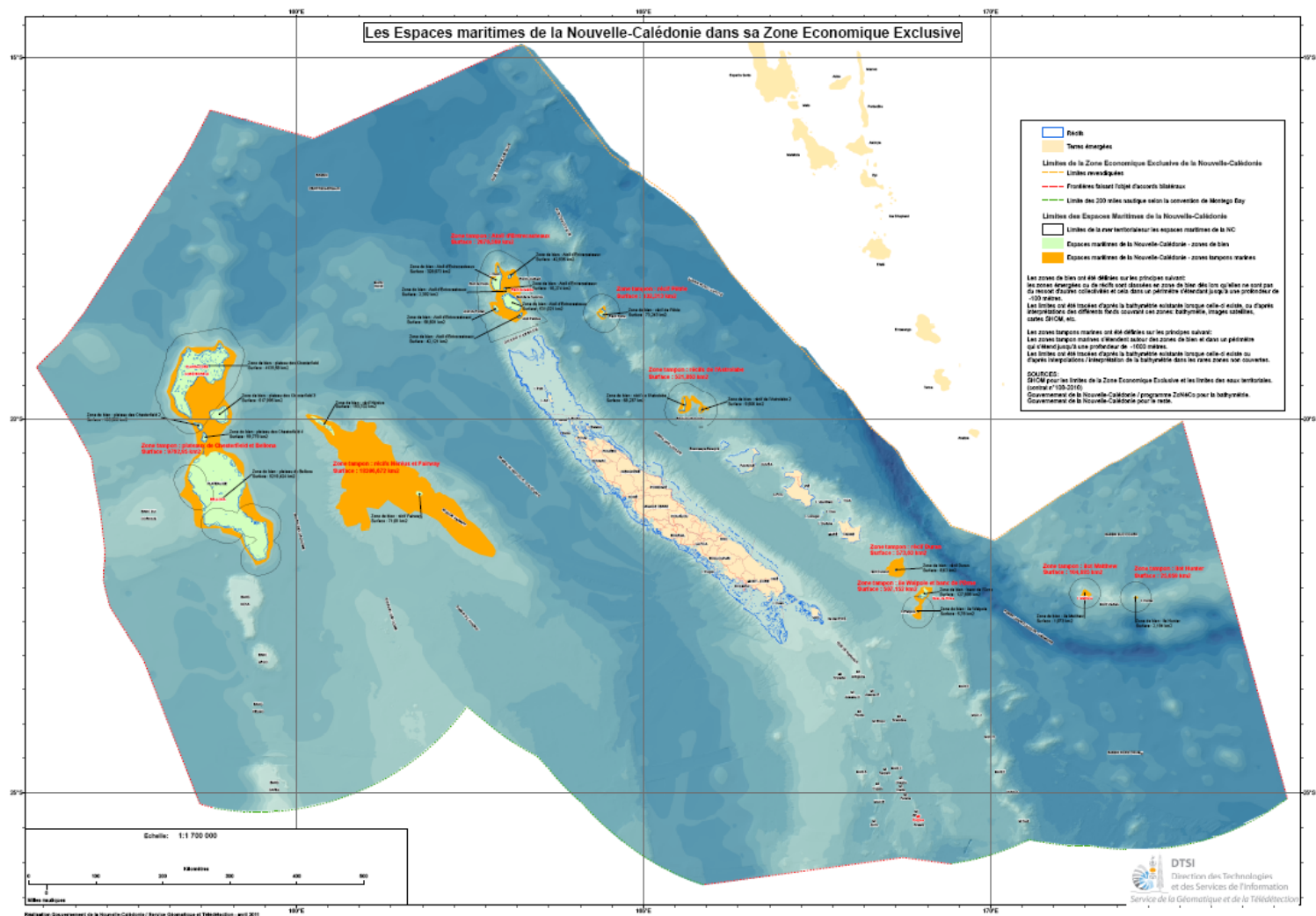


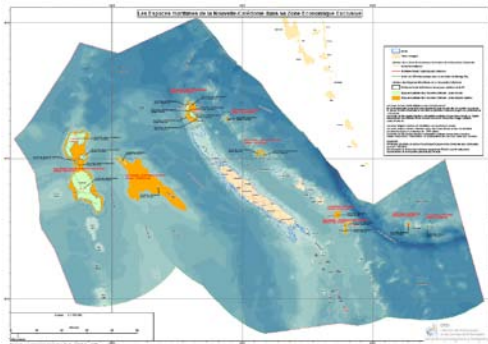
 Loyauté islands province



