

IHS Maritime June Product Tip of the Month: MDA WatchKeeper

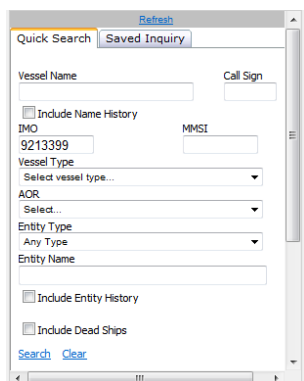
Maritime Domain Awareness – WatchKeeper (MDAW) - With IHS as its primary data source, MDAW is a risk assessment and management tool which applies a customizable, sophisticated rule set to automatically determine if a vessel should be of interest. Constantly monitoring on average 120,000 vessels daily 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 tool interface. It has a 'Quick Search' tab and a 'Saved Inquiry' tab. The 'Quick Search' tab is active. The 'IMO' field is populated with '9213399'. Other fields include 'Vessel Name', 'Call Sign', 'MMSI', 'Vessel Type', 'AOR', 'Entity Type', and 'Entity Name'. There are checkboxes for 'Include Name History', 'Include Entity History', and 'Include Dead Ships'. 'Search' and 'Clear' buttons are at the bottom.

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
0099998	Group Beneficial Owner	Iran Shipping Lines	Iran	Iran	Iran
0099501	Operator	IranHind Shipping Co Ltd	Iran	Iran	Iran
0099501	Ship Manager	IranHind Shipping Co Ltd	Iran	Iran	Iran
5668274	Registered Owner	Auris Marine Co Ltd	Iran	Belize	Iran
9991001	DOC Company	Unknown			
5435679	Technical Manager	Marjan 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: BANYAS
ETA: 06/12/2013 10:00:00
AIS Cargo Type: 1-HazCargo
Additional Info: Hazardous Cat. A
Source: AIS/LIVE
☒ Show Position History (...)

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

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

Movement Type	Name	Country	Arrival Date (UTC)	Arrival Coordinates	Departure Date (UTC)	Departure Coordinates	Local Time Zone	Duration (Hours)	Destination
Port	Banyas Terminal	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	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	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	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	

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.