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# BlackSky and Spire Team Up to Create Real-Time, Commercially Available AI-Driven Maritime Custody Service

First-of-its-kind low-cost, flexible tracking system uses radio frequency emissions to automatically task imagery, detect and classify vessels and continuously monitor change

HERNDON, Va.--(BUSINESS WIRE)-- BlackSky Technology Inc. (NYSE: [BKSJ](#)) and Spire Global, Inc. (NYSE: [SPIR](#)) have teamed up to create a real-time, commercially available [Maritime Custody Service](#) (MCS) that can automatically detect, identify and track more than 270 thousand vessels worldwide in open water, along rivers and canals, and while docked at port.

“BlackSky and Spire have developed a very cost-effective and flexible vessel tracking service capable of delivering on-demand maritime intelligence at scale,” said Patrick O’Neil, chief innovation officer at BlackSky. “The unique AI-driven system reduces end-to-end latency across the entire tasking, collection, processing, exploitation, and dissemination process. With interoperability in mind, the MCS provides an easy-to-use autonomous, continuous and predictive maritime tracking capability directly into customer hands.”

The MCS uses data from Spire’s satellites to detect RF emissions from maritime targets and then automatically tips BlackSky’s satellites to collect imagery. Once collected, BlackSky Spectra AI processes and analyzes the electro-optical images using artificial intelligence to detect vessels, estimate cargo, and monitor change over time.

“Fusing Spire’s satellite-based AIS data with BlackSky’s cutting-edge analytics delivers actionable insights and situational awareness that increase transparency into maritime operations and security for the national security, global supply chain and commodities markets,” said Iain Goodridge, Spire senior director of radio frequency geolocation products.

Monitoring global maritime activity is critical to safeguarding national security, identifying illicit ship-to-ship transfers, intercepting vessels engaged in smuggling or sanctions evasion, monitoring liquid and dry bulk commodity movements, and tracking illegal fishing in restricted areas.

## About BlackSky

BlackSky is a leading provider of real-time geospatial intelligence. BlackSky delivers on-demand, high frequency imagery, monitoring and analytics of the most critical and strategic locations, economic assets, and events in the world. BlackSky designs, owns and operates one of the industry’s leading low earth orbit small satellite constellations, optimized to capture imagery cost-efficiently where and when our customers need it. BlackSky’s Spectra AI software platform processes data from BlackSky’s constellation and from other third-party

sensors to develop the critical insights and analytics that our customers require. BlackSky is relied upon by U.S. and international government agencies, commercial businesses, and organizations around the world. BlackSky is headquartered in Herndon, VA, and is publicly traded on the New York Stock Exchange as BKSJ. To learn more, visit [www.blacksky.com](http://www.blacksky.com) and follow us on [Twitter](#).

### **About Spire Global, Inc.**

Spire (NYSE: SPIR) is a global provider of space-based data, analytics and space services, offering unique datasets and powerful insights about Earth so that organizations can make decisions with confidence in a rapidly changing world. Spire builds, owns, and operates a fully deployed satellite constellation that observes the Earth in real time using radio frequency technology. The data acquired by Spire's satellites provides global weather intelligence, ship and plane movements, and spoofing and jamming detection to better predict how their patterns impact economies, global security, business operations and the environment. Spire also offers Space as a Service solutions that empower customers to leverage its established infrastructure to put their business in space. Spire has eight offices across the U.S., Canada, UK, Luxembourg and Singapore. To learn more, visit [spire.com](http://spire.com).

### **Forward-Looking Statements**

This press release contains certain forward-looking statements within the meaning of the federal securities laws with respect to BlackSky. These forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "intend," "strategy," "future," "opportunity," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," and similar expressions. Forward-looking statements are predictions, projections, and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including but not limited to: (i) the ability to implement business plans, forecasts, and other expectations, (ii) achieve anticipated revisit rates and maintain current launch schedules, and (iii) our ability to predict and respond to customer trends. The foregoing list of factors is not exhaustive and is based on information available as of the date of this communication, and current expectations, forecasts and assumptions, and involve a number of judgments, risks and uncertainties. If any of these risks materialize or underlying assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that we do not presently know, or that we currently believe are immaterial, that could also cause actual results to differ from those contained in the forward-looking statements. In addition, forward-looking statements reflect our expectations, plans, or forecasts of future events and views as of the date of this communication. We anticipate that subsequent events and developments will cause their assessments to change. Accordingly, forward-looking statements should not be relied upon as representing our views as of any subsequent date, and we do not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws. Additional risks and uncertainties are identified and discussed in reports filed with the SEC, including within the section titled "Risk Factors" on BlackSky's registration statement on Form S-1, and available at the SEC's website at <http://www.sec.gov>.

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