



SKYLIGHT

A product of  Ai2

Impact Report

June 1, 2025 through May 31, 2026



Message from Our Team

The way technology gets built changed dramatically this year, powered by AI — and it changed what was possible for us too. For the Skylight team, that meant we could raise the bar. We challenged ourselves to do even more — the same way so many of our partners do every day, with limited resources and no shortage of will. Expanding our mission, reaching new use cases, and serving our users better stopped being a plan and started to become real, at a steady pace.

In keeping with what it means to be part of an open research institute, we released a public version of Skylight this year — extending our reach and giving many organizations broader access to data. We also took our first steps down the path of agentic AI, choosing to move as practically and as ethically as possible. Our partners walked this path with us — trusting us, and just as importantly, pushing us to go further.

This year has been intensely dynamic — and our team grew right along with it: in mission, in reach, and, for several of us, at home. It has also been deeply motivating. The ocean asks for extreme collaboration if we want to deliver real impact, and that collaboration is what fills the pages of this report. The Skylight family, in every sense, keeps expanding, and our commitment keeps growing alongside it.

Thank you to everyone on the frontlines, doing this work under real constraints, who inspire us to keep improving and giving our best.

*~ Natalí Giomi
Senior Regional Partnership Manager for Latin America & the Caribbean*

By the Numbers



120+ detections of suspicious or illegal activities



6000+ kg of illegally caught fish seized



1 fishing license suspended



915,000+ USD of fines collected



5 Search & Rescue operations supported



1 Vessel denied port entry



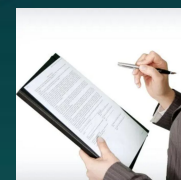
21+ vessels interdicted and fines issued



