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SCIENTIFIC, TECHNICAL AND ECONOMIC
COMMITTEE FOR FISHERIES (STECF)

Opinion by written procedure

Review of scientific advice for 2013 - part II

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CORRIGENDUM

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Advice on the stock of roundnose grenadier in
ICES Subareas VI & VII and Divisions Vb & XIIb
(STECF-OWP-12-06)

JUNE 2012

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**OPINION OF THE SCIENTIFIC, TECHNICAL AND ECONOMIC COMMITTEE FOR
FISHERIES BY WRITTEN PROCEDURE**

Review of scientific advice for 2013 - part II

CORRIGENDUM

**Advice on the stock of roundnose grenadier in ICES Subareas VI & VII and Divisions Vb &
XIIb**

(STECF-OWP-12-06)

SEPTEMBER 2012

The text below should replace the corresponding sections in Part 2 of the STECF Review of advice for 2013 for stocks of Community interest (STECF 12-08 Review of scientific advice for 2013 – Part 2. Publications Office of the European Union, Luxembourg, EUR 25413 EN, JRC 73064).





9.9.2 Roundnose grenadier (*Coryphaenoides rupestris*) in Subareas VI and VII and in Divisions Vb and XIIb

FISHERIES: Roundnose grenadier is caught in a mixed fishery catching also black scabbardfish and blue ling. The period before the expansion of the fishery corresponds to the years 1990–1996. Landings in recent years have been below TACs both in Division Vb, Subareas VI, VII, and Division XIIb. Length distributions of French and Spanish landings decreased towards smaller fish. Discards accounted for about 30% of the catch in weight and 50% in number for the French fleets. Discards for the Spanish fleets are 10–18% of the landings in weight. In 2011, French discards have been reduced to 12% of the catch due to fishing activity in shallower waters and avoidance strategy. Spanish discards rate were uncertain but composed at least 5% of the catch. Total landings in 2011 (provisional) were 3,100 t (6,220 t in 2010), 100% deep-water trawl.

REFERENCE POINTS:

	<i>Type</i>	<i>Value</i>	<i>Technical basis</i>
MSY Approach	MSY B_{trigger}	44 900 t	B_{loss} (2012 assessment).
	B_{MSY}^*	69 100 t	Half of carrying capacity K , estimated from the surplus production model.
	H_{MSY}^*	0.08	Half of the intrinsic growth rate r , estimated from the surplus production model.
Precautionary Approach	B_{lim}	Not defined.	
	B_{pa}	Not defined.	
	F_{lim}	Not defined.	
	F_{pa}	Not defined.	

STOCK STATUS:

F_{proxy} (Harvest Rate)		
		2009–2011
MSY (H_{MSY})		Below target
Precautionary approach ($F_{\text{pa}}, F_{\text{lim}}$)		Unknown
Stock Biomass		
		2009–2011
MSY (B_{trigger})		Above target
Precautionary approach ($B_{\text{pa}}, B_{\text{lim}}$)		Unknown

Total biomass for Division Vb and Subareas VI and VII is estimated to have been below B_{MSY} since 2002, decreasing until 2006. The stock is currently above MSY B_{trigger} . The harvest rate is below target (H_{MSY}).

RECENT MANAGEMENT ADVICE: ICES advises that based on the MSY approach catches should be no more than 6,000 t (4,500 t for Division Vb and Subareas VI and VII, and 1,500 t (the 2011 catch) for Division XIIb).

Other considerations

MSY approach

Following the ICES MSY framework implies fishing at a harvest rate of 0.08, resulting in landings of no more than 4500 tonnes in 2013 and 2014 for Division Vb and Subareas VI and VII.

Precautionary approach

Catches in Division XIIb have been declining in recent years. Following the precautionary approach ICES advises that catch should be no higher than that in 2011. This equates to a catch of no more than 1500 tonnes in 2013 and 2014 for Division XIIb.

STECF COMMENTS: STECF agrees with the ICES assessment of the state of the stock and agrees with the advice for 2013 and 2014.

Given that roundnose grenadier is taken in a deepwater mixed fishery, there is a need to harmonise management measures to account for the management requirements for other species taken.

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Abstract

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