Monitoring and improving compliance with the LO

**NWWAC-EFCA-NWW CEG Joint Teleworkshop
on Monitoring, Control and Enforcement of the LO**

6 July 2020

EFCA work

Support the LO uniform implementation

- **Use JDPs to control and monitor the implementation of the LO and obtain indicators**

- **Develop risk analysis on the LO**

- **Cooperation with regional control bodies (CEGs):**

  - **Evaluate compliance with the LO**

  - **Support dialogue with stakeholders on LO**

  - **Promote standardisation of inspections, guidelines and common interpretation of the application of EU regulations**

- **Coordination and engagement in the EFCA REM WG**

State of play

Monitoring compliance with the LO

- **Current control tools do not provide an effective control and monitoring of the LO**

- **Inspections only provide a very limited snapshot of fishing activity**

- **The move towards continuous monitoring could have a positive outcome in compliance levels and support fisheries management in general**

LO monitoring and enforcement in JDPs

- **LH inspections and aerial surveillance are the only current tools used to enforce the LO.**

- **Using these means the actual detection of illegal discarding is very low.**

- **Availability of LH data is insufficient and evaluation of compliance is difficult.**

- **Alternative tools for control of the LO, specifically continuous monitoring by means of Remote Electronic Monitoring (REM) systems and control observers, should be considered to complement the LH inspections.**

REM Technical Working Group

Justification

Created on request of the MS CEGs and reinforced by the support of the JDP SG and the European Commission

Coordinated by EFCA

Background

Strictly of technical nature

Definition of REM/CCTV systems technical specifications and implementing guidelines

Trying to ensure standardisation and a level playing field are maintained
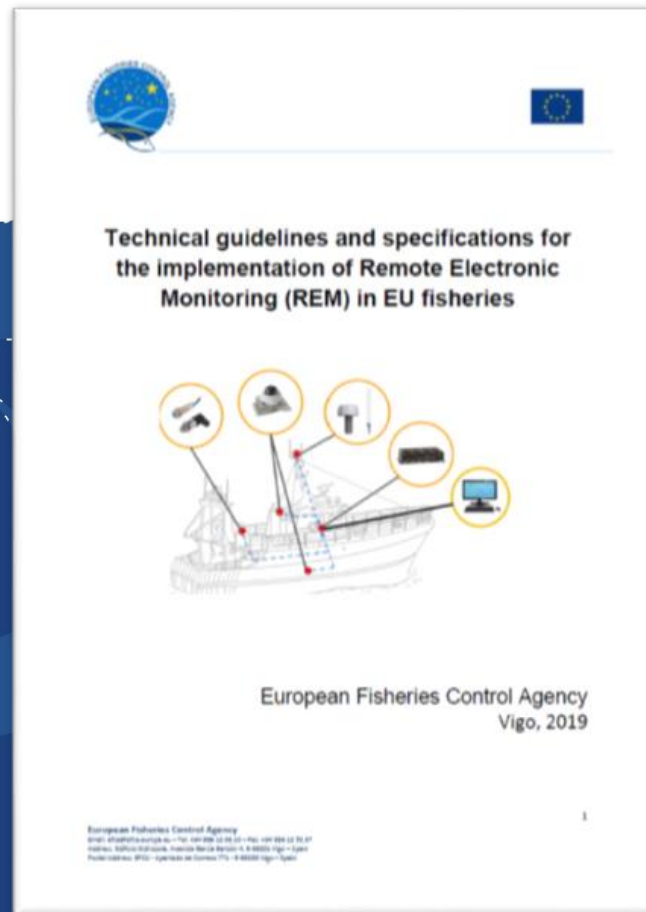
Scope

Consider technical requirements and associated procedures on how REM/CCTV could be best deployed on fishing vessels to provide means <u>to effectively control and enforce the landing obligation at sea</u>

Not dealing with where REM should be implemented or legal framework

Technical guidelines and specifications for the implementation of Remote Electronic Monitoring (REM) in EU fisheries