171 sea turtles protected



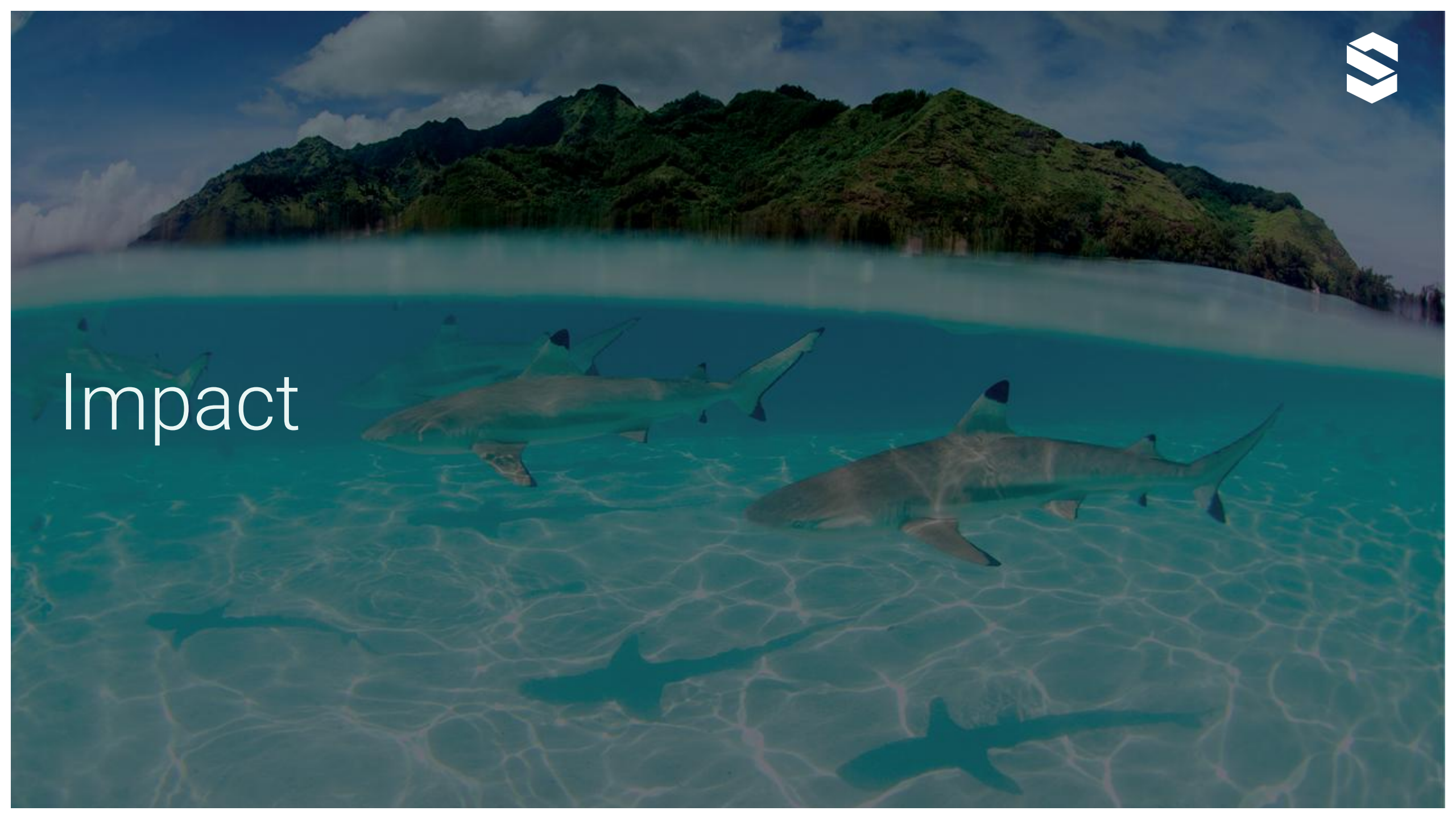
1 RFMO IUU Listing



2 Formal warnings/compliance notices issued



Impact



Beyond the Numbers

Building readiness for the next opportunity to act

Resources are not always available to act when Skylight surfaces suspicious activities, but the awareness helps our partners with future preparation and deterrence.

Source: November 2025 and May 2026 surveys

"For one, it has helped to **build up the capacity of the staff** in terms of utilizing remote services to monitor our marine space. Second, we are now more aware of the vessel activity in areas of interest, even though we are unable to ground truth and intersect based on the fact that we do not have a suitable vessel to do so."

Anguilla - Department of Natural Resources:
Fisheries and Marine Resources Unit

"Skylight provided data on the proximity of passing ferries to Chumbe Island and its Marine Protected Area. This is of considerable ecological concern, and **this data is being used to lobby government to implement legislation** that will push the ferries further away."

Tanzania — Chumbe Island Coral Park Ltd

"Skylight has helped the CBC to demonstrate to governments in the Greater Antilles countries that there is a lot of activity in their EEZ they had no idea about it and the usefulness of this and other remote tools to understand and take control of the EEZ in areas of importance for biodiversity conservation. **As a result, some of the countries has significantly increased their national conservation targets.**"

Dominican Republic — Caribbean Biological
Corridor

Regular recognition of Skylight as a key maritime data source and platform

Source: Unsolicited, reported feedback

Bangladesh Navy — highlighted Skylight as one of its core Maritime Domain Awareness systems at the ANU MDA Indian Ocean Conference (Dhaka, Nov 2025).

The National (UAE) — article on [AI's role in ocean conservation](#), following an interview at the IUCN World Conservation Congress (Oct 2025)

IUCN World Conservation Congress 2025 : "[Real-World AI for Conservation](#): Skylight and EarthRanger in the Field and at Sea" (Abu Dhabi, Oct 2025)

"UNODC — Global Maritime Crime Programme"
Cited as an expert source in the UNODC's [Annex D manual on Maritime Domain Awareness and Digital Evidence](#) (May 2026), referencing Skylight's insight on AI-enabled satellite tasking and the limits of remote-sensing versus AIS-based monitoring.

Fisheries Secretary Chubut Argentina [see more](#)

Sea Shepherd Global [see more](#)

The International Monitoring and Control Surveillance Network [see more](#)

Indonesia Ocean Justice Initiative IOJI has now been able to establish a strong relationship with the Indonesian Government [see more](#)



