



KVH Announces CHARTlink for ChartCo, Delivering Charts and Publications to Vessels at Sea Seamlessly

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Gigabytes of ChartCo digital content will be multicast via KVH's IP-MobileCast content delivery service, eliminating cost and delay

MIDDLETOWN, R.I., and LILLESTROM, NORWAY, May 31, 2017 (GLOBE NEWSWIRE) -- KVH Industries, Inc., (Nasdaq:KVHI), announced today that it is launching a new service called CHARTlink™ for ChartCo, in association with leading digital chart distributor ChartCo, to transmit charts and a library of navigators' publications to vessels at sea in a timely and affordable manner. The two companies will be unveiling the new solution at Nor-Shipping 2017 in Lillestrom, Norway, this week, in KVH booth B04-20 and ChartCo booth C03-02F.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/69e4e4a9-d9d9-4c75-9f60-c2db01d3709d>

For ship managers and officers who need to know that their vessels are ready for the next voyage, CHARTlink for ChartCo is designed to ensure fast, affordable delivery of the updates needed to conduct safe voyages and comply with the International Maritime Organization (IMO)'s regulations requiring the carriage of navigational data using an Electronic Chart Display and Information System (ECDIS).

"We keep a close track of developments in satellite communications to determine the best solution for getting voyage-dependent content to customers who transit the globe on thousands of vessels," says Martin Taylor, CEO of ChartCo. "Our evaluation of IP-MobileCast led us to conclude that it's a great solution. We're happy to be working with KVH on this joint initiative and new delivery method, and are confident our customers will appreciate its timeliness, reliability, and low price point."

KVH will transmit complete chart data and publications on a weekly basis to subscribing vessels via its IP-MobileCast™ content delivery service. The CHARTlink for ChartCo service will be included at no additional charge to subscribers of AgilePlans™ by KVH, the recently introduced all-inclusive, no-commitment Connectivity as a Service (CaaS) offering. KVH's mini-VSAT Broadband customers who wish to purchase CHARTlink for ChartCo separately can do so for a fixed monthly fee of \$49, per vessel.

Licenses for access to the encrypted content will be available from ChartCo. The content available includes ChartCo's proprietary digital products, which are used by more than 13,500 vessels today; and, as ChartCo is an authorized ADMIRALTY distributor, all of the United Kingdom Hydrographic Office (UKHO)'s vector charts and e-publications.

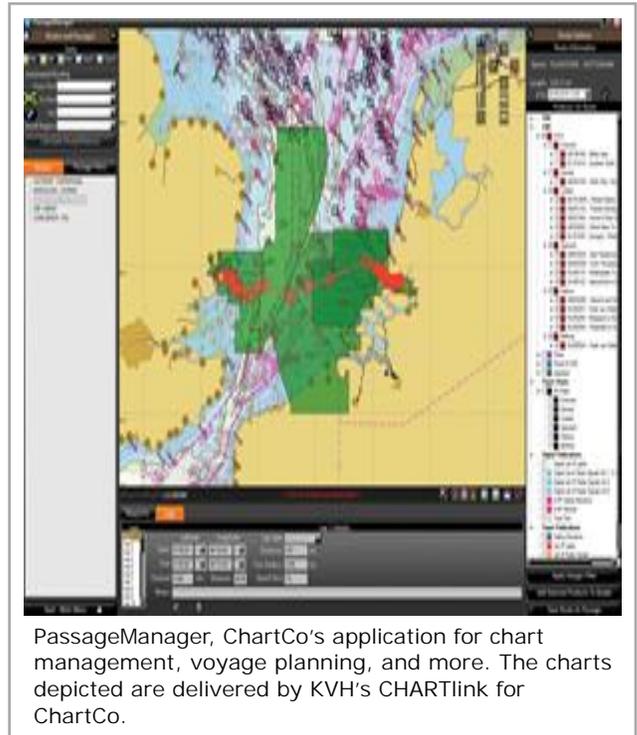
"We are happy to be working with ChartCo, a company whose prominence in providing charts and navigational data to commercial and leisure vessels is unquestioned," says Martin Kits van Heyningen, KVH CEO. "ChartCo has always been an innovator, and we are thrilled that they see IP-MobileCast as a high-value delivery solution for its customers."

With the advent of the IMO's mandate that vessels must carry charts that comply with ECDIS—a mandate that is nearing the final 2018 deadline of a rollout that began in 2012—chart distributors and vessel operators alike face the challenge of ensuring timely chart updates while at sea.

