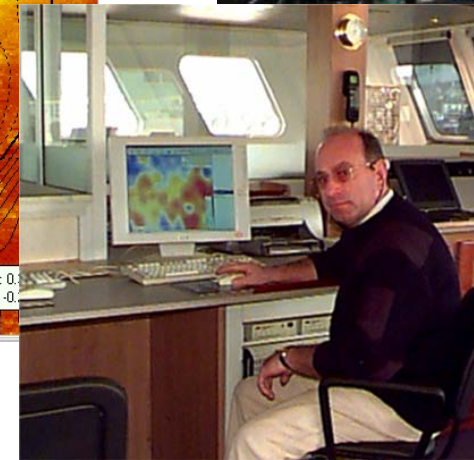
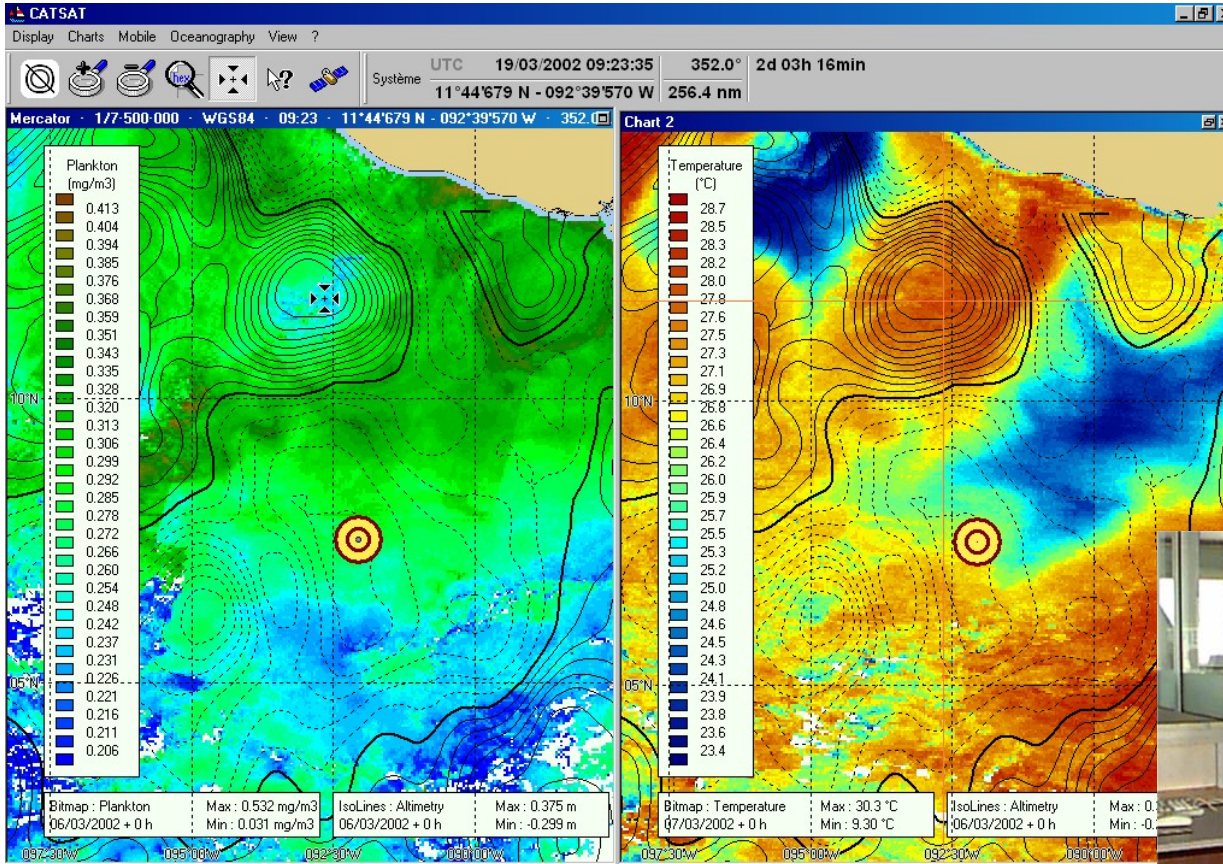


CATSAT: A SATELLITE SYSTEM TO SUPPORT FISHERIES



WHO IS CATSAT DEDICATED TO ?