Structure of Guidelines

- **The guidelines are presented in 3 main parts:**

  A. <u>**Guidelines for implementation**</u>**: Include rationale and recommendations for implementation.**

  B. <u>**Annex summarising the technical specifications and minimum requirements**</u>

  C. <u>**Appendices**</u>**:**

    1. **Fleet segmentation and summarised minimum requirements**

    2. **Vessel Monitoring Plan (VMP) for the purpose of installation**

Technical Specifications: Main topics

- **Minimum requirements for a standard REM system specified for:**
    - **Control box**
    - **Cameras (by type)**
    - **Sensors**
    - **System diagnostics**

- **Related topics covered in the guidelines:**
    - **Installation specification: Vessel Monitoring Plan (VMP)**
    - **Rules of operation: Logbook recording, catch handling, etc.**
    - **Technical aspects of data handling and analysis: Storage, retrieval, analysis software, risk-based selection viewing, etc.**
    - **System ownership**
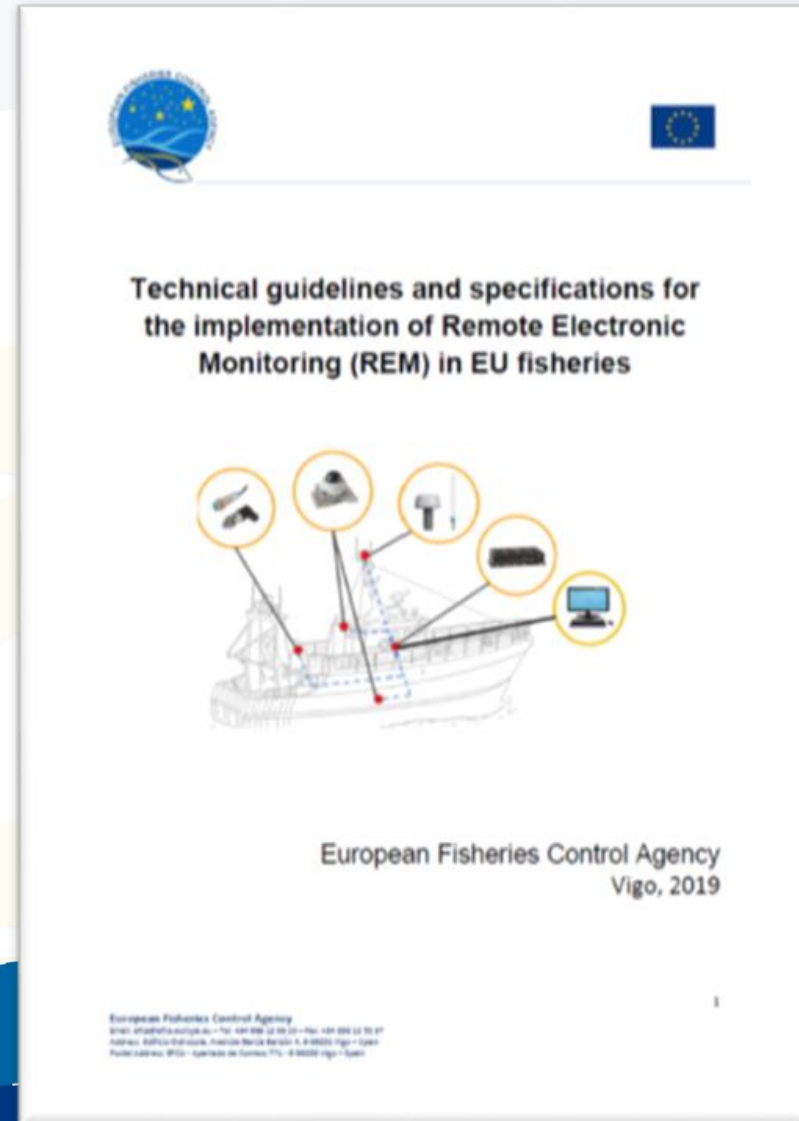   - **Cost estimates**

