

IHS Maritime June Product Tip of the Month: MDA WatchKeeper

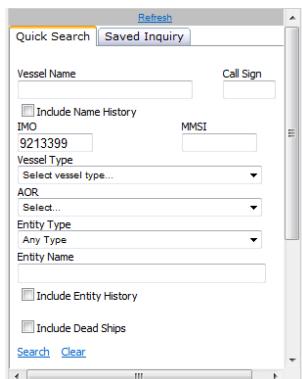
Maritime Domain Awareness – WatchKeeper (MDAW) - With IHS as its primary data source, MDAW is a risk assessment and management tool which applies a customizable, sophisticated rule set to automatically determine if a vessel should be of interest. Constantly monitoring on average 120,000 vessels daily worldwide, MDAW assessment parameters include vessel, voyage and voyage history, cargo, crew, and ownership. Evaluation results are displayed with color codes (red/yellow/green) and analysis specifics (alerts) are automatically pushed to the user by email. Example monitoring capabilities include EEZ, IUU, Fisheries, **Sanctions Enforcement**, Product Delivery.

“SANCTIONS ENFORCEMENT”

Using MDAW to Verify Vessel Compliance with International Sanctions

Example: A MDAW user wants to ensure that a vessel is really as it is represented. For instance, The Tongo-Flagged Tanker “AMIN” (IMO 9422366), home ported in Lome, and with a Registered Owner residing in Belize, prepares to make a port call in Baniyas Syria.

The analyst inserts the IMO number into the MDAW search tool:



The screenshot shows the MDAW search interface. At the top, there are buttons for 'Refresh', 'Quick Search', and 'Saved Inquiry'. Below these are search fields for 'Vessel Name' and 'Call Sign', and checkboxes for 'Include Name History' and 'Include Entity History'. A central search field contains the IMO number '9422366'. To the right of the IMO field is a 'MMSI' field with the value '9213399'. Below the search fields are dropdown menus for 'Vessel Type' (set to 'Select vessel type...'), 'AOR' (set to 'Selected...'), 'Entity Type' (set to 'Any Type'), and 'Entity Name'. At the bottom of the search interface are checkboxes for 'Include Dead Ships' and buttons for 'Search' and 'Clear'.

MDAW returns vessel/company details revealing that the AMIN is actually controlled by Iran Shipping Lines:

MDA WatchKeeper

Vessel Name: AMIN

Details

[Identifiers](#) [Dimensions](#) [Capacities](#) **Entities** [Engine Details](#) [Construction](#) [Crew Nationality](#) [Data Investigations](#) [Analyst Evaluation](#)

IMO Company Number	Entity Type	Name	Country Of Domicile	Country Of Registration	Country Of Control
0095998	Group Beneficial Owner	Iran Shipping Lines	Iran	Iran	Iran
0095901	Operator	IranOil Shipping Co Ltd	Iran	Iran	Iran
0095901	Ship Manager	IranOil Shipping Co Ltd	Iran	Iran	Iran
5668274	Registered Owner	Auris Marine Co Ltd	Iran	Belize	Iran
9991001	DOC Company	Unknown			
5435679	Technical Manager	Marian Ship Mgmt & Consultancy	India	India	

Last Position

Collected On (UTC): 06/15/2013 14:49:25 Latitude: 35° 12' 58"N Longitude: 35° 54' 51"E Course: 230.00 Speed: 0.00 Destination: BANIYAS ETA: 06/12/2013 10:00:00 AIS Cargo Type: 1-HazCatA Additional Info: Hazardous Cat. A Source: AIS/LIVE

[Show Position History \(...\)](#)

Risk Analysis

Risk Assessment Model	Last Scored Date	Risk Level
Vessel	06/15/2013 01:18:27	Red

[View Risk Analysis Details](#)

Other History

[Name History](#) [Flag History](#) [Status History](#) [Vessel Type History](#) [Casualty History](#) [Class Society](#) [Entity History](#) **Movement History** [Sale History](#) [Port Inspections](#)

Movement Type:	All	Name	Country	Arrival Date (UTC)	Arrival Coordinates	Departure Date (UTC)	Departure Coordinates	Local Time Zone	Duration (Hours)	Destination
Port	Banias Terminal	Syria	Syria	06/12/2013 15:59:44	35° 15' 36"N, 35° 57' 16"E	06/14/2013 13:29:18	N/A	2.0	45.49	
Exclusive Economic Zone	Syria	Syria	Syria	06/11/2013 16:57:55	34° 56' 12"N, 35° 17' 50"E		N/A	2.0	N/A	
Exclusive Economic Zone	Lebanon	Lebanon	Lebanon	06/11/2013 07:58:05	33° 32' 28"N, 34° 9' 49"E	06/11/2013 15:57:24	34° 46' 36"N, 35° 10' 16"E	2.0	7.98	
Exclusive Economic Zone	Israel	Israel	Israel	06/11/2013 00:57:25	32° 27' 40"N, 33° 18' 4"E	06/11/2013 06:56:54	33° 23' 29"N, 34° 2' 39"E	2.0	5.98	

not

The MDAW user can continue to find out more information about the vessel to include it's port call history, flag history, dimensions and capacities, etc.