

SeaStar™

Fisheries Information Service

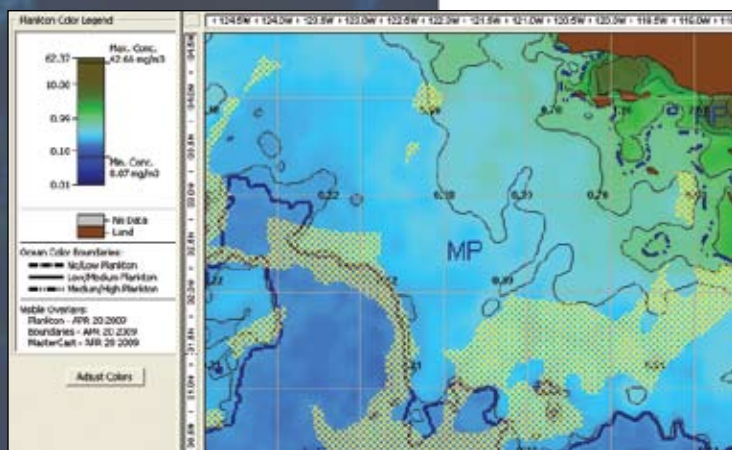
Save time and fuel when operating your fishing vessel

Since 1997, GeoEye has been developing and providing fish-finding solutions tailored to the unique needs of pelagic fishing operations worldwide. These services are used successfully by purse seiners, longliners, trolling vessels and mid-water trawlers to minimize search time and reduce fleet operating costs. The *SeaStar Fisheries Information Service* combines ocean plankton data with oceanographic and meteorological data sets from several other satellite imaging systems. The *SeaStar* oceanographic imagery products are processed daily by GeoEye's team of oceanographers, and are delivered directly to your vessel at sea for viewing on the ship's personal computer. Combined with your local fishing knowledge, captains can use the *SeaStar* maps to navigate directly to the closest and potentially most-productive fishing areas.

To maximize the use of the information, GeoEye provides the *OrbMap™* software, training and technical support to all customers. *OrbMap* software enables captains and fleet managers to view and manipulate the map layers, easily translating satellite imagery and oceanographic data into smart fishing decisions.

The SeaStar Advantage

GeoEye creates *SeaStar Fish Finding Maps* with oceanographic information from several satellites and other sources.



Ocean Color Map with MasterCast Overlay

SeaStar products include:

- ▶ Ocean plankton concentrations (ocean color)
- ▶ Sea surface temperatures
- ▶ Sea surface currents
- ▶ Sub-surface temperatures
- ▶ Thermocline depth estimates
- ▶ Sea surface height anomalies (altimetry)
- ▶ Ocean salinity estimates
- ▶ Comprehensive marine weather and forecasts

Display and interpret the ocean and weather condition with *OrbMap* software, which includes:

- ▶ C-MAP® nautical charts
- ▶ 3D oceanographic data views
- ▶ *MasterCast™* fishing ground analysis tool
- ▶ Oceanographic analysis and recommendations



Services Customized To Your Fishing Operation

SeaStar® offers the following customized service level packages:

SeaStar Pro Service

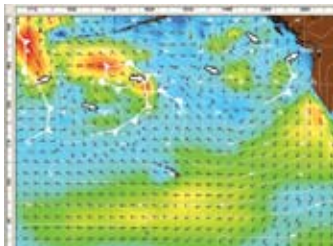
Provides commercial grade oceanographic and weather information for many types of pelagic fishing vessels. The SeaStar Pro Service includes oceanographic maps delivered daily (showing areas of high fish-finding probabilities), detailed oceanographic analysis performed by GeoEye's oceanographers, *OrbMap* software for viewing and manipulating map data, and technical support and training from GeoEye staff, international agents and business partners.

SeaStar Weather Plus+ Service

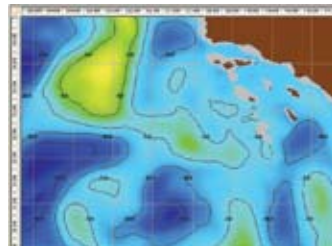
GeoEye offers this stand alone data service with accurate and detailed weather forecast information delivered by email to vessels at sea.

OrbMap Software with MasterCast

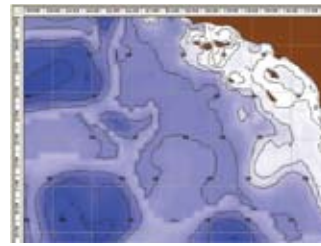
With the easy-to-use *OrbMap* software, captains can combine their local knowledge with the digital oceanographic map data to create customized images showing where fish are likely to concentrate or gather. *OrbMap 7* includes *MasterCast*, an interactive tool which automatically analyzes oceanographic data and identifies fishing grounds based on the captain's preferred conditions. *OrbMap* has a NMEA interface for the onboard GPS device. *OrbMap* also supports 14 languages.



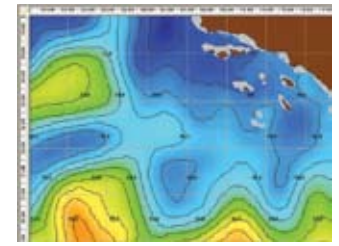
Marine Weather



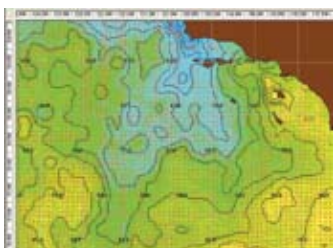
Sea Surface Height (Altimetry)



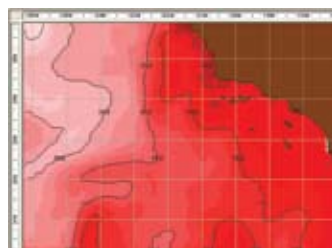
Thermocline Depth Base Map



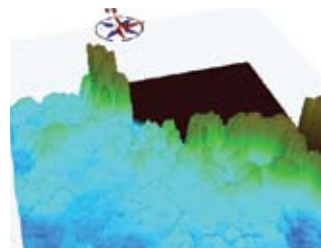
Sub-surface Temperature
(100m shown)



SST with Total Currents



Ocean Salinity



Plankton 3D View



C-Maps Nautical Charts

Further Information

To learn more about products and services, contact us by telephone at +1 703.480.7538 or write to us at seastar@geoeye.com. Visit us online at: www.geoeye.com/marineservices