Data Sources and Definitions

Below you can find definitions of some data categories and sources the JAC uses for analysis. As a best practice, always seek to consult more than one data category, and cross-reference information across sources. This is not an exhaustive list of resources and tools and many other sources can be found online depending on the jurisdiction and/or country of interest. This is a resource to help with locating vessel information and other publicly available information that can be used to aid in risk assessments and broader analysis. Please see training presentations also provided for guidance on how to use and interpret sources such as these in risk assessments and analysis.

FFA Training - Useful sources		
Maritime Domain Awareness (MDA)	Vessel Viewer is a vessel history and insights tool developed by GFW in partnership with TMT that uses satellite data and advanced analysis to produce information and insights on vessel identity and activity. Free to use. Also there is available training and user guide information online	Vessel Viewer User Guide
	Skylight offers vessel identifying information and satellite imagery of fishing vessels. The platform emphasizes the automatic and near-real-time identification of specific vessel behaviors. Free to use but requires a login.	Skylight
Vessel Imagery	There are various free open source platforms that have repositories of vessel photos. Some are listed here, although due to the large number of locations where vessel images are found it is recommended to start with a Google Image search on vessel identifiers to find all available photos	Marine Traffic FleetMon Vessel Finder Shipspotting Photo Manual for

	TMT, with partners Stop Illegal Fishing, have produced a manual on the use of vessel photographs for fisheries enforcement; and a photo manual for fisheries air patrols (with FFA)	[Fisheries Enforcement](#) [Photo Manual for Fisheries Air Patrols](#)
Vessel Authorisations	RFMOs and related organisations have publicly available authorised vessel lists that give vessel identifiers, authorisation details, gear type and other information, such as build details. Similarly you will be able to find designated vessels and confirmed IUU listed vessels for each RFMO or regional fisheries body (RFB).	[IOTC](#) [WCPFC](#) [IATTC](#) [ICCAT](#) [NPFC](#) [SPRFMO](#) [CCBST](#) [CCAMLR](#) [SIOFA](#) [NEAFC](#) [SEAFO](#) [GFCM](#)
	The IMCS Network's Combined Regional Authorised Vessels Tool (CRAVT). The CRAVT automatically combines vessel-related data and information from several Regional Fisheries Management Organisations (RFMOs) and Regional Fisheries Bodies (RFBs). The CRAVT can be used to search for specific vessels or browse groups of vessels including by flag, vessel type or RFMO or RFB. The CRAVT identifies where differences exist between RFMO or RFB records for a specific vessel. Users may also search Vessel Contacts (vessel companies and vessel masters) for a specific vessel.	[CRAVT IMCS Network](#)

Pacific fisheries bodies	The Forum Fisheries Agency (FFA) is a member body that supports collective and national action for the sustainable use of offshore fisheries resources. The FFA maintains a list of vessels in good standing, a requirement for licensing in an FFA member State. The Parties to the Nauru Agreement (PNA) control the world's largest tuna purse seine fishery encompassing the exclusive economic zones of member states. PNA Members are Federated States of Micronesia, Kiribati, Marshall Islands, Nauru, Palau, Papua New Guinea, Solomon Islands, Tuvalu and Tokelau. The PNA maintains a list of registered vessels that are in good standing to fish under the PNA vessel day scheme, however this does not indicate that these vessels are licensed to fish in all members' waters. For specifics of vessel licensing, national license information should be requested. The PNA also maintains a regional licensing scheme for tuna purse seiners - the FSMA Arrangement. Vessels on this list are licensed to operate in the EEZs of all PNA members	FFA Vessels in Good Standing List Parties to the Nauru Agreement Vessel List FSMA vessels
Compliance History / Derogatory Reporting	The TMT Combined IUU Vessel List provides the best available, up-to-date information on all fishing and related vessels that appear on IUU fishing vessel lists published by RFMOs and related organisations. The aim of the site is to improve the effectiveness of the original IUU lists as a tool for a wide variety of stakeholders to better understand and combat illegal fishing and broader fisheries crime.	TMT Combined IUU List
	Memorandums of Understanding (MOU) on Port State Controls are regional agreements that aim to ensure vessels comply with international maritime conventions through harmonisation of inspection standards. Most publish lists of vessels detained under their inspection regime for violations of safety or other standards. Some also publish grey and black lists of flags, representing the flag States with the greatest number of vessels detained for violations in a given year. Although these regimes do not relate to fisheries violations, they can be a useful resource to identify flag States that could be considered higher	Indian Ocean MOU Tokyo MOU Mediterranean MOU Paris MOU Acuero de Vina del Mar Caribbean MOU Abuja MOU Black Sea MOU Riyadh MOU