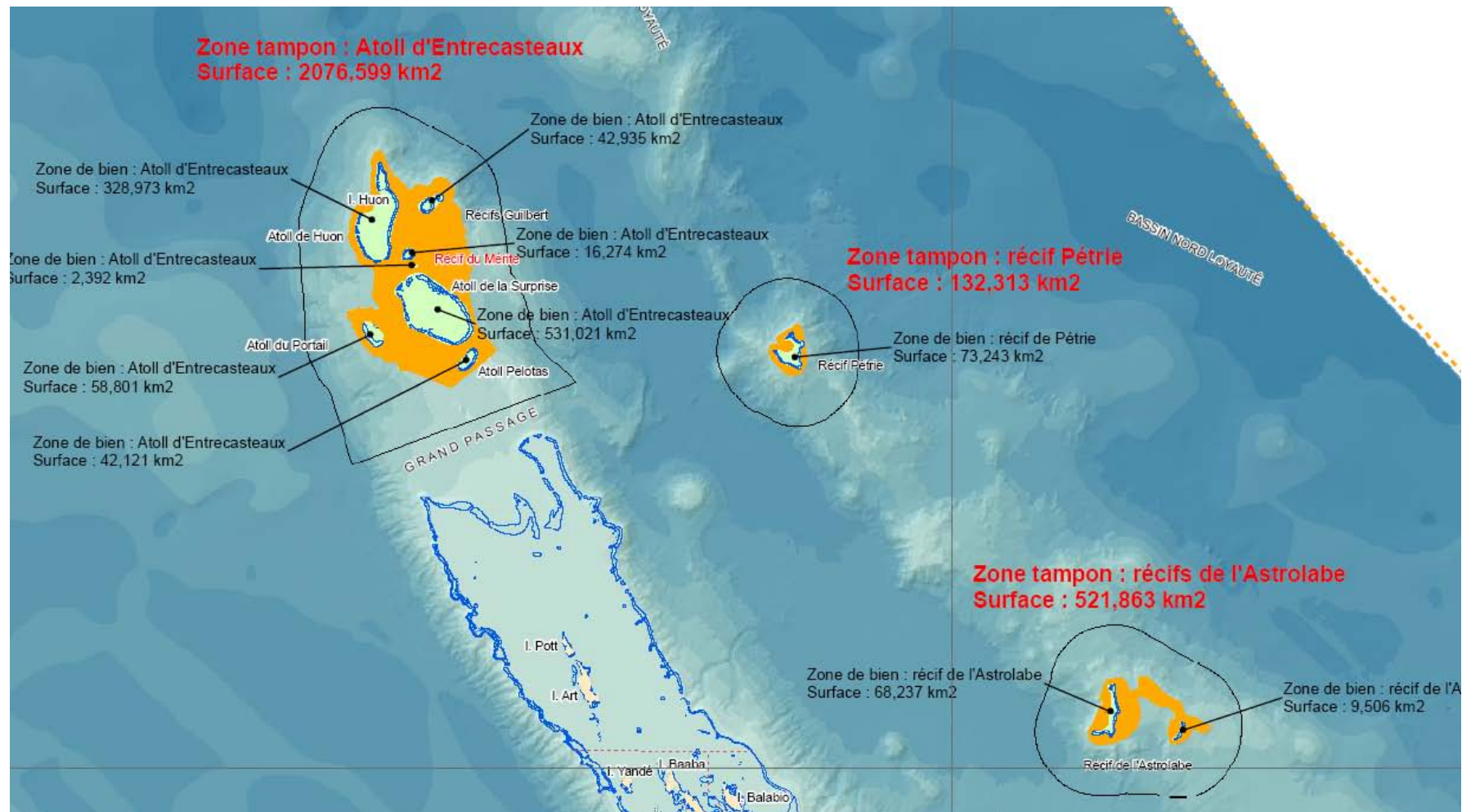
Data sources :
- Millennium Coral Reef Mapping Project, IRD-U227/NASA/USF-Imars
- www.georep.nc
- GEBCO
- VLIZ