CATSAT IS A **“DECISION TOOL”** FOR PROFESSIONAL FISHERMEN INVOLVED WITH **PELAGIC** FISH SPECIES

- SEINERS
- LONG LINERS
- TRAWLERS



CATSAT PROVIDES FISHERMEN WITH **“NEAR REAL TIME”** AND VERY ACCURATE OCEANOGRAPHIC INFORMATION ON BOARD THEIR VESSELS

CATSAT

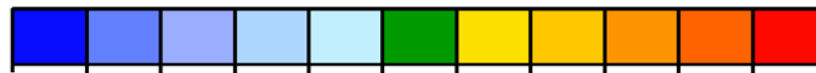
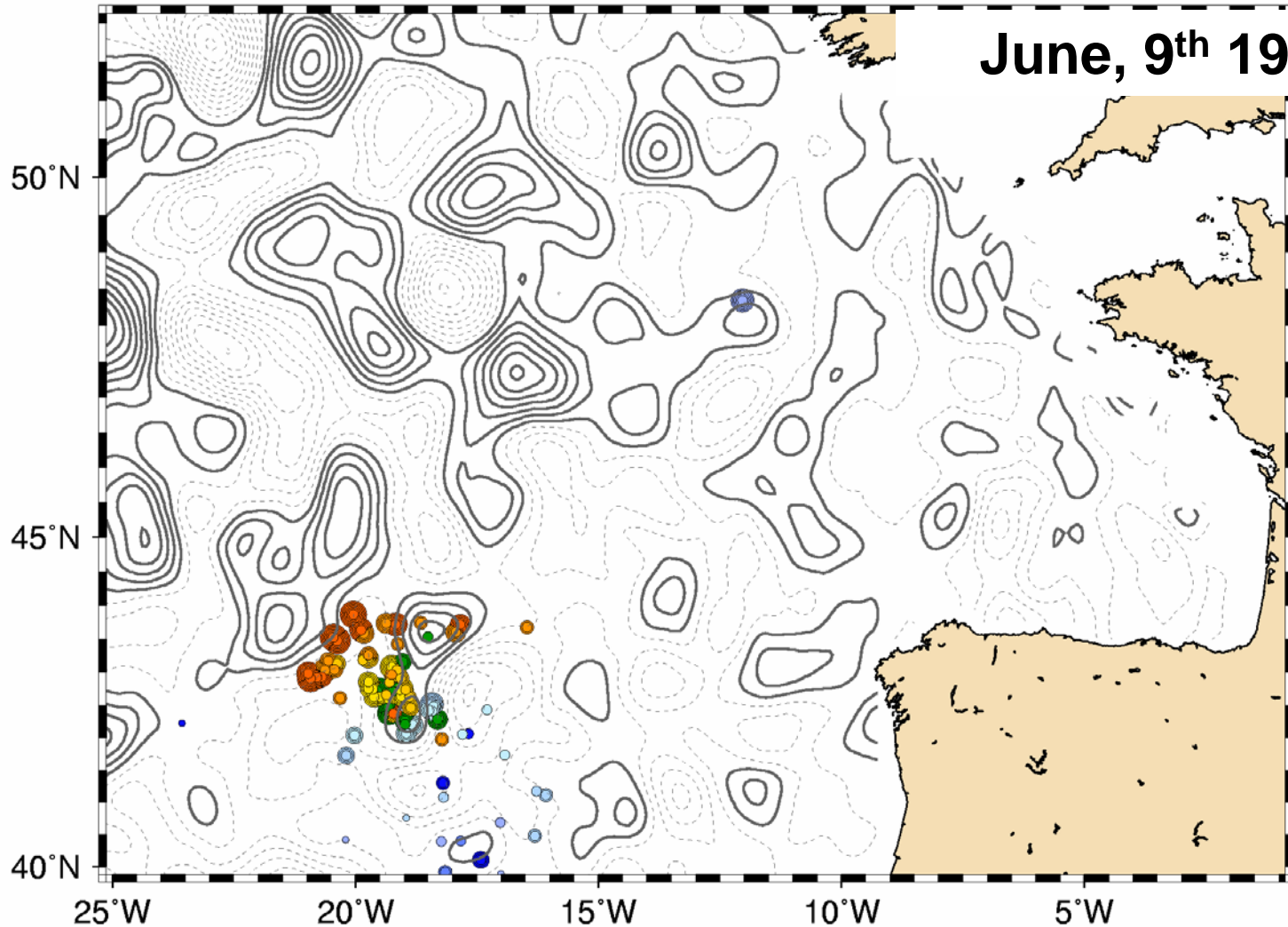
- **GUIDE** FOR FISHING OPTIONS AND STRATEGY
- **INCREASE SECURITY** DURING OPERATIONS
- **SAVE** OPERATION TIME AND MONEY