	risk, as well as vessels that have been detained for breach of non-fisheries related standards.	
Beneficial Ownership Network	Triton explores the connections between industrial fishing vessels at sea and the companies that ultimately control them. This tool is free to use and lets you visualize network graphs and identifiers from companies and individuals that are connected to vessels. If networks do not appear fully built out or you require primary documentation please reach out to C4ADS	Triton
Vessel Identity	Key information on all vessels with an IMO number	GISIS Equasis
	List of national callsign series, allocated to flag States by ITU	Table of International Call Sign Series
	List of Maritime Identification Digits (MIDs), allocated to flag States by ITU - these number series are used as the first three digits of MMSI numbers, indicating the vessel's flag State	Table of Maritime Identification Digits
MCS Practitioner Guides	TMT and IMCS-N have developed MCS Practitioner Guides, that provide information on operations and compliance risk associated with different types of industrial fishing vessel - available in EN, FR, ES versions	Carrier vessels Purse seine fishing Longline fishing Industrial fishing vessel inspections
Toolkit for Legal and Maritime Analysis	The Global Fishing Legislative Database contains aggregated information on laws and regulations that govern fishing around the world. It is recommended to always consult the original source in addition to this database.	Global Fishing Legislative Database

Non-Maritime Sources

Corporate Registries	Open Corporates is a 3rd party aggregator for corporate registry information and is free to use.	Open Corporates

	On this topic, TMT and C4ADS have written an article on operational practices, legal loopholes and enforcement gaps that can be and are exploited by illegal fishing operators to access fishing resources, ports and markets, and to evade sanctions.	[The Exploitation of Company Structures by Illegal Fishing Operators](#)
Legal Data	USP School of Law is based in Port Vila and has students located across 12 countries of the Pacific who do not have easy access to the legal materials from across the region which they need to undertake their studies. The Pacific Islands Legal Information Institute (PacLII) was started by the School of Law as a means to overcoming the tyrannies of distance. It has grown to become a service to governments, legal professionals, NGOs, students, academics and members of the public and has been widely recognized as an example of excellence in promoting access to legal information. PacLII collects and publishes legal materials from 20 Pacific Islands Countries on its website www.paclii.org which is hosted by AustLII. These countries are American Samoa, Cook Islands, Commonwealth of Northern Mariana Islands, Federated States of Micronesia, Fiji, Guam, Kiribati, Marshall Islands, Nauru, Niue, New Caledonia, Palau, Papua New Guinea, Pitcairn Islands, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu and Vanuatu.	[Pacific Islands Legal Documents](#)
	Contains list (and direct links) to all major courts in the country	[Lexadin](#)

JOINT ANALYTICAL CELL

About the Joint Analytical Cell:

The Joint Analytical Cell, or JAC, provides authorities with fisheries intelligence, data analysis and capacity building to help combat illegal, unreported and unregulated fishing. Founded by IMCS Network, Global Fishing Watch and TMT, the initiative's members also include C4ADS and Skylight. By harnessing innovative technology and the complementary expertise of its collaborating organizations, the JAC fosters cooperation among State and non-State actors to build insights and capacity to help enhance fisheries management.

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www.imcsnet.org
www.globalfishingwatch.org
www.tm-tracking.org
www.c4ads.org
www.skylight.global