

COMMISSION

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Information Paper on Fisheries Monitoring Center (FMC) in Korea

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Submitted by Korea



Fisheries Monitoring Center (FMC) in Korea:

To ensure fisheries compliance in international waters & on high seas



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1. Overview





> Korean Distant Water Fisheries at a glance

The Current State of Play



- No. of Korean distant water fishing vessels (VMS): 191
- No. of Korean support vessels (VMS): 32
- No. of Foreign IUU fishing vessels (AIS): 208
- Key Fishery Types: Purse Seine, Longline, Trawl, Potting, and Jigging
- Major Fishing Areas: Pacific, Indian, Atlantic, and Southern Oceans
- Target Species: Tuna, Saury, Squid, Pollack, Toothfish,
 Krill, etc.
- **Total Production**: 479,000 tons (in 2024)



1. Overview



> Structure



2. Key Tasks



2. Key Tasks

조업감시센터 Fisheries Monitoring Center

1) Fisheries Monitoring System (FMS)

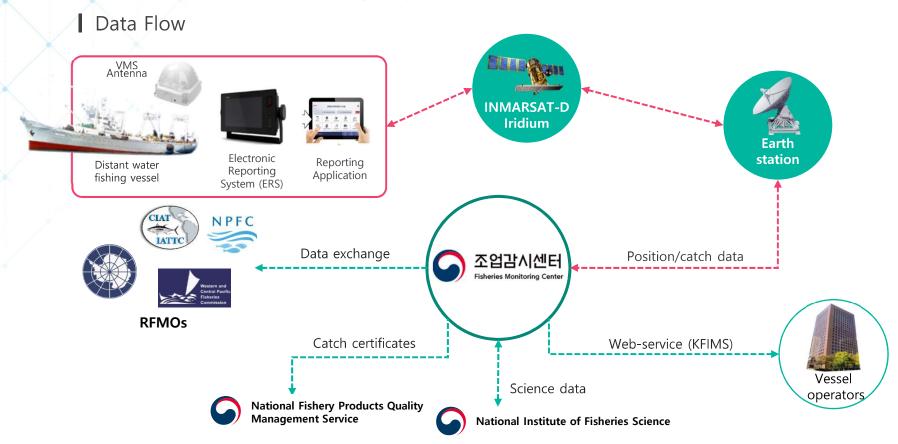
What do we do?



2. Key Tasks



1) Fisheries Monitoring System (FMS)





>> Vessel Monitoring System (VMS)

Vessel tracks and movement





» Electronic Reporting System (ERS)

ERS Unit on board



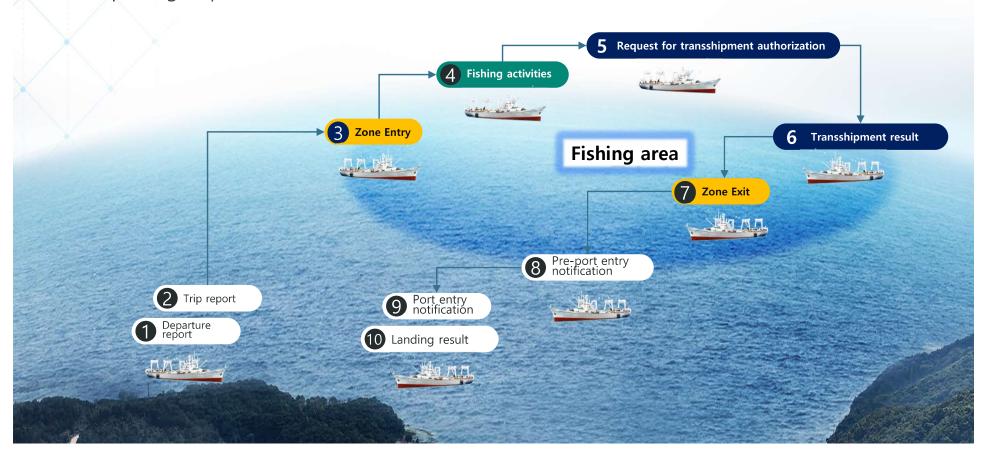






>>> Electronic Reporting System (ERS)

