



**RUGGED. REMOTE. RELIABLE.**

Satellite Asset Monitoring Solutions

## COMMERCIAL FISHING

### WD 750 VMS DB

**A powerful dual mode GSM/GPRS and Iridium® Satellite MTU (Mobile Transmitting Unit).**

The Faria Beede MTU system provides reliable and cost-effective marine satellite tracking and communications anywhere in the world, including the northern A-4 waters, and meets the demanding requirements of the commercial fishing industry.

The Faria Beede Vessel Monitoring System is Type-Approved by over 50 countries and agencies around the world including;



Western & Central Pacific Fisheries Commission



#### Key Features / Benefits:

- 9-36 volt DC operation. This system harness provides wiring for the optional back-up battery and a connector for the Faria VTERM™ display.
- The WD 750 VMS DB can be installed on any size boat.
- The WD 750 VMS DB comes as a complete kit including MTU, all connectors and harnesses, GPS, GSM and Iridium® antennas with mounts, 28 foot antenna cables (LMR240) and a 2 inch user interface.
- Keep in touch with daily status and position reports with mapping, position history, message logs and low system voltage alarms via a secured log-in on [www.vmstracking.com](http://www.vmstracking.com).
- A cost effective messaging, e-mail and reporting system with throughput rates of up to 40 kbits/s when operating a GSM/GPRS network.
- All Activity Code Declaration and Catch & Notification Forms can be updated over the air to the WD 750 VMS DB.
- Iridium Anywhere Service - Faria Beede utilizes the highly reliable Iridium Satellite Network for position reporting, e-mails and emergency reporting with airtime rates for e-mail as low as \$0.02 per byte.
- Keep in touch – Faria Beede provides each vessel with a No-Cost, secured log-in on [www.vmstracking.com](http://www.vmstracking.com) to see vessels current status with mapping, position history and to report low system voltage.

#### Advanced Features

- U-blox 50 Channel GPS for highly accurate positioning
- Sierra Wireless Quad-Band GSM Module
- Iridium Satellite Modem powered by Quake®
- Low Power Draw
  - Power Conditioning
  - Reverse polarity protection
  - Re-settable internal fuse
- Interface - Weather resistant Deutsch, DT Series connectors
- Compact, rugged injection molded case. IP-64 Rated
- On-board J1708 and J1939 CAN and wired OBDII interfaces to provide vehicle data and reporting of diagnostic codes
- RS232, RS422 and RS485 interfaces
- 2MB of compact flash RAM for data logging that can be requested over the air or downloaded locally
- Four factory configured I/O's

## Faria Beede Telematics Advantage

**Turnkey Service:** We supply a turnkey service including systems design, website and back office integration (APIs), hardware, firmware customization/integration, and installation (through qualified installers or in conjunction with your in-house team.) We then provide ongoing post-deployment support and customization.

**Rapid ROI:** Customers typically report less than six months, from date of installation, to achieving a positive return-on-investment (ROI.)

