

THURAYA 

[www.thuraya.com](http://www.thuraya.com)

Follow us on    /thurayatelecom

**Thuraya SeaStar**

Unrivalled functionality now  
within everyone's grasp



**THURAYA**   
MARINECOMMS



## Thuraya SeaStar



*Thuraya has enhanced its reputation for high quality satellite communications by designing a circuit switched voice terminal that brings maritime communications within the reach of all that operate at sea. Thuraya SeaStar offers unrivaled functionality and unprecedented levels of value.*

*Thuraya's new terminal meets the evolving needs of the modern fishing market, introducing the power of modern satellite communications capability to small scale operators. Thuraya SeaStar is ideal for smaller and regional owner operator fishing vessels, although its appeal also extends to other operators looking for support systems.*

*Designed specifically for harsh maritime environments, and to IEC 60945 standards, Thuraya SeaStar also satisfies the operational and crew welfare requirements of larger vessels. Delivering the reassurance of constant connectivity and communications, Thuraya SeaStar offers voice, SMS, data and tracking, on an easy and intuitive interface that is based on the Android operating systems.*

## Applications



*Thuraya SeaStar is a circuit switched voice terminal manufactured in partnership with Westone. Conforming to IEC 60945 requirements, Thuraya SeaStar offers voice, SMS, data and tracking, on an easy and intuitive interface. Users can make satellite voice calls to normal PSTN phones, mobile phones and other satellite phones through the Thuraya satellite network. Thuraya SeaStar can also have a standard analogue phone plugged into it as an extension.*

### **Applications:**

- *Supports communication needs of fishing vessels and regional merchant vessels*
- *Emergency calls and notification capability*
- *Fleet management*
- *Crew Calling*



## Features & Functions

### **Base Terminal**

- Supports basic telephony functions, calling line identification presentation (CLIP) and short message services (SMS), network function and link to circuit switch phone
- Phone book retrieval from the terminal with storage of up to 3,000 contacts
- Call log: last missed, received and dialed calls each with date and time stamps with storage of upto 100 call logs
- Menu-driven graphical user interface with 65K colors, 320 x 240 pixels, 2.4" TFT LCD screen
- MMI in English
- Backlit keypad
- Desk and wall mount cradle
- One Alert button for triggering an emergency alert to pre-configured contacts via SMS
- External Alert button input port
- External loudspeaker plays incoming call ring and SMS notification ring
- Configurable to support:
  - Automatic Position Reports (APR)
  - Polling for an on-demand position report base on GPS tracking
  - Geo-fencing. Up to 5 polygon areas (circular or rectangular) can be configured. Sends an alert when the vessel enters or leaves an area
- RJ45 port for GmPRS LAN connection
- RJ11 port for analogue phone connection

### **Antenna Unit**

#### **Active Antenna**

- Omni-directional active Thuraya satellite antenna with built-in active GPS antenna.
- Up to 75 meters of LMR400 (or equivalent) co-axial satellite antenna cable

# Specifications



Service	
Voice	
SMS	up to 160 characters
GmPRS	60Kbps/15Kbps(Download/Upload)
GPS Specifications	
Number of Tracking Channels	20
GPS Position Accuracy	<10m
Operating Environment	
Antenna Unit (ADU)	
Operating Temperature	-25°C to +55°C
Storage Temperature	-40°C to +80°C
Base Terminal (BDU)	
Operating Temperature	-15°C to +55°C
Storage Temperature	-20°C to +70°C
System	
Power Supply	10.8 to 31.2V
Standby / Working Average Power Consumption	10W / 16W
Operating Humidity	Up to 95% (non-condensing) at 40°C
Size	
Base Terminal (L x W x H)	210×205×85mm
Active Antenna (D x H)	164×170mm
SAT Cable	25m
GPS Cable	25m
Weight	
Base Terminal	1.2kg
Active Antenna	1.1kg
Antenna Mounting Kit	0.5kg
SAT Feeder Line	0.67kg @ 25m
GPS Feeder Line	0.65kg @ 25m