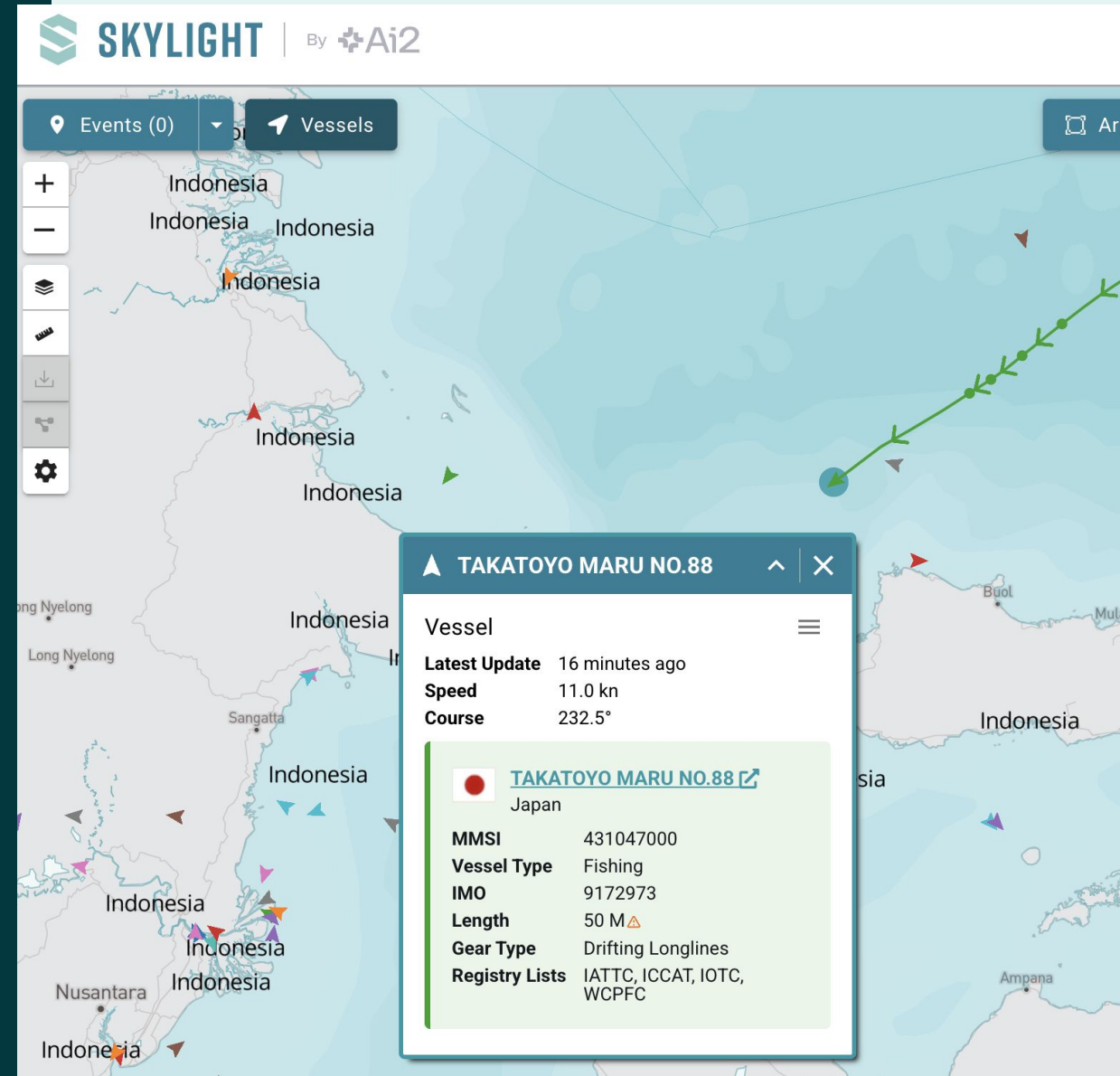
Raising the whole playing field

New features and broader access to change the paradigm for how data is used for MDA

What's in My Area, Right Now

One workflow, the complete monitoring picture — no need to leave Skylight

Checking a vessel's last known AIS position used to mean leaving Skylight for a separate tracker, then coming back to line it up with events and detections. An extra tab sounds minor. In practice, it is often the difference between a check being made and being skipped. Now the answer sits where the investigation already is. Within two months of launch, 431 users across 203 organizations adopted the layer.



