



Ello 60

Integrated Ku-Band Maritime USAT System with 60cm stabilized tracking antenna and TCU-420 Modem and antenna controller.

Ello 60 system breaks the traditional barrier of size and cost for a stabilized antenna system for maritime telecommunications.

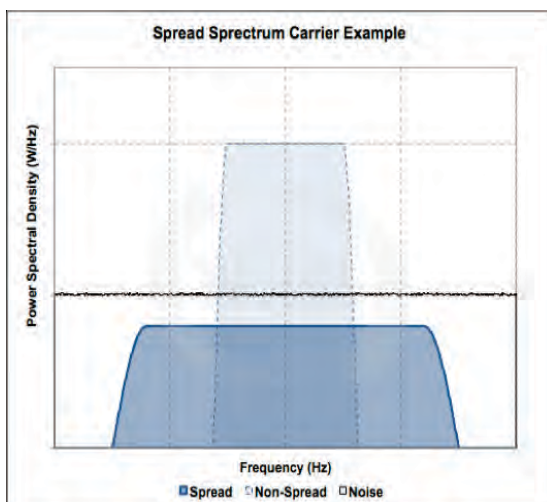
Designed from scratch, consisting of a terminal that integrates the marine antenna to the modem, the system dispenses the traditional antenna control unit (ACU).

In this way, signal tracking and antenna control is done directly by the modem on the received carrier, raising the degree of antenna pointing and accuracy.

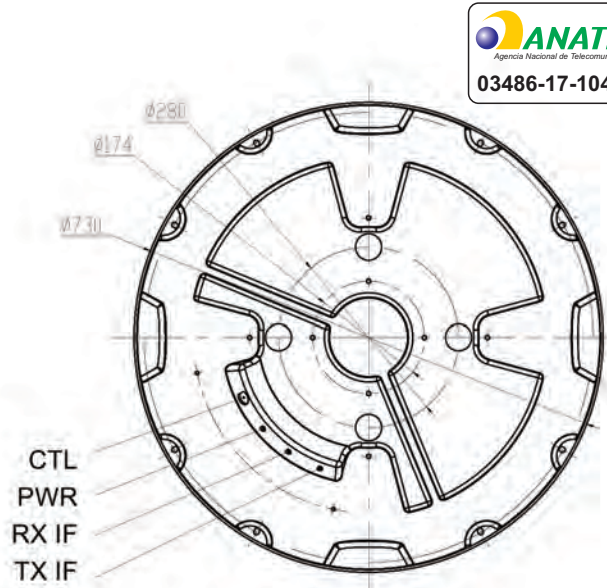
In addition, the patented *3D Spread Spectrum* transmission technology allows the system to track the satellite and keep the antenna pointed even at signal levels below the satellite noise threshold.



- **Compact and integrated design without ACU**
- **No ship Gyrocompass signal required**
- **IFL, USB and Ethernet interfaces**
- **Power supply 24VDC or 100-240 VAC**
- **WEB-GUI monitoring interface for local and remote access**
- **Easy installation - no commissioning required**
- **Plug and Play design**



Model	Ello 60 Ku Band
Polarization	Linear
Stabilized Platform	3 axes plus auto-polarization
Azimuth Range	420° with cable unwrap system
Roll Range	-25° ~ + 25°
Elevation Range	0° ~ 90°
Tracking Speed	> 12° / Sec.
TX Frequency	14.0 a 14.5 GHz
TX Gain	37.0dBi @ 14,25 GHz
RX Frequency	10.7 a 12.75 GHz
RX Gain	35.5 dBi @ 11,75 GHz
Radome Size	Height 0,775m; Diam. 0,73m
Antenna Weight	40Kg
Antenna Size	0,6m
BUC	3W
Cables	IFL up to 30m ; CAT 6 up to 100m (15m Cables incl.)
Interfaces	F Connector, Ethernet IP and Serial
Voltage	24 VDC, 100 a 240 VAC
Power Consumption	50W Typical. 60W max.
Temperature	0° a 60° C



Exclusive Distributor:



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