

FAO Vessel Record Management



Framework (VRMF)

A versatile set of tools aimed at managing vessel data and associated information retrieved from diverse heterogeneous sources

- Already populated with over 208 600 records (including duplicates) from 13 available public sources
- Aimed at supporting open and controlledaccess portals to the public, HSVAR Compliance Agreement, RFBs / RFMOs, fishery and port states authorities





Main features

- Data storage with well-defined, but flexible and extensible structure (can easily accommodate new fields)
- Link data of different formats, structures, and codes
- Solves codification issues inherent in the process of integrating data coming from different sources
- Powerful and flexible searching and matching algorithms
- Enriches the information by linking to additional public online resources such as vessel photographs and tracks
- One-stop shop of individual vessels records and associated information publicly available



Types of Contents of Records

- Vessel Name, and previous names
- Present Flag, and previous flags
- Building year, and Shipbuilder's details
- Status (operative, broken, laid-up, etc.)
- Vessel type and Gear types (primary / secondary)
- External markings
- Radio signals (IRCS, MMSI)
- Registrations (country / port / registration number, and date)
- Physical dimensions, Tonnage, Engine power (main and auxiliary)
- Crew size
- Owners and Operators (name, address)
- Fishing authorizations
 - issuers, authorized areas, authorized species and fishing gears, authorization validity range, termination date and reason



Targets

- to establish a centralized archive of global vessel records and associated information from public and authorized sources and become a world forum in storing and exchanging vessel related information in real-time fashion
- to provide vessel records management services (at national, regional, and global scales) to fishery and port authorities through secure, restricted-access interfaces
- to contribute to information sharing and transparency for traceability of fisheries products marketing and trade
- to seek partnerships to further incorporate information from national registries as well as other national or regional organizations



Potential Uses



Toward the implementation of Port State Measures

Information Tools

Information exchange

Public (FAO) <> National authorities

- Designated ports
- National focal points
- Report of inspection results (depending on cases)

Port States <> Flag States, relevant RFBs

- Evaluation on status of incoming vessels and information provided
- Report of inspection results

Port States <> Vessels

- Request of port calls with required information
- Notice of acceptance, rejection of port calls including notice of inspection when applicable

Information exchange (cont.)

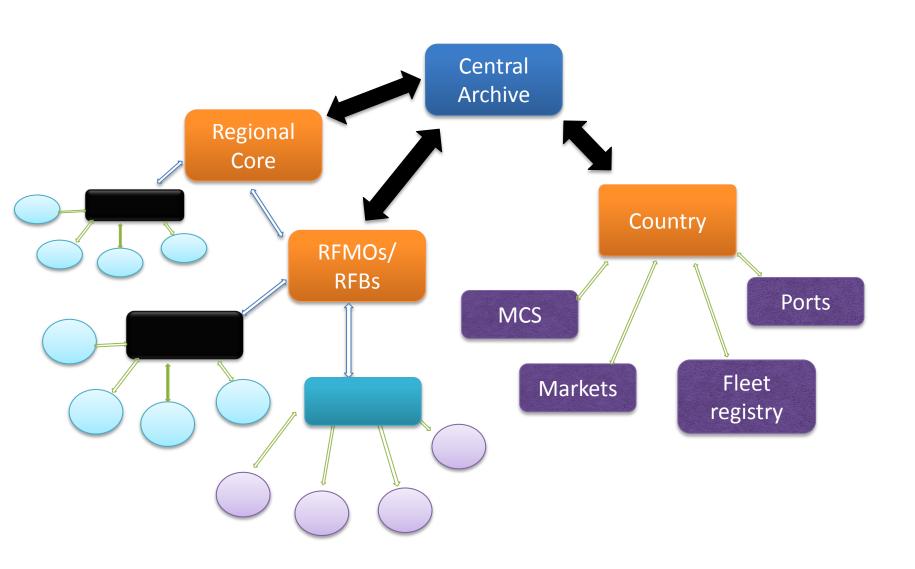
Port States

- Evaluation on the status of incoming vessels and information provided
- Communications with Flag States and relevant RFBs
- Communication between central agencies and ports
- Communication between authorities and field inspectors
- Compilation and management of port calls and inspection data
- Reporting including summary reports, statistics

Flag States

- Management of vessel registries and fishing authorization data
- Collection and compilation of vessel activity data (catch, effort, landings)
- Communication with vessels
- Reporting to relevant RFBs, and to Port States when requested, and issuing certificates

Global Information Network



Example.