Coordinate system : WGS84

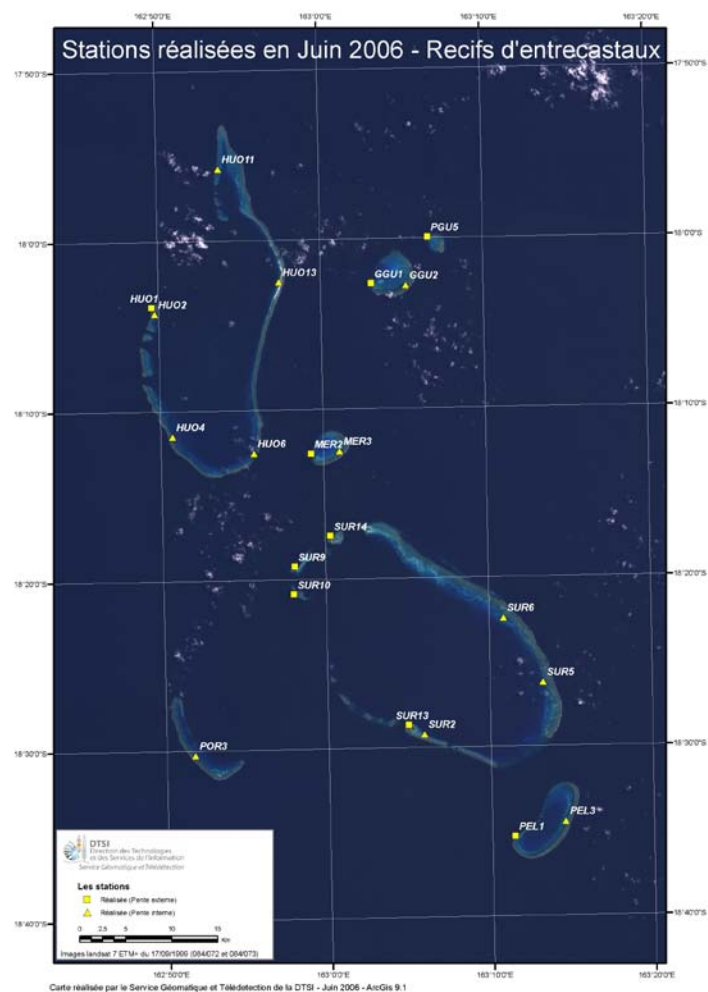
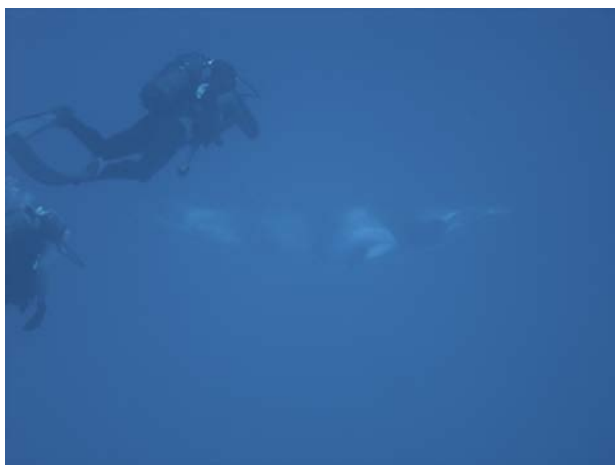