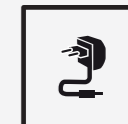
SIM Card Holder



Mini -USB Port



DC Power Connector 24V

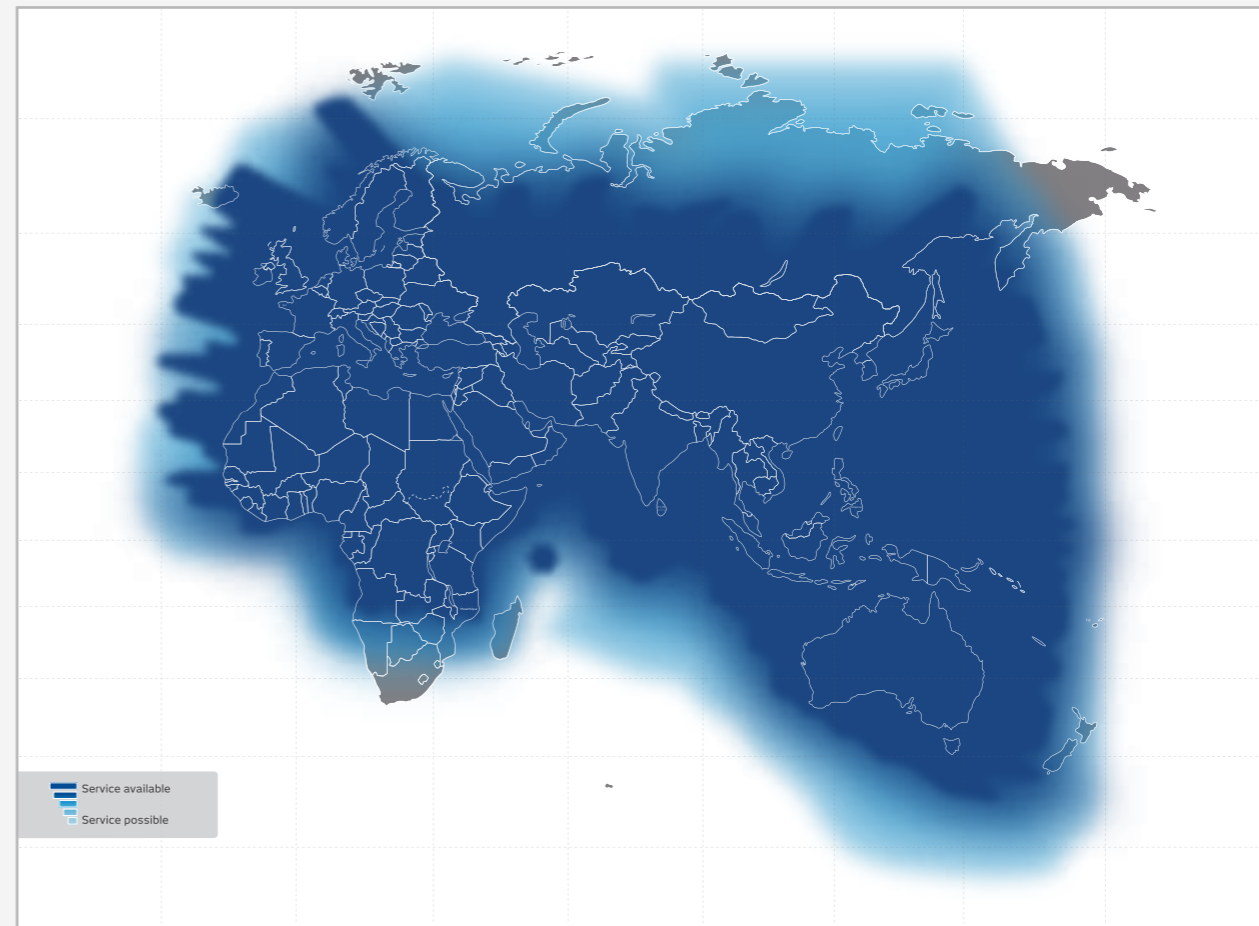


# Thuraya's Coverage Area

*Thuraya SeaStar enables you to stay connected and communicate via satellite across Thuraya's footprint, which extends across 161 countries in Asia, Australia, Africa, the Middle East and Europe.*

*Wherever your mission or business operations take you, Thuraya SeaStar provides the advantage of reliable satellite communications even in the most challenging environments and remote locations.*

*Thuraya SeaStar connects you, no matter where you are.*



This map represents Thuraya expectations of coverage. For further information, please contact Thuraya Customer Care at [customer.care@thuraya.com](mailto:customer.care@thuraya.com) or visit [www.thuraya.com](http://www.thuraya.com)