TracNet Coastal Overview

Stream. Talk. Watch. Connect.
Enjoy faster, smaller, more intelligent communications at sea

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Recognizing Demand Among Partners & Boaters

- **Vessels require more and faster data to support business and personal connectivity along with a move toward home-like content streaming**
- **LEO services helping to fill that need but 5G offers great benefits**
- **Introducing TracNet Coastal**
  - Integrated 5G/LTE and Wi-Fi with extended range via high-gain antennas
  - KVH Fusion eSIM technology
  - Data speeds as fast as 300+ Mbps
  - Data as low as $1 per gigabyte
  - A viable alternative and/or supplement to Starlink
  - Hybrid upgrade to legacy KVH terminals or third-party antennas
  - Fully compatible with KVH's CommBox Edge Communications Gateway for advanced network and bandwidth management

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TracNet Coastal Key Features

- **Multi-channel connectivity – integrated cellular/Wi-Fi system with intelligent hybrid switching**
  - Save data by automatically switching to shore-based Wi-Fi network
- **Fast and versatile**
  - Speeds as fast as 300 Mbps & 5G-compatible
  - Above-decks, marinized shore Wi-Fi client for improved Wi-Fi performance and range
  - Switching between cell, Wi-Fi, and other WANs
    - Starlink, OneWeb, VSAT, etc., via TracNet Coastal Pro Hub or CommBox Edge
  - Wi-Fi access point for belowdeck use with TracNet Coastal Pro
- **Single-cable, DC-powered maritime design**
  - Conformal coating on circuit boards, designed for temp/humidity

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KVH Fusion eSIM Technology

- **Extending KVH's intelligent hybrid switching to global cellular coverage via multiple carriers**
  - Eliminates need for multiple SIM cards & manual carrier/service switching
- **Key features**
  - Over-the-air delivery of multiple cryptographically protected carrier profiles
  - Automatically provision cellular services on carrier network
  - Relies on exact profile for the regional carrier, not roaming connections
  - Internet egress in region to address location-specific services (e.g. Netflix)
  - Intelligently switches among profiles based on location or other parameters (e.g., cost, performance)
  - Deliver updates in the background for improved performance, options
- **We are always looking for best pricing, performance, expanded coverage**
  - KVH Fusion eSIM enables us to deliver these over the air with no user action required

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TracNet Coastal Hardware Options

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Two TracNet Coastal Options

TracNet Coastal Pro	TracNet Coastal
Designed for standalone use and as an integrated, fully functional hybrid upgrade for third-party antennas	Designed as a highly affordable standalone, self-contained system or for integration to support hybrid functionality
• 5G/LTE and Wi-Fi in ultra-compact radome • TracNet Hub (DC-powered) • Hybrid hub functionality to switch between 5G, Wi-Fi, and as many as two additional third-party antennas (Starlink, OpenNet, etc.) • Built-in Wi-Fi and ethernet router • Natively supports Wi-Fi calling via supported phones • Supports user-supplied SIM cards	• 5G/LTE and Wi-Fi in ultra-compact radome • Belowdeck Power-over-Ethernet Injector • Can support Wi-Fi calling via supported phones provided external Wi-Fi network is connected • Easy integration with existing CommBox and KVH Connectivity Gateway to add hybrid functionality with other onboard communications
MSRP: $2,495 AgilePlans: $120/month	MSRP: $1,495 AgilePlans: $90/month

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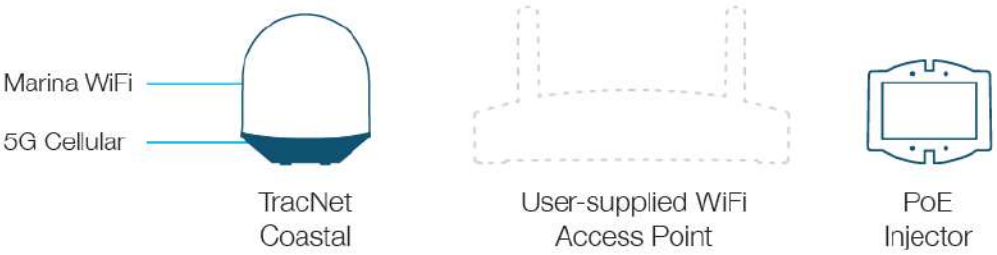
Below Deck Unit Specification

