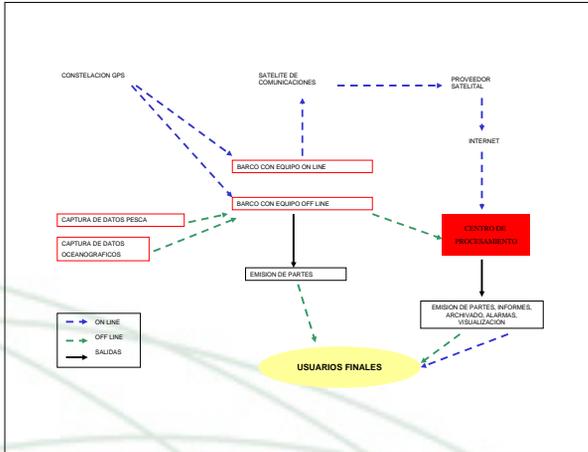


# Use of Direct Broadcast Products in a “Fishery and Oceanographic Monitoring System (FOMS)”

- The FOMS (SIMPO in spanish) was developed by INVAP for the Institute of Marine Biology and Fisheries (IBMP) and the Directorate of Fishery of the Rio Negro Province (Argentina).
- The system is composed of an “on –line” and an “off –line” subsystems and a CPD (Data Processing Center)
- The system operates mainly at San Matias Gulf (Patagonia), the jurisdiction of the Río Negro Province.
- The objectives are: monitoring the fishing fleet operations and provide services to scientific projects of the IBMP.

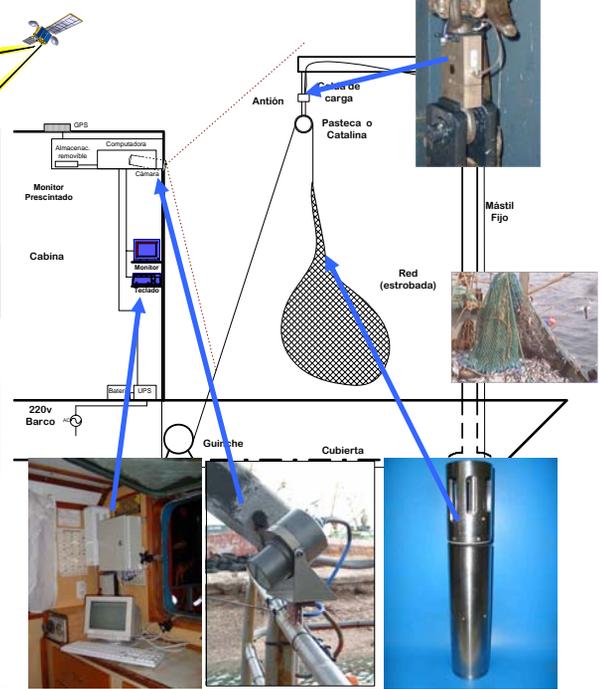
## GENERAL DIAGRAM



## ON-LINE



## OFF-LINE: CPU - CAMERA - CTD - WEIGHT

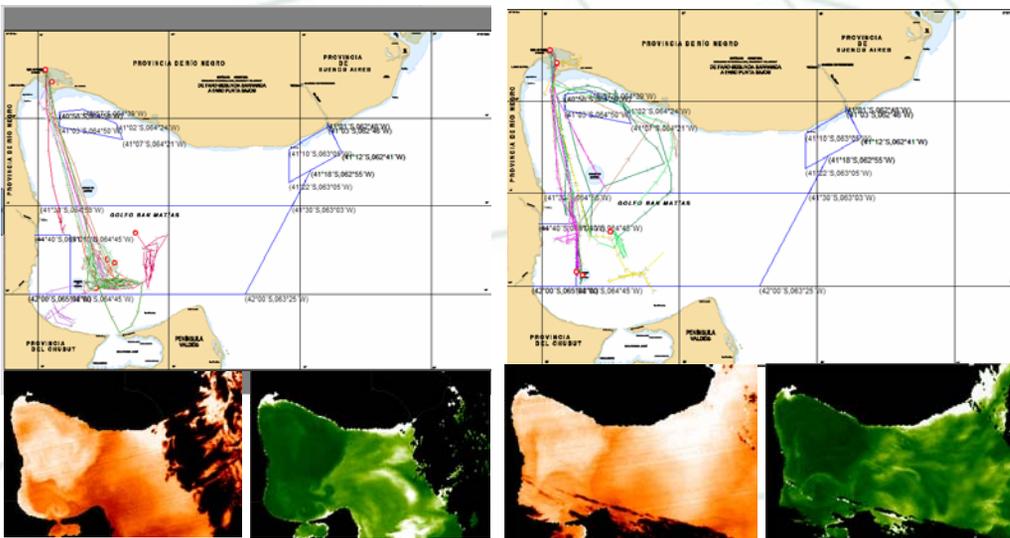


## CPD

- Data Bases
- Real time alarms
- Communications
- Post processing
- Relation with other projects



Adding remote sensing data to the system we expect benefits in the services that the system gives to fishermen during fishing fleet operations, fishing companies and scientists.



March, 2008, 1st week

March, 2008, 3rd week

## PROCESS:

- L0 from CONAE
- Process to L2 – L3 at IBMP
- Distribution: Ocean Products, Land Products, Atmospheric Products to other provincial and regional users
- Validation
- Use in operations
- Other sensors.
- Public information on fisheries
- All the provincial fishing fleet
- Other areas....