SEA SURFACE ANOMALIES AND TUNA FISHING



June, 9th 1993



-4.5 -3.5 -2.5 -1.5 -0.5 0.5 1.5 2.5 3.5 4.5
Days between catch date and map date

A WORLDWIDE OPERATIONAL SERVICE



PRODUCTS: 6 TYPES OF MAP:

- 1) **ALTIMETRY AND SURFACE CURRENTS**
- 2) **SEA SURFACE COLOR**
- 3) **DETAILED SEA SURFACE TEMPERATURE**
- 4) **CLOUDLESS LARGE SCALE TEMPERATURE FIELDS**
- 5) **SUBSURFACE TEMPERATURES AT FIVE DEPTH (50-100-150-200-300)**

- 6) **WEATHER FORECAST UP TO 7 DAYS (pressure, wind and wave height)**

CATSAT STANDARD SERVICE INCLUDE:

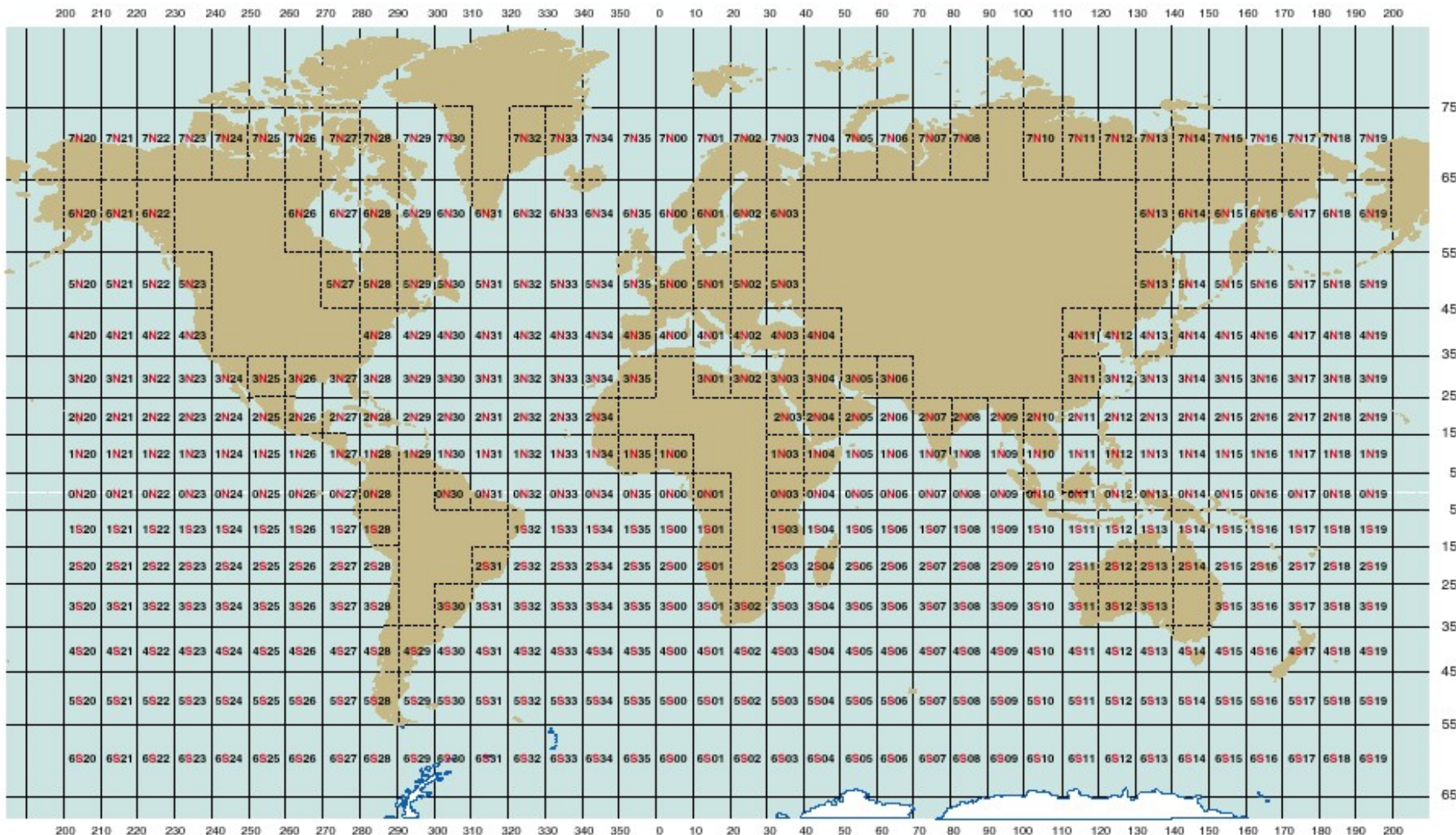
- **CATSAT DATA IN YOUR AREA OF INTEREST**
- **CATSAT DATA EXPLOITATION SOFTWARE**
- **HELP DESK**