TracNet Coastal



TracNet Coastal Pro

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Superior Cellular Technology Design

- **Dramatic performance improvements over earlier KVH LTE cellular systems**
  - More than a 10x download improvement and a 12x upload improvement over LTE-1 Global
  - Combined benefits deliver superior connections anywhere in the world with cellular coverage

Parameter	TracNet Coastal & H-series Cellular Radio	TracPhone LTE-1 Global Cellular Radio
Frequency range	**600 - 6000 MHz**	700 - 2700 MHz
# of 3G Cellular Bands supported	**8**	6
# of 4G Cellular Bands supported	**31**	14
# of 5G (sub-6-GHz) Cellular Bands supported	**19**	0
Cellular Band total	**58**	24
# of Cellular Bands that can be used simultaneously	**5**	2
# of antennas used	**4**	2
Max, data rate (limited by ethernet interface) (DL/UL)	**1000/600 Mbps**	100/50 Mbps

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TracNet Coastal Airtime Plans

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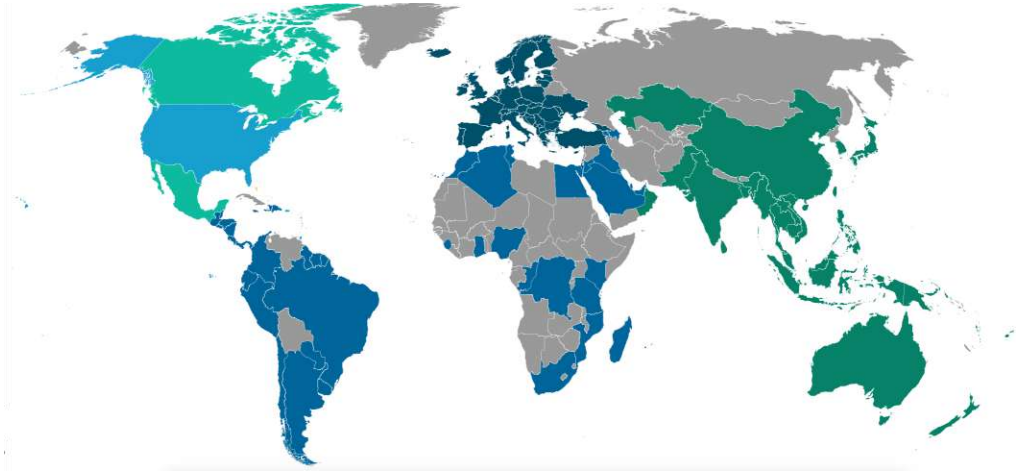
Flexible Month-to-Month Coastal Plans

Zone 1	**USA** Choose a service from **$1.00 per GB**	More…
Zone 2	**Europe** Choose a service from **$2.00 per GB**	More…
Zone 3	**Canada, Mexico** Choose a service from **$3.00 per GB**	More…
Zone 4	**APAC** Choose a service from **$3.75 per GB**	More…
Zone 5	**Global** Choose a service from **$10.00 per GB**	More…
Zone 6	**Bahamas (coming Q1 2025)**	More…

Choose one or more Coastal Plans



Both roaming and overage = Pay-as-you-Go
Map and searchable table available via:
kvh.com/coastalzones
KVH Manager

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Data Plan Options (MSRP)

- **Regional plan options**

ALLOWANCE	ZONE 1 - USA $/MONTH	ZONE 2 - EUROPE $/MONTH	ZONE 3 – CANADA/MEXICO $/MONTH	ZONE 4 - APAC $/MONTH	ZONE 5 - GLOBAL $/MONTH
20 GB	N/A	☐ $40	☐ $60	☐ $75	☐ $200
100 GB	☐ $100	☐ $200	☐ $300	☐ $375	☐ $1,000
300 GB	☐ $300	☐ $600	☐ $900	☐ $1,125	☐ $3,000
500 GB	☐ $500	☐ $1,000	N/A		
1 TB	☐ $1,000	☐ $2,000			
Overage per GB	$4	$4	$5	$5	$12

