SPACETECH
FOR MARITIME

yahsat الياه سات

WHAT IS THE CUSTOMER CHALLENGE?

· Affordable Asset Monitoring
· Crew Safety and Welfare
· Over Consumption of Fuel
· Sustainable fishing

WHO IS FACING THIS PROBLEM?

· Ship owners
· Ship management companies
· Logistical companies
· Seafarers
· National surveillance agencies
· Fisheries and environmental ministries

INTRODUCING FISHING & MARITIME SOLUTION

Cubic SAILOGGER with Navigator+ app delivers an affordable solution to maritime customers to track and monitor the assets, fish catch report, optimize vessels fuel consumption, ensure crew welfare and safety

Advantages

· Web & Mobile app with user-friendly interface for onshore monitoring
· Monitor vessel movements in real-time
· Monitor fishing and report catch to Department of Fisheries
· IoT Gateway for onboard engine, exhaust gas and fuel sensors
· Real-time communication via onboard touchscreen and chat board
· Distress alert via app or email notifications

In collaboration with

skyreach

IMPACT

Fish catch reporting:

1. **Sustainability** in fisheries involves avoiding overfishing through techniques such as individual fishing quotas, ban destructive and illegal fishing practices by lobbying for appropriate law and policy, setting up protected areas, restoring collapsed fisheries, educating stakeholders and the wider public.

2. The **fish catch reporting** features enables Ministry of environment/fisheries to drive the policies towards regulated and
protecting fishing and also comply with EU's IUU (Illegal, unreported, unregulated) fishing regulations

3. Increases GDP from fishing

Optimizing fuel consumption:

1. Fuel costs represents as much as 40-60% of total ship operating costs (small to medium vessel $USD 1 Million / year). With the innovative design of SAILOGGER, the solution provided is approx. 25% more affordable compared to the competition. Furthermore, there are live customers in Indonesia who have saved more than 50% of the fuel costs and consumption (this has a clear positive impact on the environment)

Tracking and Monitoring:

1. **Crew welfare:** Existing solutions range from $5k to $30k for the small to medium boats segments. This solution is provided to the customers at a very affordable rate for both one-time investment as well as monthly airtime expenses.The crew are now able to take advantage of the messaging feature from the SAILOGGER and can remain in touch withtheir families and friends ensuring connected communities.

2. **Crew safety:** Due to the remote track and monitor features of SAILINK Navigator+, the crew can alert multiple recipients when the vessel is in distress. This feature also helps the search and rescue center to pinpoint the exact vessel location and remain in constant touch with the vessel over the voice feature of Thuraya MarineStar.

HOW DOES IT WORK?

Thuraya Satellite

Data relay via Cloud

Data relay to satellite

Data relay via Communication Gateway

Sensors Onboard

Exhaust Sensor

RPM Sensor

Data Relay

Sailogger

MarineStar & Cubic

MobileNavPlus
User-friendly Web & Mobile interface

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