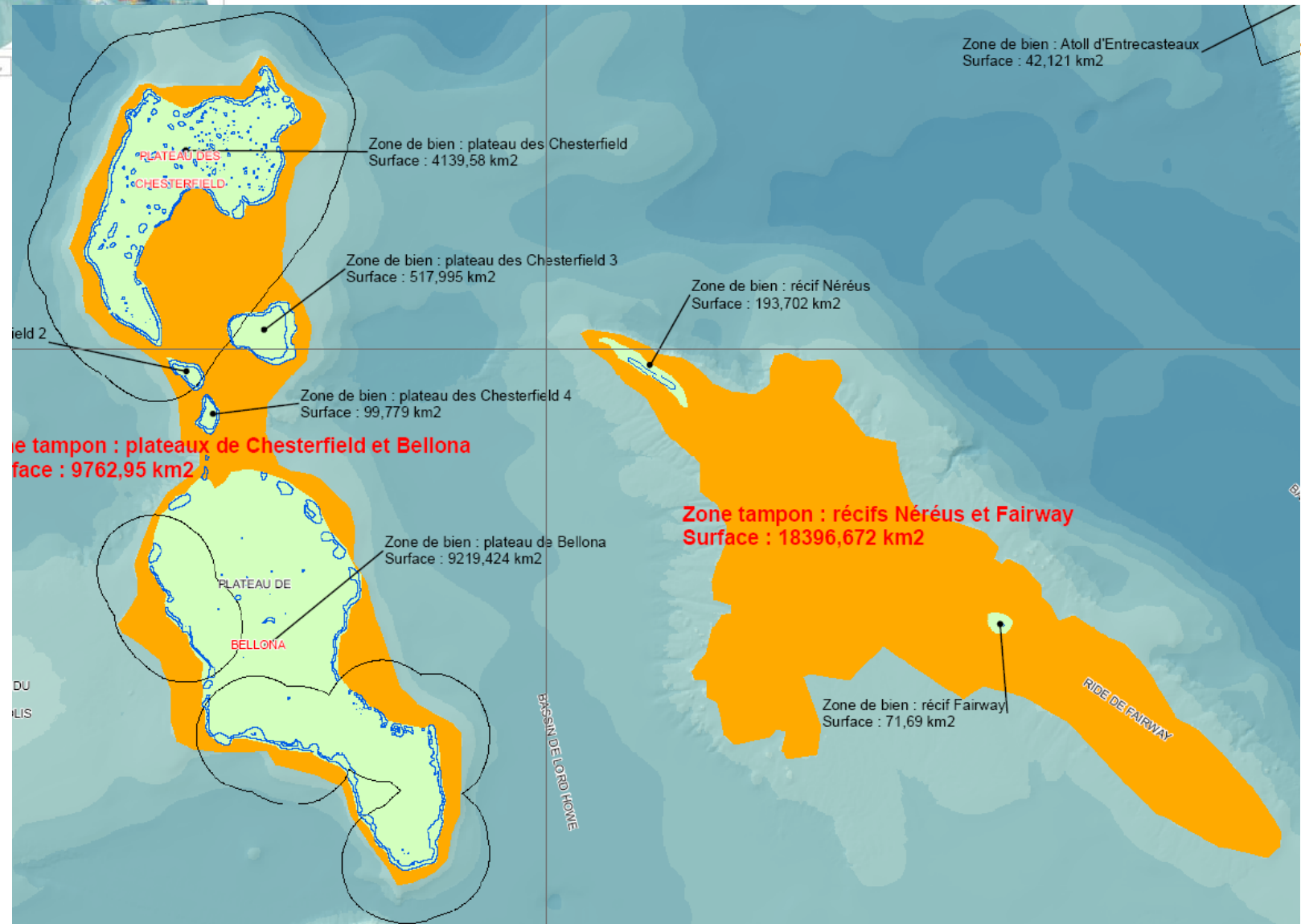
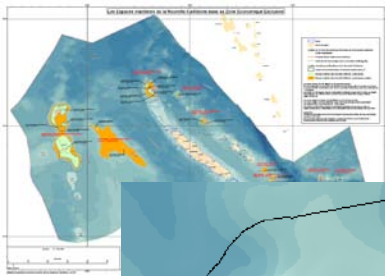
UNESCO