Vessel Segmentation for REM

Segment	Fishing type	Vessel length	Gear type	Vessel type	Indicative minimum number of cameras	Sensors								System cost	Installation cost	Annual running cost
						GPS	Net drum activity	Winch activity	RSW tank temperature	Power block	Fish pump	Knive valve	Catch in net			
REM01	Demersal Passive	< 12 m	Set nets, lines		2		X							€ 6,000	€ 1,000	€ 500
REM02		12 – 18m			4		X							€ 6,500	€ 2,000	€ 1,000
REM03		> 18 m			4		X							€ 6,500	€ 2,000	€ 1,000
REM04	Demersal Active	< 12 m	Trawls		4			X						€ 6,500	€ 2,000	€ 1,000
REM05		12 – 18m			4			X						€ 6,500	€ 2,000	€ 1,000
REM06		18 – 24 m			5			X					X	€ 6,800	€ 2,500	€ 1,000
REM07		> 24 m			5	X		X					X	€ 6,800	€ 2,500	€ 1,000
REM08	Pelagic Active	< 12 m			2			X			X			€ 6,300	€ 1,000	€ 750
REM09		12 – 24m			4			X			X		X	€ 6,800	€ 2,000	€ 1,500
REM10		> 24 m			4			X			X		X	€ 8,000	€ 2,500	€ 1,500
REM11		12 – 24m		RSW	4			X	X		X	X	X	€ 8,000	€ 2,000	€ 1,500
REM12		> 24 m		RSW	4			X	X		X	X	X	€ 8,000	€ 3,000	€ 1,500
REM13		> 24 m		Freezers	8			X	X		X		X	€ 9,000	€ 3,000	€ 2,500
REM14		12 – 24m	Purse seine	RSW	4				X	X	X	X		€ 8,000	€ 2,500	€ 1,500
REM15		> 24 m		RSW	4				X	X	X	X		€ 8,000	€ 3,000	€ 1,500
REM16	Pelagic Passive	All	Long liner		3		X							€ 6,500	€ 2,000	€ 1,000

Dissemination of Guidelines

- **REM technical guidelines published in the EFCA website in 2019**

- **Considered a <u>live document</u> that will allow adjustments based on implementation experiences and future technological developments**

Technical guidelines and specifications for the implementation of Remote Electronic Monitoring (REM) in EU fisheries

European Fisheries Control Agency
Vigo, 2019

Implementation strategy

Possible implementation of the guidelines in REM programmes:

➢ **Control regulation revision (art. 13)**

➢ **Technical Measures regulation (art. 25a on pilot projects)**

➢ **Delegated acts**

➢ **National rules**

Way Forward

- **EFCA has worked with MS to define the content of operational REM pilot projects that could be implemented at regional level under the appropriate existing legal framework.**

- **A joint regional approach is sought, which would ensure a level playing field.**

- **EFCA has dedicated significant efforts and resources to REM in recent years, and is getting ready to advance to the next level with a more operational approach.**

REM Working Group

- **REM WG of MS coordinated by EFCA to give support to:**

  - ➤ **REM national and regional pilot projects deployed according to the technical guidelines**

  - ➤ **Legal considerations on data protection**

  - ➤ **REM analysis tools and impact for control authorities**

- **Cooperation of EFCA with international organisations sharing REM experiences:**

  - ➤ **ICES (WGTIFD)**

  - ➤ **NOAA**

Way forward on REM

- **Mandate from Scheveningen High Level Group to prepare a draft regional pilot project plan for a more operational approach using REM in the North Sea**

- **EFCA REM WG to support the development of this draft, to be presented to the HLG in October 2020**

- **Some MS will carry out national pilot projects (FR, SE, IE and DK)**

- **Other developments:**

  - **New legislation might come ahead of these: Amendment of Union fishery control system**

  - **Access conditions to UK waters if available might set REM as a precondition**

  - **Scheveningen Group approach might be adopted also for NWW**

THANK YOU!
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