- **Pay as you go options (requires an active regional plan as well)**

ALLOWANCE	ZONE 1 - USA $/GB	ZONE 2 – EUROPE $/GB	ZONE 3 – CANADA/MEXICO $/GB	ZONE 4 – APAC $/GB	ZONE 5 - GLOBAL $/GB
Pay as You Go	☐ $4	☐ $4	☐ $5	☐ $5	☐ $12

- **One-time Activation $200; Monthly Suspension $10/mo; OneCare $19/mo**

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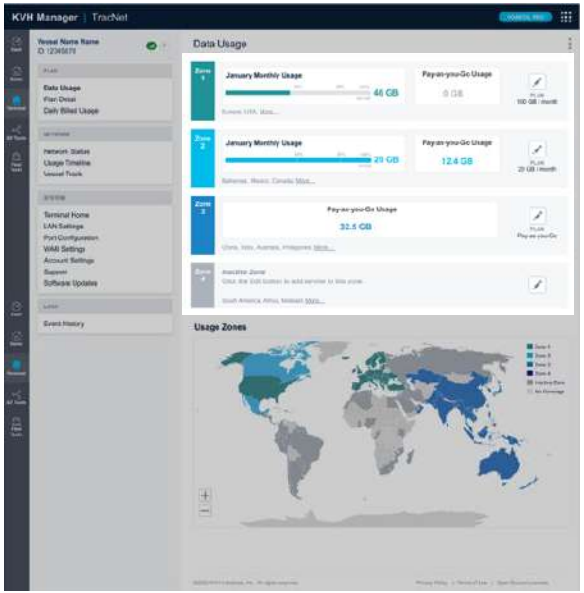
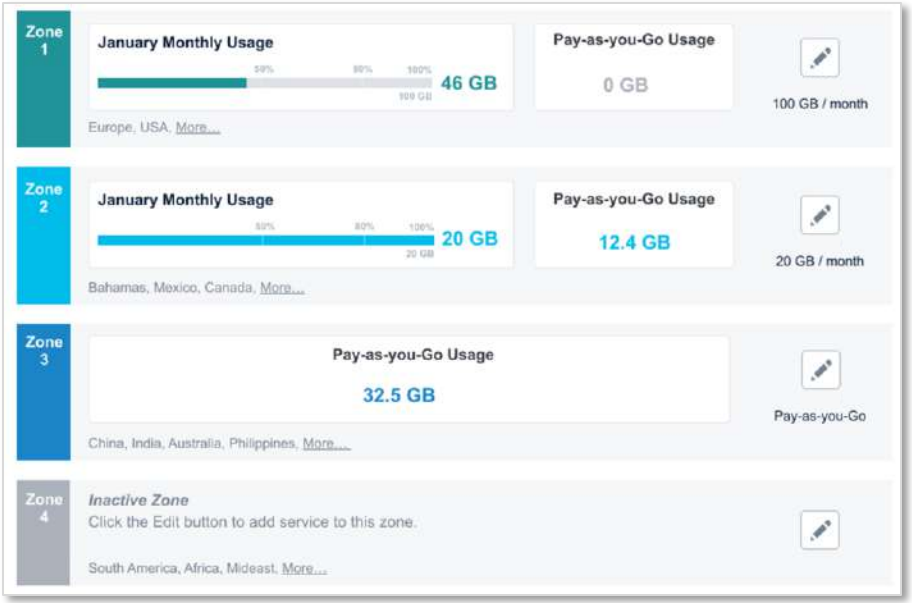
Transparency and Reporting in KVH Manager

- **In KVH Manager, the customer sees usage updates for each zone service**
- **Geo Track (Vessel Position) Data included at no additional cost**





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Using a Customer-supplied SIM and Alternate WAN Sources