Using standard satellite communications for full chart set delivery is economically prohibitive, with airtime fees potentially ranging into the tens of thousands of dollars per ship for one global quarterly chart set. In light of those economics, customers typically opt for courier delivery of a DVD or USB, but that method involves uncertain logistics and customs clearance expenses. One KVH customer calculated that the average cost and time of delivering a DVD to a ship was \$100 and several weeks' delay.

The wide range of chart content, e-publications and software that KVH's CHARTlink for ChartCo is designed to deliver includes:

- Regs4ships: ChartCo's unique searchable database of digital maritime regulations including flag state compliance documentation combined with IMO, ILO, and EU legislation to provide an overall regulatory solution
- EnviroManager: ChartCo's unique environmental tool to assist vessels in complying with MARPOL regulations and national regulations worldwide
- New Editions and Updates to ADMIRALTY Vector Chart Service (AVCS) and ADMIRALTY Information Overlay (AIO): More



PassageManager, ChartCo's application for chart management, voyage planning, and more. The charts depicted are delivered by KVH's CHARTlink for ChartCo.

than 15,000 digital charts in vector format, compatible with all ECDIS types

- Updates to ADMIRALTY Digital Publications: Digital List of Lights, Digital Radio Signals volumes 1-6, and TotalTide
- New Editions and Updates to ADMIRALTY e-Nautical Publications: Electronic versions of official ADMIRALTY nautical publications including Sailing Directions
- Notices to Mariners, Paper Chart Corrections, and Paper Publication Corrections: From a wide range of authorities including the ADMIRALTY, United States, Japan, Australia, Norway, Canada, and India
- MetManager Global Weather Forecast Service: Delivered four times per day as IP-MobileCast FORECASTlink™, this is included with CHARTlink at no additional cost, on customer request
- Port Data: Comprehensive and up-to-date port data as published in the IHS Ports and Terminals Guide
- NAVAREA Warning Updates: Urgent time-critical navigational warnings for all 21 NAVAREA regions
- International News: Daily NEWSlink™ international news and regional supplements

CHARTlink for ChartCo is the latest addition to KVH's IP-MobileCast content delivery service, which utilizes multicasting technology to deliver news, sports, entertainment, training, charts, and weather content to vessels with no data transmission costs. To receive IP-MobileCast content, a vessel must have a KVH TracPhone® V-IP series satellite communications system onboard, and an active mini-VSAT BroadbandSM monthly airtime plan. IP-MobileCast is part of KVH's complete maritime solution, which includes TracPhone antenna systems, mini-VSAT Broadband global connectivity, Videotel™ maritime training programs, crew welfare and operations content, and KVH OneCare™ global support.

Note to Editors: For more information about ChartCo, please visit the [ChartCo website](#). For more information about KVH's IP-MobileCast operations data services, please visit the [IP-MobileCast website](#). For more information about AgilePlans by KVH, please visit the [AgilePlans website](#). High-resolution images of KVH products are available at the [KVH Press Room Image Library](#).

About ChartCo

ChartCo is a global leader in marine compliance and navigation data solutions. It is the world's longest-established distributor of navigational data worldwide, with more than 13,500 vessels purchasing its products and services each year. PassageManager is ChartCo's flagship software and allows access to ChartCo's full range of services through an intuitive graphical interface providing quick monitoring of all update statuses. Regs4ships is ChartCo's unique, searchable database which combines flag-state compliance documentation with IMO, ILO, and EU legislation to provide an overall regulatory solution. Docmap is ChartCo's world-leading, safety and quality management system, a next-generation platform for HSEQ compliance. ChartCo's Training & Consultancy arm provides a range of training courses and expert consultancy by qualified mariners, designed to help improve safety, security, and overall compliance.

About KVH Industries, Inc.

KVH Industries is a leading provider of in-motion satellite TV and communications systems, having designed, manufactured, and sold more than 200,000 mobile satellite antennas for applications on vessels, vehicles, and aircraft. KVH is also a leading news, music, and entertainment content provider to many industries including maritime, retail, and leisure. Videotel™, a KVH company, is a *market-leading provider of training films, computer-based training and eLearning*. KVH is based in Middletown, RI, with research, development, and manufacturing operations in Middletown, RI, and Tinley Park, IL. The company's global presence includes offices in Belgium, Brazil, Cyprus, Denmark, Hong Kong, India, Japan, the Netherlands, Norway, the Philippines, Singapore, and the United Kingdom.

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For further information, please contact:

Jill Connors
Media Relations & Industry Analyst Manager
KVH Industries, Inc.
Tel: +1 401 851 3824
jconnors@kvh.com

Mima Bridgman
Marketing Manager
ChartCo
Tel: +44 (0)1992 805478
mima.bridgman@chartco.com