Point zéro maritime



Chesterfield



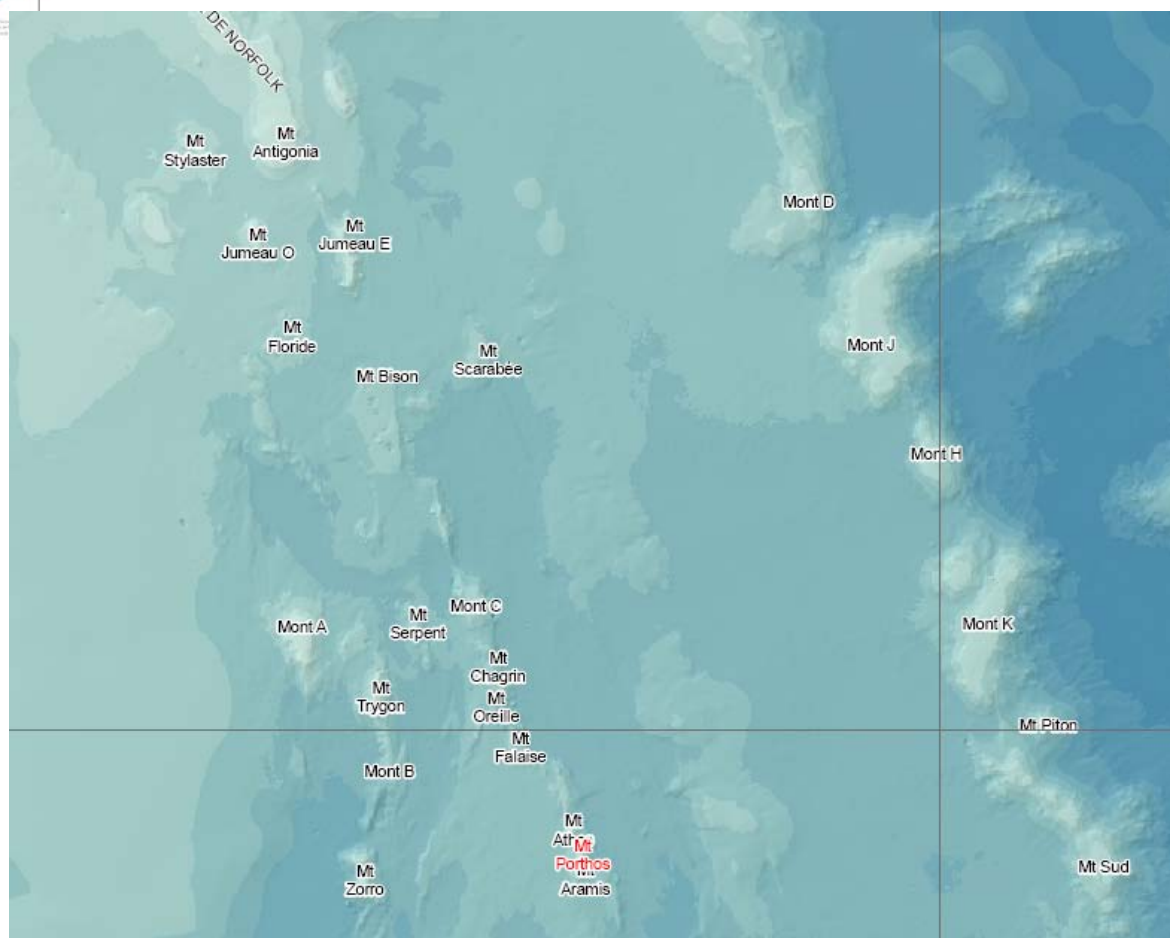
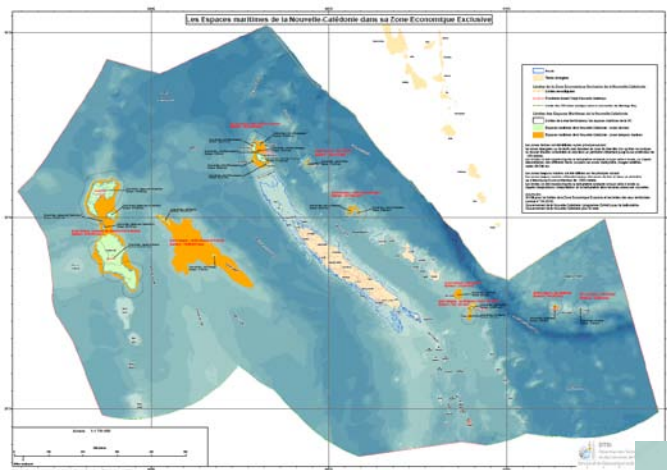


GOUVERNEMENT DE LA
NOUVELLE-CALÉDONIE

Le suivi des oiseaux, des rats et des fourmis



Monts sous marins



Political objectives

- Participate to national and international efforts in order to creating a marine protected areas network supporting ecosystem based management (Rio, 1992 – CBD)
- Contribute to the sustainable management of the Coral Sea, through share effort with Australia
- Setting in place gouvernance and marine spatial planning as a source of richness and sustainable development for New Caledonia.

