



Thuraya MarineStar



Thuraya SatTrack

Secure, Reliable and Affordable Maritime Messaging, Tracking and Monitoring Service

Thuraya SatTrack is a web-based messaging, tracking and monitoring service, developed for fishing vessels fitted with the Thuraya MarineStar voice, messaging, tracking and monitoring solution. It is a low-cost turnkey subscription-based application available to users as part of Thuraya's SeaLite portfolio of narrowband services. SatTrack facilitates sustainable fishing practices, better crew safety and welfare as well as fleet visibility and management in real time.

Thuraya SatTrack helps MarineStar users stay in command and gain vital market advantage, while ensuring compliance with national and international fishing laws and regulations. Various tracking types and terminal alerts can be configured on the system enabling owners and operators to track and monitor their active vessels in real time. As a result, they are able to make critical decisions quickly and efficiently, resulting in significant cost savings. SatTrack subscribers do not have to delve into multiple layers of data for comprehensive insights. Its user-friendly dashboard displays the required information from onboard MarineStar terminals. Besides the versatile tracking and monitoring features, it can receive SOS alerts and fish catch reports, send push notifications to deliver weather updates, news and emergency information and enable crew calling facility for their welfare.

This service delivers almost instant updates about vessels anywhere within Thuraya's network, spanning 80% of the world's fishing hubs. Aside from producing fish catch reports and detailed logs about permitted fish types and gear, SatTrack systematically records the locations of customers' active vessels, triggering alerts, whenever they enter restricted zones or go in and out of defined areas. The areas earmarked by the local fishing authorities can be configured in the terminal, so that regulatory bodies and buyers can easily validate whether the catch brought ashore is legally caught and fresh. Proper access controls ensure that the data is protected, and not manipulated.

Its GPIO features menu and MarineStar's serial port allows third-party integrators to further enhance various applications such as fuel monitoring and system performance via SatTrack API integrations. This information can be used to improve route planning and operational efficiencies. SatTrack also enables whitelisting and blacklisting of call numbers, effectively putting checks on expenses accrued by crews.

With a flexible pricing model based on usage, SatTrack protects subscribers from bill shock. It further amplifies the benefits of Thuraya MarineStar - making it a best-in-class, end-to-end tracking and monitoring solution that gives users the upper hand.

Features



Online Dashboard:

To start using the SatTrack service, sign up as a new subscriber and log on from a PC or laptop to view the data reported from the MarineStar terminals onboard vessels. The interactive dashboard offers different view types with tools for easy navigation.



Vessel Tracking:

Vessels' historically reported positions can be viewed on the SatTrack map. In addition, the portal allows polling of current location to provide real-time location information critical for operations. Furthermore, users will receive alerts when vessels enter or exit programmed areas, in addition to terminal alerts, which provide valuable information. SatTrack features multiple map layouts upon which users can overlay and monitor geofences. Users can browse through fleet groups, hierarchies and locate vessels with just a click.



Geofencing:

You can define areas in a user friendly way and assign them to portal areas, tracking areas or restricted zones as required. The system reports geo-fencing alerts when entering or existing the areas.



Messaging, Notifications and Alerts:

You can communicate critical notifications like weather updates, emergency information etc., to the vessel and have regular messaging service ensuring crew welfare and safety.



Remote Programming:

You may remotely configure different types of tracking, fish types, fishing gear and vessel details, adding more recipients for tracking, SOS and much more.



Data Export:

Tracking history can be exported to a localized Laptop or a PC and customized API's can be enabled for specific data exporting and processing.



SOS Alert Notification:

Enable additional crew safety by receiving distress notification alerts from the the vessel and process it further as required with SAR agencies



*Fleets Customization:

You can create fleet profiles and assign them to a group of vessel for a quick and easy tracking setup with common trail colors for identification.



Fish Catch Reporting:

Use the fish catch reporting capability of Thuraya MarineStar to log fish catch. Retrieve, update and validate fish catch logs and fishing gear remotely. Project-based customizations are possible. The areas earmarked by Food and Agriculture Organization (FAO) and Exclusive economic zone (EEZ) for maritime fishing are highlighted on the application.



*Port and Fishing Status Updates:

This feature allows further operational visibility by receiving crew enabled Port IN/OUT or Fishing START/STOP notifications from the MarineStar to ascertain sailing and fishing duration.

*available soon