**Support:** The level of support you demand — backed by the Faria Beede Telematics Service Level Agreement (SLA). We

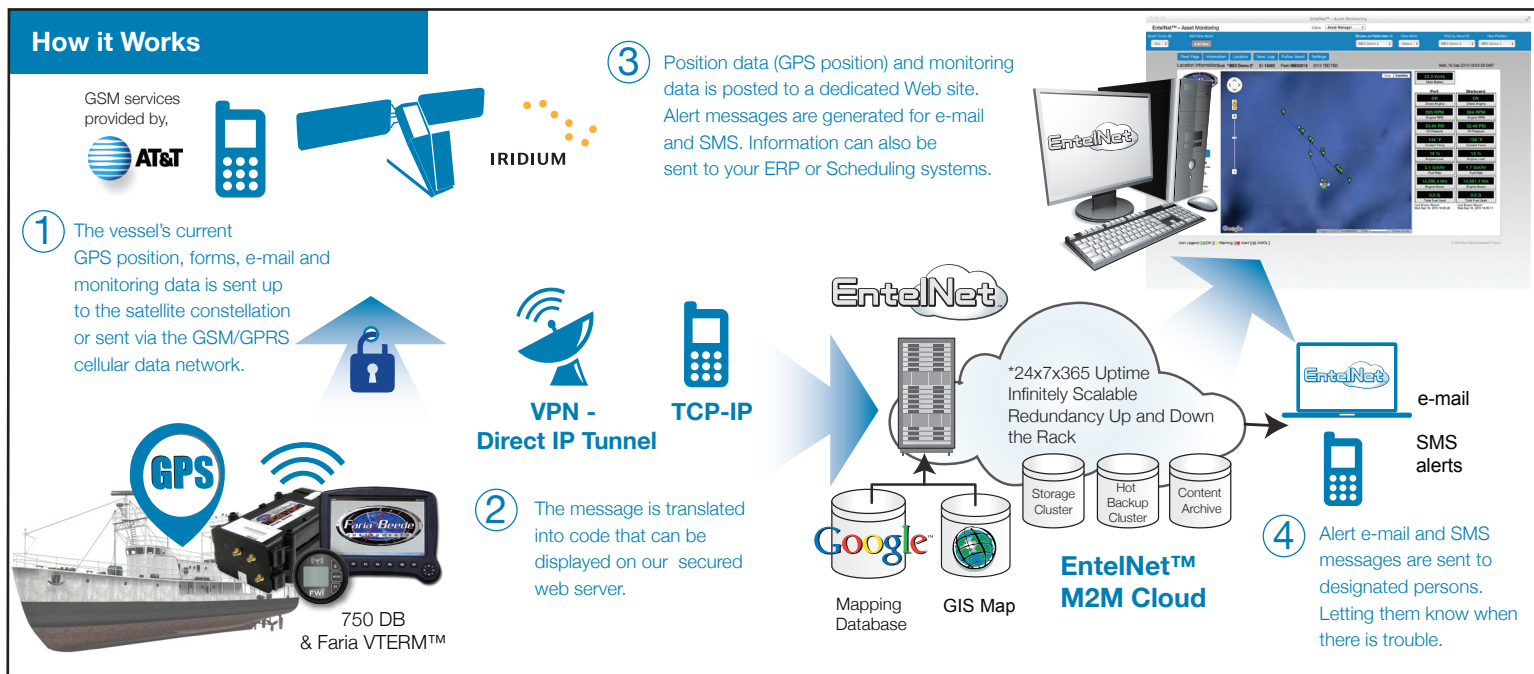
understand that you operate in a high-consequence environment. Where needed, our technical support staff are available 24x7x365\* to troubleshoot issues, provide support, and ship replacement hardware overnight to most locations.\*\*

**Worldwide coverage\*\*\*:** Our Iridium satellite based solutions are designed to operate in the most caustic and industrial environments and provide true global coverage. You now have the option to select a single global supplier, to cover all Operating Companies and Project Locations.

\* Additional service fees apply

\*\* United States only, international locations typically 2-7 days

\*\*\* Subject to local licensing restrictions on Iridium service



All of our hardware is built on ISO-9001:2008 certified production lines and tested for use in the harshest C & I, Mining, Oil & Gas and Maritime environments. From the North Slopes of Alaska, to Workboats in the North Sea, you can be confident that your Faria Beede Telematics solution will continue to perform.

Dimensions and Weight	L: 9" (229 mm) W: 4 5/8" (118 mm) H: 3" (76 mm) 3 lbs. (1430 gr.)	Specifications	Voltage: 12 & 24V ready (9.5-36VDC power) Operating Temperature: -20C to +85C Storage Temperature: -40C to +85C Water and Weather Resistance: IP64 Humidity: 90% RH at 29°C for 24 hours Shock Resistant: MIL-STD-202, 50G Vibration Resistant: SAE J1455 Corrosion Resistant: ASTM-B117-73, 48 Hr
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### Accessories



#### FW VTERM™

- 7-inch WVGA TFT color display with an integrated touch-screen.
- Use the display for text messaging, forms reporting and e-mail.

#### 2" User Interface

- Displays system status, when unit detects a GPS fix and an open communication channel.
- Can be used to send emergency notifications



#### LONEWorker

Man Down™ system

The worker worn device (FW-600SP) protects the lone worker by communicating an emergency message with the worker's GPS position real-time over the Iridium satellite network. This device also provides for two-way text messaging and is certified Intrinsically Safe for use in hazardous environments.

#### Active RF ID Tag

Asset Tracking system

**For more information contact**



Tel: 860.848.6600  
Web: [www.FariaBeede.com](http://www.FariaBeede.com)