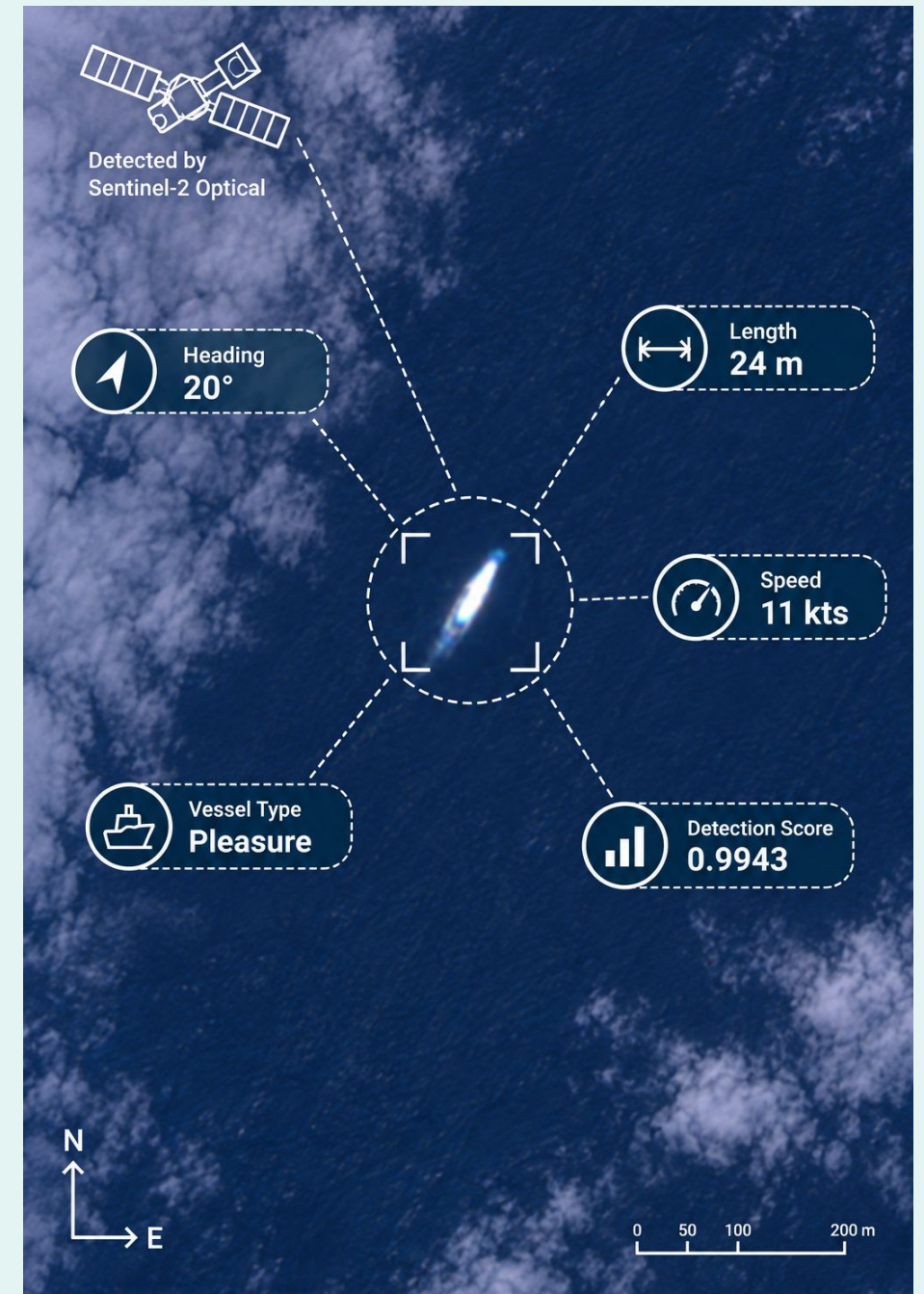
Seeing More in Every Detection

Estimating the characteristics of dark vessels is becoming a core part of how partners investigate activity at sea

