

Fishing effort regime for demersal fisheries in WEST MED SEA – Part V

ToRs of STECF Expert Working Group 20-13
5 – 9 October 2020 Virtual meeting

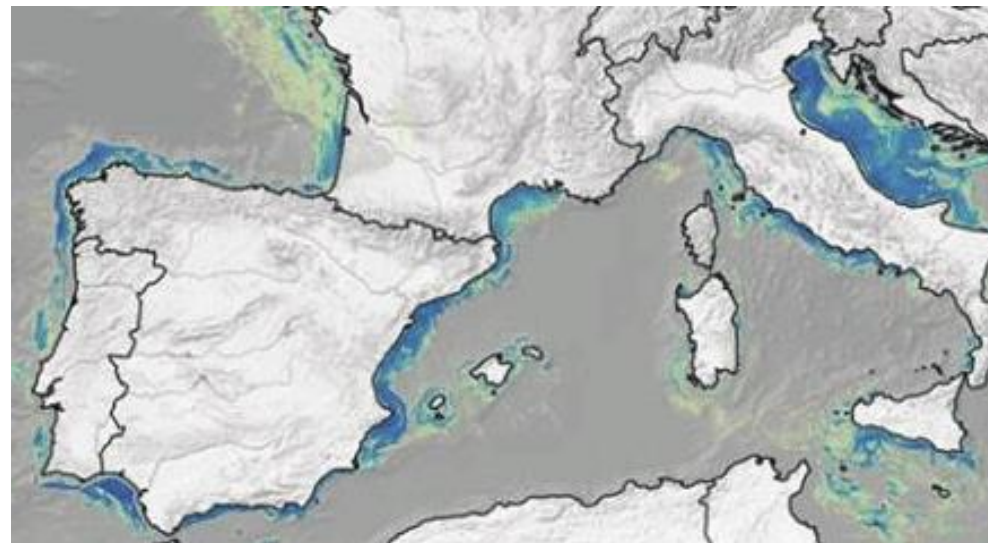


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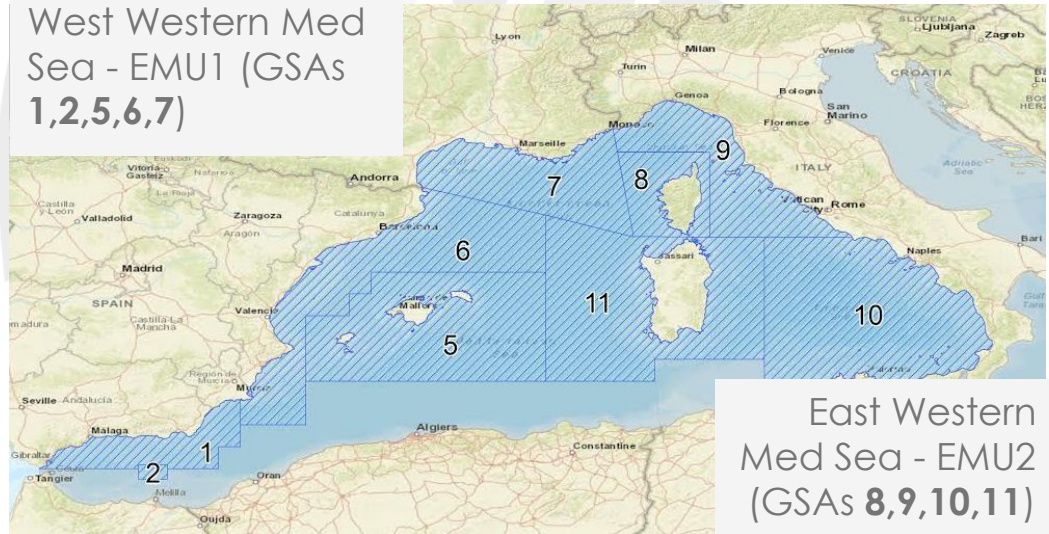


* The contents of this presentation include notes of the MEDAC observer attending at the EWG. The aim is mainly to inform stakeholders on scientific evidences and observations raised during the experts meeting. Nevertheless the contents are not yet approved by STECF plenary. The results and observations reported in the presentation can be modified in the final report of STECF. Notes are not official and MEDAC is not responsible for the use which might be made of this presentation.

In the objective of reaching MSY by 2025 for the West Med demersal stocks, the group is requested to:

-TOR1 **Update mixed fisheries models and Fishing Mortality-Exploitation rate** analyses for Effort Management Units 1 and 2 with the most recent socio-economic and biological data and the most recent stock assessments (if Possible **including the Estimated impact of the Covid-19**)

West Western Med
Sea - EMU1 (GSAs
1,2,5,6,7)



East Western
Med Sea - EMU2
(GSAs **8,9,10,11**)

In the objective of reaching *MSY* by 2025 for the West Med demersal stocks, the group is requested to:

- TOR 2 Compile and provide complete sets of annual data on fishing effort for the longest time series available up to and including 2019.
- TOR 3 To the extent possible, produce a time series of fishing effort data in hour, based on available literature and data

In the objective of reaching MSY by 2025 for the West Med demersal stocks, the group is requested to:

Develop mixed-fisheries effort scenarios: plausible management scenarios are 10% of reduction in 2020 PLUS

no additional reduction of effort		
cumulated reduction* of 10% from 2021 to 2024	+ closures areas	
cumulated reduction* of 20% from 2021 to 2024	+ closures areas	
cumulated reduction* of 30% from 2021 to 2024	+ closures areas	
cumulated reduction* of 30% from 2021 to 2024	+ closures areas	increased capturability
cumulated reduction* of 30% from 2021 to 2024	+ closures areas	effort reduction of other fishing gear

In the objective of reaching MSY by 2025 for the West Med demersal stocks, the group is requested to:

Develop mixed-fisheries effort scenarios: plausible management scenarios are 10% of reduction in 2020 PLUS

30% reduction in 2021 then no further fishing effort reduction	closures areas	
reduction of 15% in 2021+ reduction of 15% in 2022 then no further fishing effort reduction	closures areas	
reduction of 15% in 2021+ reduction of 15% in 2022 then no further fishing effort reduction	closures areas	effort reduction of other fishing gear
cumulated reduction* of 40% from 2021 to 2024	closures areas	
cumulated reduction* of 50% from 2021 to 2024	closures areas	

TOR 5 Review of available bibliography on **complementary solutions** to **achieve MSY by 2025**, including but not limited to:

- ✓ effort reduction conditioned to selectivity increase for trawlers,
- ✓ licencing and/or prohibiting recreational fisheries in the western Mediterranean Sea,
- ✓ participative management,
- ✓ differential effort reduction between fleet segments
- ✓ etc.

TOR 6 Using the advice structure developed in 2019 (EWG 19-14) and the Annex 1 of 2020 Fishing Opportunities (in supp. Material), provide a synoptic overview of:

- (i) the source of data and methods and;
- (ii) the management advice, including technical and conservation measures combined to a range of fishing effort reduction that secure the achievement of MSY by 2025 with limited socio-economic impact.

TOR 7. Discuss **future steps in preparation of EWG 21-xx** (likely in March 2021) that would investigate **the impact of additional spatial closure scenarios, in combination with fishing effort reduction scenarios**, in order **to reduce the bycatch of juveniles** of the six main demersal species in the western Mediterranean Sea.



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Thanks for your
attention!

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