Surveillance at stakes

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Challenging surveillance within a huge area: an important part of the EEZ is farther than 150NM away from first port or airport (>400 NM in the western part)

Fisheries control policy at sea enforced by national Navy through dedicated boats and planes

Chesterfield & Bellona Atolls

Lord Howe rise
seamounts chain

Australia

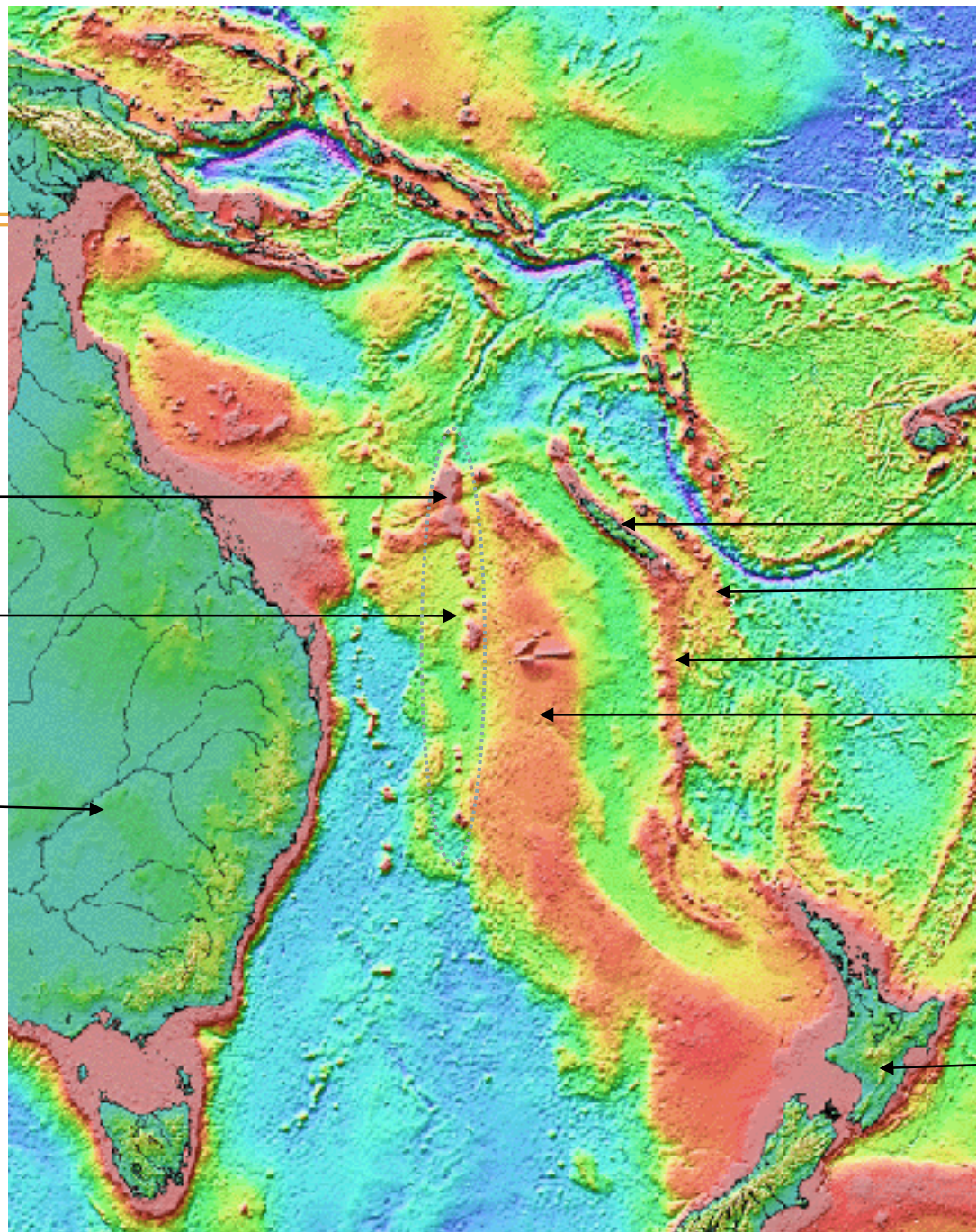
New Caledonia

Loyalty Ridge

Norfolk Ridge

Lord Howe Ridge

New Zealand



Other challenges

Developping the knowledge of deep sea environments

Implementing wide range ecosystems monitoring networks