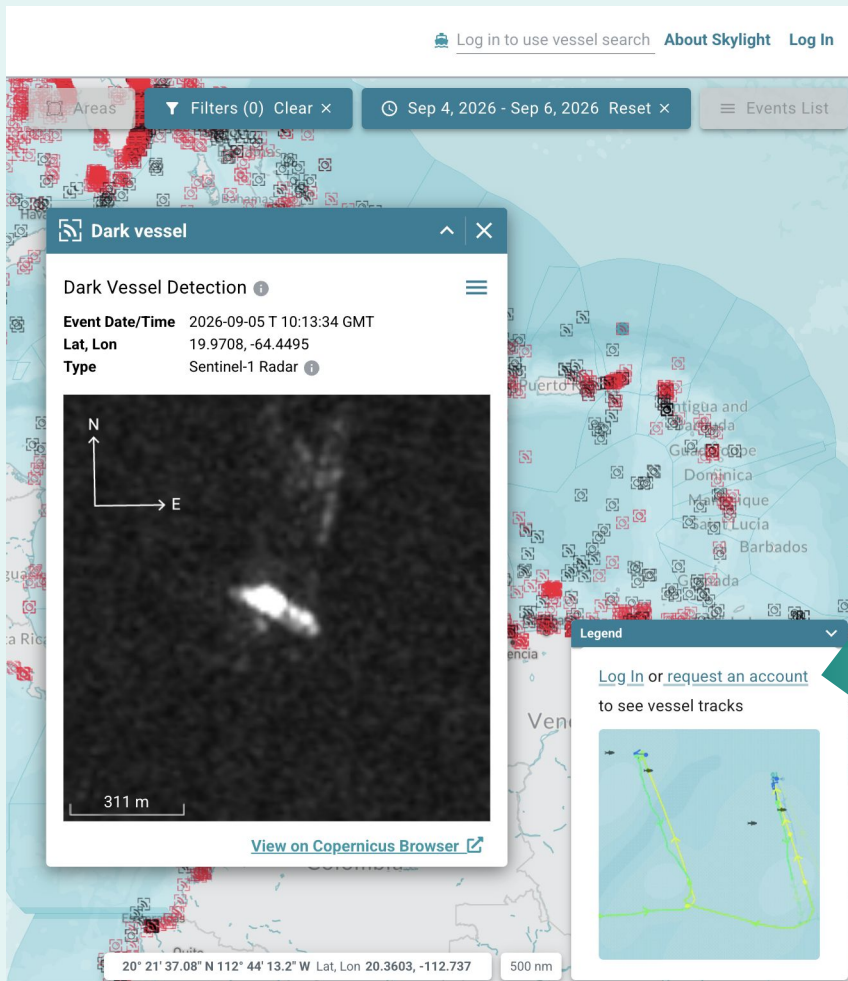
A detection says something is there. Vessel attribute estimation, launched this period, starts to say what. Estimated length is the first cut in triage: industrial or artisanal, known fleet or not. Skylight is moving from where vessels are to what they are and what they are doing.

It runs on OlmoEarth, Ai2's open foundation model for Earth observation, released November 2025. Research from elsewhere at Ai2, now working for Skylight's partners.

Sentinel-2 card opens increased 3.5x, reaching 22,900 in April 2026. An even clearer signal of adoption is the Estimated Length Filter: usage grew from 70–150 times per month at launch to 478 in May, accelerating sharply from March through May alongside expanding adoption across Pacific and Southeast Asian agencies.



A Public Version of Skylight



Giving anyone a first look, before they ever request an account

In October 2025, we launched a public version of Skylight — a limited, no-account view into vessel detections, delayed by three days. Only in the last two months of the period considered in this report, it's reached +3000 visitors across 146 countries, and many of them have gone on to request a full account.

This same period saw 111 organizations create a Skylight account for the very first time, as part of a broader **42% year-over-year growth in new accounts**.

