Progress in the analysis of VMS data: Scientific insights from Italian experience

Tommaso Russo¹, Antonio Parisi¹, Enrico Arneri², Stefano Cataudella¹

¹ "Tor Vergata" University of Rome ² FAO ADRIAMED Project

GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN Workshop on the implementation of a Vessel Monitoring System in the Mediterranean and Black Sea Zagreb, Croatia, 28-30 November 2011

Main objectives of this workshop

 Discuss the utility of data originating from VMS and other tracking devices in the monitoring of the intensity and distribution of fishing effort, as well <u>as in fisheries</u> <u>scientific analyses</u> and management processes

The context

- VMS data are routinary processed within the Data Collection Framework
 (http://ec.europa.eu/fisheries/cfp/fishing_rule s/data_collection/index_en.htm) in order to assess and analyze the spatial extension of fishing effort

 This requires a complex flow since VMS data
- This requires a complex flow since VMS data must be processed and coupled with other data sources (i.e. Logbooks)















Recognize fishing activity









7

Pressure indicators: temporal trends

Long-term monitoring of fishing activity (exploited area)



<text><text><text>