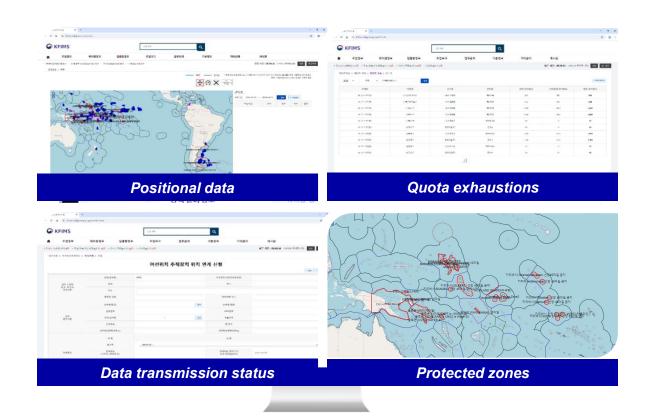
I Reporting requirements





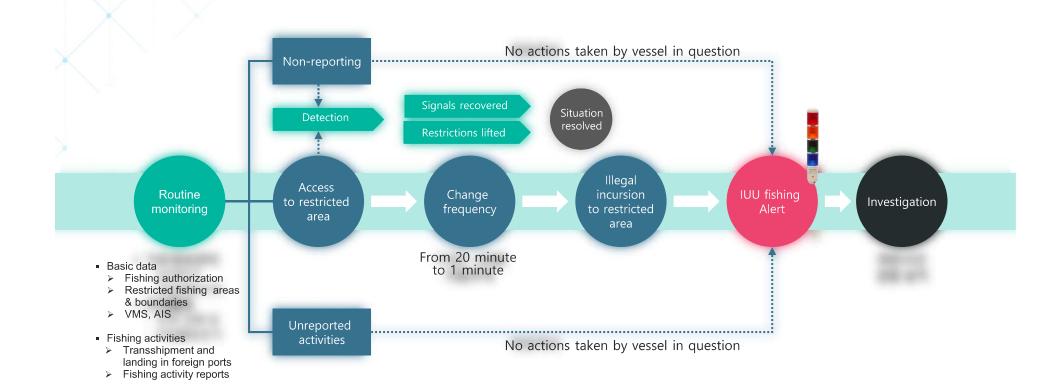
K-FIMS (Korean Fisheries Information Management System)

Allowing vessel operators to access data on their own vessels



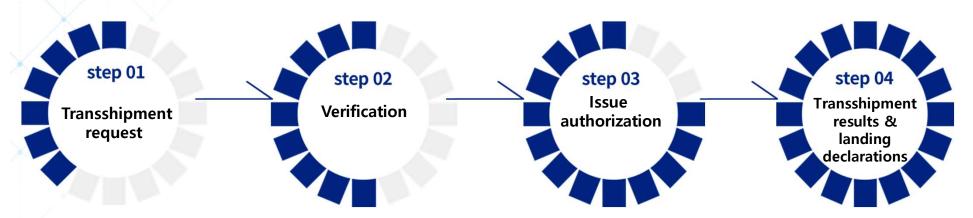


>>> How to respond to potential issues?





2) Transshipment at sea & landing in foreign ports



 Vessels submit request for transshipment authorization to FMC at least 24 hours prior to transshipment FMC verifies the received requests and cross-checks with relevant data to ensure that vessels conduct transshipment in compliance with relevant regulations FMC issues transshipment authorization and forwards details to relevant RFMOs as necessary

- Vessels submit results of transshipment within 72 hours of completion of transshipment
- Vessels submit landing declarations at foreign ports within 10 days



3) Field Inspection & IUU Investigation















4) Support for Industry Stakeholders





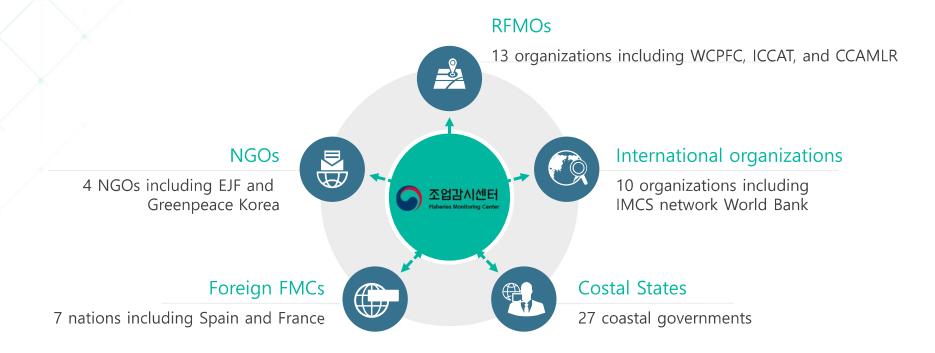
• IUU Fishing Prevention Program

Regular Town-hall Meeting (twice a year)



5) International Engagement

61 global contacts worldwide



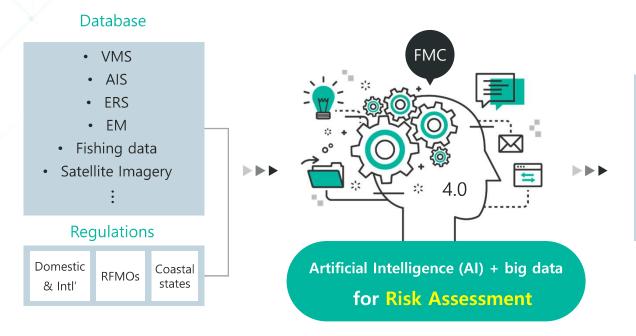
3. Way forward





1) Smart Fisheries Monitoring System

Data-driven system powered by Artificial Intelligence (AI)



Real-time IUU detection

- Illegal fishing pattern analysis
- Illegal encounters at sea
- Quota run-over



Thank you for listening.