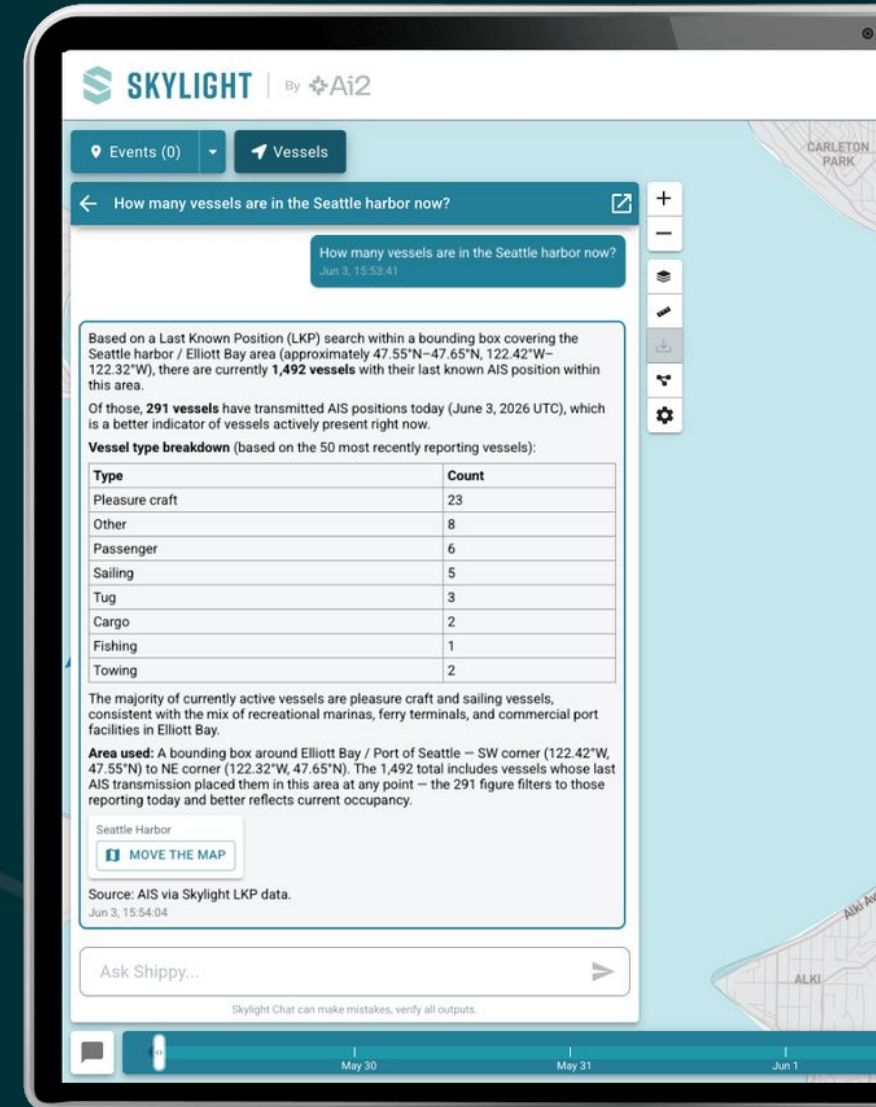
Meet Shippy

Skylight's first step into building purpose-built AI agents — introduced to early adopters.

This year, we introduced Shippy: our first step toward bringing agentic AI into maritime domain awareness. We're starting with a founding group of early adopters — partners from across our community lending their operational expertise to help shape how Shippy works before it reaches a wider audience.

Ask Shippy something like "Give me a brief of all fishing activity in Fiji's EEZ in the last 24 hours," and instead of manually cross-referencing multiple systems — work that can take an analyst hours — Shippy is being built to return a structured, cited answer, with every data point linked back to its source.

It also looks beyond Skylight's own data, drawing on trusted partners like GFW, TMT, SkyTruth, and ProtectedSeas. This collaborative phase is just the beginning of what agentic AI could bring to the maritime domain.



Shaping the next generation of MDA tools with our community.

Thanks to Shippy's Early adopters!