OTHER SERVICES:

- **TRAINING SESSIONS (OCEANOGRAPHY AND CATSAT SOFTWARE USE)**
- **ONBOARD SYSTEM INSTALATION AND MAINTENANCE**
- **PROVISION OF ONBOARD TELECOMMUNICATION HARDWARE AND SOFTWARE SOLUTIONS**



PRODUCT COVERAGE



Catsat
a worldwide satellite system to help fishing



ALTIMETRY, SST, COLOR :

- Every Tuesday and Friday

SUBSURFACE FIELDS (MERCATOR MODEL) :

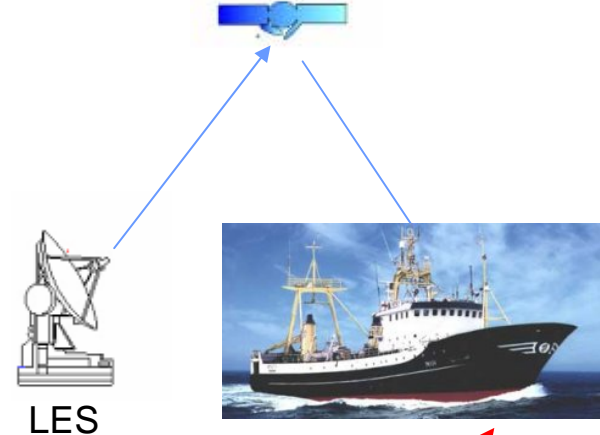
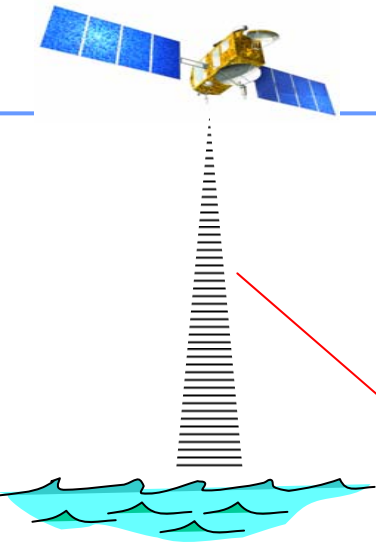
- Every Friday

WEATHER FORECASTS (for the next 7 days)

- Every day



CATSAT OPERATING SYSTEM



T/P, JASON-1,
ENVISAT, GFO

AVHRR
(NOAA16/17)

TMI, AMSR

MODIS (AQUA)

MERCATOR

ECMWF/MF

DATA
ACQUISITION

DATA
PRODUCTION

DATA
DISTRIBUTION

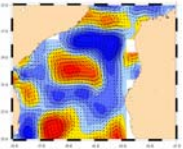
DATA
TRANSMISSION

DATA
ENCRYPTION

LES

HELP
DESK





PRESENTATION OF CATSAT DATA/SOFTWARE

