



KARIMA ANNA CHERIF

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PROFESSIONAL SUMMARY

IUU Fishing Analyst with 8+ years leading independent investigations through Ocean Agent, specializing in vessel behavior analysis, AIS gap detection, and maritime pattern recognition. Experienced with Skylight, Global Fishing Watch (GFW) Marine Manager, EarthRanger, and OceanMind. Proven ability to support cross-border enforcement efforts and interpret satellite and UAV-derived datasets across **West Africa, the Eastern Tropical Pacific, and the Caribbean**. Multilingual (English, French, Polish, Spanish) with a record of bridging technical and operational teams in complex multi-jurisdictional environments. Seeking to deepen analytical expertise within a data-driven maritime intelligence team. **Data Literacy:** Familiarity with Python for data manipulation and JSON structures. **Technical Communication:** Understanding of API-driven data retrieval and technical documentation. OSINT (Open-source intel)

CORE SKILLS

Technical & Analytical	Operational	Platforms	Languages
Vessel Behavior Analysis	IUU Fishing Investigations	Skylight	English (Fluent)
AIS / VMS Data	Transshipment Analysis	GFW (Marine Manager)	French (Fluent)
Interpretation	Cross-Border Enforcement	EarthRanger	Polish (Fluent)
Dark Vessel Detection	Support	OceanMind	Spanish (Working Proficiency)
(SAR/RADARSAT)	Surveillance Strategy	O-FISH	
Geospatial Analysis	(Satellite, UAV)		
Pattern Recognition & Anomaly Detection	Stakeholder & Partner Coordination		

PROFESSIONAL EXPERIENCE

Founder & Lead Analyst | Ocean Agent • August 2018 – Present

- Analyzed vessel behavior across AIS and satellite datasets to identify suspicious activity, including dark vessel patterns, AIS manipulation, and transshipment events in multi-jurisdictional waters.
- Contributed to the identification of cross-border IUU fishing patterns between Congolese and Gabonese waters, including activity near the Ogooué/Nazareth River and within Gabon's EEZ.
- Supported multi-source surveillance efforts combining satellite, UAV, and in situ monitoring that contributed to enforcement actions in U.S.–Bahamian waters involving overfishing, undersized catch, and closed-season violations.
- Interpreted outputs from [Skylight](#), [Global Fishing Watch Marine Manager](#), [EarthRanger](#), [SMART](#), and [OceanMind](#) to distinguish false positives from actionable intelligence.
- Collaborated with NGOs, government agencies, and regional partners across the Eastern Tropical Pacific and West Africa to assess enforcement gaps and improve monitoring strategies.
- Led the \$3.5M Marine Protected Area Robots project, integrating autonomous surface vehicles (Open Ocean Robotics) and Skylight satellite-AIS platforms into national surveillance frameworks for Gabon.
- Managed development and global adoption of O-FISH (Officer of Fisheries Information Sharing Hub), a real-time digital boarding and reporting application now integrated into EarthRanger.
- Co-authored the bilingual Marine Protection Plan for Gabon's national MPA network, translating multilateral commitments into field-ready operational outcomes.
- Coordinated a 23-member international delegation at IMPAC5, facilitating knowledge exchange between Ecuador, Mexico, Tanzania, and Palau on marine protection strategies.

Project Support / Technical Advisor | WildAid Marine — [Women of WildAid](#) Program • 2018 – Present (concurrent)

- Supported marine enforcement initiatives through coordination, procurement, and technical input on surveillance tools.
- Contributed to operational planning involving UAV deployment and monitoring strategies for marine protected areas.
- Procured \$8.5M in specialized electronics and tactical equipment for Royal Bahamas Defence Force and partners in Ecuador and Gabon.

Program Manager — Pratt & Whitney | ERG Aerospace Corporation | Oakland, CA • January 2014 – April 2018

- Managed \$40.5M in domestic and international contracts, ensuring compliance with AS9100 aerospace quality standards across global supply chains.
- Scaled workforce capacity by 400% through strategic process development, leading diverse teams in fast-paced, high-pressure environments.
- Served as Deputy of Ethics and Compliance and AS9100 Internal Auditor; conducted sixteen first-article inspections and negotiated long-term agreements.

EDUCATION & CERTIFICATIONS

B.A. in Journalism and Philosophy | York University, Glendon College (Toronto, 1997); Université Laval, Québec (1996); La Sorbonne Paris IV (1995); Université Lumière Lyon II (1994)

Certifications & Training

- [Management Effectiveness for Marine Protected Areas — TNC / NOAA / Reef Resilience Network \(2025\)](#)
- [SKYLIGHT Satellite Surveillance Certification \(2025\)](#)
- [Global Fisheries Enforcement Workshops — GFETW \(2019, 2023\)](#)
- PADI + NITROX Dive Certification
- USCG Captain's License (In Progress Sea Time: 9,528 nm / 17,646 km)
- FAA / EU Registered Drone Operator
- ASA 101, 103, 104, 114 — American Sailing Association
- HTCIA — [Hi-Tech Cyber Investigation Association Membership](#)
- NERT — Community Emergency Response

AWARDS & GRANTS

- [EarthShot Prize 2023 on behalf of Wildaid \(2023\)](#)
- Schmidt Marine Foundation on behalf of WildAid — \$250,000 (2022)
- Vanity Fair Foundation — San Francisco Trash Wheel Assessment — \$25,000 (2018)
- San Francisco Department of the Environment Service Award (2013)
- Buckminster Fuller Grant on behalf of Plastic Pollution Coalition — \$100,000 (2012)