GFW

ProtectedSeas

TMT

C4ADS

UNODC

Mar Azul Uruguayo

ICMBio Brazil

Prefectura Naval Argentina

WildAid and CONANP

RCOC

INTERPOL

GCMSM

UK MMO

New Zealand MPI

IORIS

UK JMSC

EUNAVFOR

DFO

Senegal HASSMAR

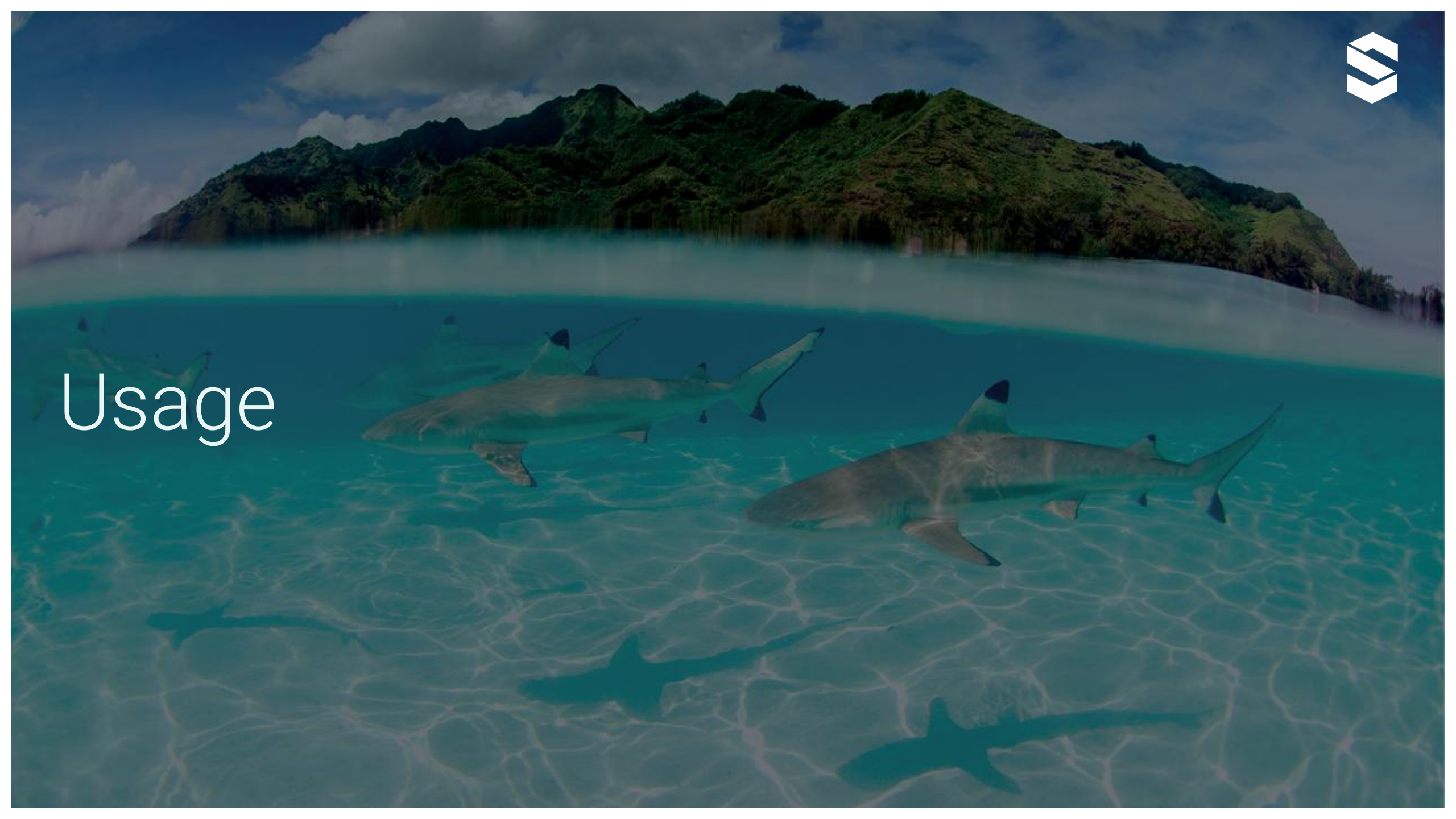
MAOC N

RMIFC





Usage





We are serving organizations globally



170+ organizations actively using our data, primarily in enforcement & compliance



25+ other interfaces displaying our data and 10+ government agencies who have fused our data into national systems via API



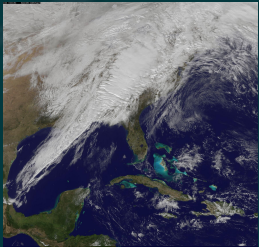
+1,500 new accounts created, across 350 unique external organizations.



75+ organizations pulling data through network KML feature, a simpler lighter-weight connection.



Events Investigated by Our Users Each Month



~45,000 vessel detections in satellite imagery (includes public version)



~3,600 vessel entries into areas of interest



~6,900 rendezvous events

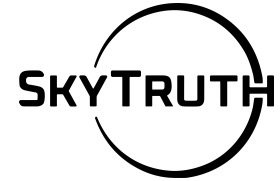


~1,150 potential fishing activities

We have grown our community of partners



WILDAID



blue ventures
beyond conservation

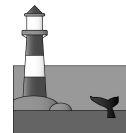


OCEANS⁵



S&P Global

MAXAR



protectedseas



What's Next?

Expanding agentic AI beyond this year's first steps with Shippy — growing toward automating more of the investigative work analysts do by hand, for all our users.

Growing our community of government, NGO, and research partners, while deepening the relationships we've already built.

Continuing to build and release the **next generation of AI models and features** that power the platform — expanding the range of vessel, activities and use cases Skylight can support.





Thank you