



Remote Electronic Monitoring (REM) including CCTV

**European Parliament
Committee on fisheries**

Public Hearing :

**"Facing the new challenges of the EU fisheries
control system"**

12 November 2019

Why REM?



**EFCA Technical
guidelines available on
www.efca.europa.eu**

REM system - Sensors

Winch rotation
with direction
detection

Hydraulic
pressure

Electric current

Fish hatch/door
open/close

Temperature (in
fish-hold tanks)

Power block

Fish pump

Knife valve

Estimate of catch
in the net (not yet
developed)

Video system

Why REM?



Landing obligation

Not a total ban

Applies at all times

Exemptions for
certain species



Why REM?

Monitoring Landing
Obligation

Infringements detected mostly
by observation

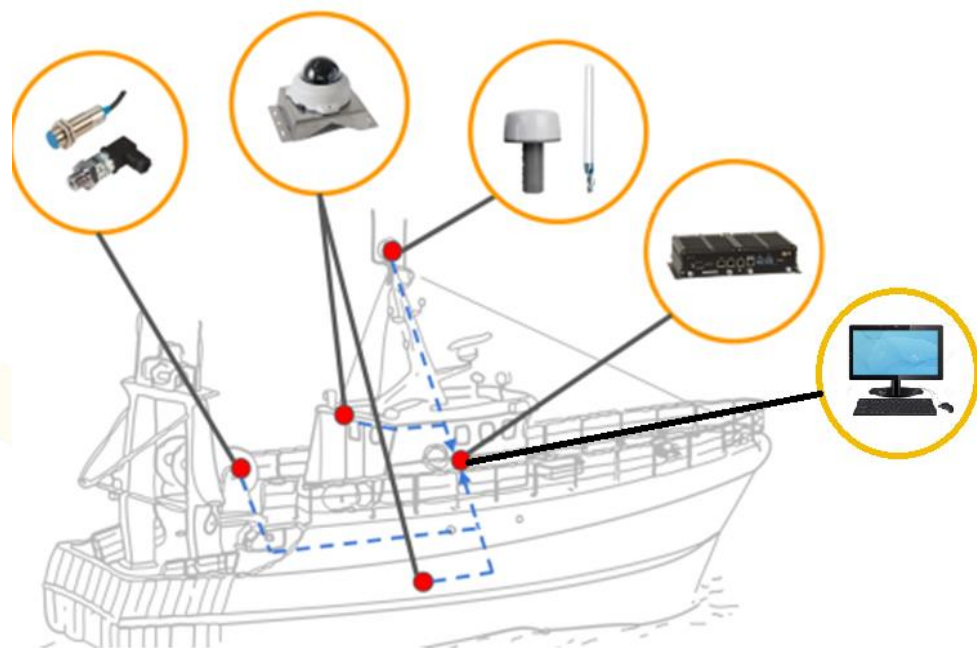
Control observers have
limitations and could imply
significant costs

requires

Discarded species need to be
identified

Continuous observation that only
species or quantities not subject to LO
are rejected

EFCA proposal



EFCA proposes a pilot project for vessels relevant to the two highest risks

A standard control box should be able to support the number of cameras and sensors needed

Questions and Answers

- REM system work and constitute an adaptive and deterrent response
- Cameras are not a novelty
- Adaptable to SSF
- Data protection can be ensured
- If the system breaks up, rules can be put in place





Main conclusion

REM systems, including CCTV offer an interesting solution for the continuous monitoring of catch iaw the specific provisions of the CFP basic regulation relating to landing obligation (article 15-13 reg (EU) No 1380/2013).



THANK YOU!

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<http://www.efca.europa.eu>