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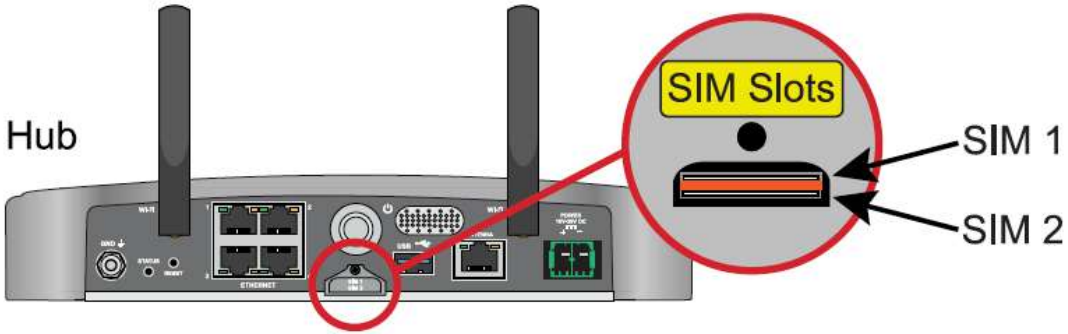
Access to Customer-supplied SIM Requires Pro

- **Two customer-supplied SIM slots are available in the belowdeck Hub**
- **SIM must be activated by the third-party provider to pair it with TracNet Coastal**
- **SIM will be visible as WAN option in KVH Manager but will not display any data use or other data typically available via KVH's eSIM**



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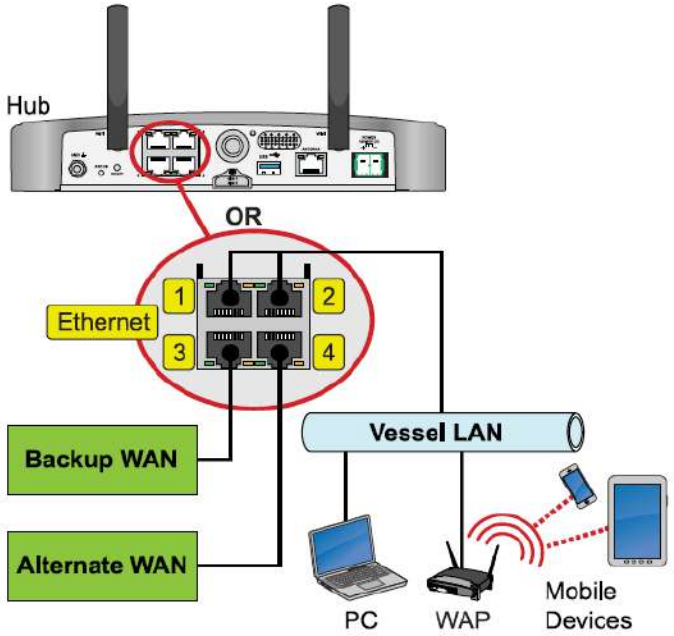
Pro Hub Includes Support for Alternate WANs

- **TracNet Coastal Pro is equipped with intelligent hybrid switching**
  - The same functionality included with TracNet H-series
- **Alternate WAN Choices**
  - Alternate WAN, which serves as the primary connection (e.g., Starlink or OneWeb)
  - Backup WAN for use when nothing else is available (e.g., Iridium Certus)



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Four Great Reasons to Plan for TracNet Coastal

1. **The Speed and Affordability of 5G/LTE at Sea**
   - Data speeds as fast as 300+ Mbps or faster plus high-gain Wi-Fi reception in marinas and ports
   - Data plans starting as low as $1/GB
2. **Global Cellular Coverage via KVH Fusion eSIM and carrier agreements**
   - Connect in 135+ countries via the KVH ONE cellular network via month-to-month data plans
   - Enjoy the flexibility of Bring Your Own SIM
3. **Stay Always Connected with Intelligent Hybrid Connectivity**
   - Intelligent switching among 5G, LTE, and Wi-Fi with integrated onboard router
   - Perfect hybrid complement for existing onboard communications
4. **Compact, Easy-to-install Integrated Design**
   - Commercial-grade, ultra-compact marine antenna with single cable installation and DC power

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