

Roundnose grenadier (*Coryphaenoides rupestris*) in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2 (Northeast Atlantic and Arctic Ocean)

ICES stock advice

ICES advises that when the precautionary approach is applied, landings should be no more than 65 tonnes in each of the years 2018 and 2019. ICES cannot quantify the corresponding catches.

Stock development over time

Landings for this stock are small and have been stable in recent years.

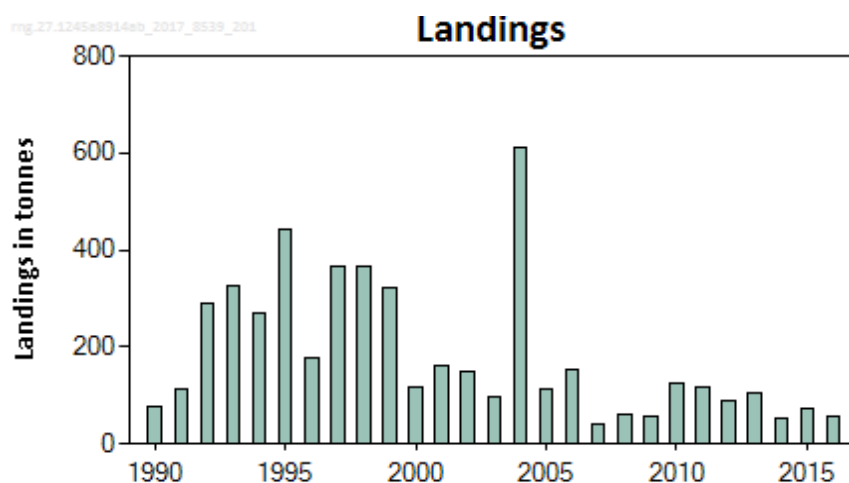


Figure 1 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2.. Total landings.

Stock and exploitation status

Table 1 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. State of the stock and fishery relative to reference points.

		Fishing pressure				Stock size				
		2014	2015	2016			2014	2015	2016	
Maximum sustainable yield	F _{MSY}	?	?	?	Unknown	MSY B _{trigger}	?	?	?	Unknown
Precautionary approach	F _{pa} , F _{lim}	?	?	?	Unknown	B _{pa} , B _{lim}	?	?	?	Unknown
Management plan	F _{MGT}	—	—	—	Not applicable	B _{MGT}	—	—	—	Not applicable
Qualitative evaluation	-	?	?	?	Unknown	-	?	?	?	Unknown

Catch options

The ICES framework for category 6 stocks was applied (ICES, 2012). For stocks without information on abundance or exploitation, ICES considers that a precautionary reduction of catches should be implemented unless there is ancillary information clearly indicating that the current level of exploitation is appropriate for the stock. The precautionary buffer was last applied in 2015 and has not been applied again.

Table 2 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. The basis for the catch options.

Advised landings (2016–2017)	65 tonnes	
Discard rate	Unknown	
Precautionary buffer	Not applied	-
Landings advice*	65 tonnes	

* (Recent advised landings).

Basis of the advice

Table 3 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. The basis of the advice.

Advice basis	Precautionary approach.
Management plan	ICES is not aware of any agreed precautionary management plan for 2017 in this area.

Quality of the assessment

The available information is inadequate to evaluate stock status or trends.

Issues relevant for the advice

As this is a bycatch fishery, trends in landings may reflect changes in activity in other fisheries rather than in stock abundance. Landings data in early years may be affected by species misidentification.

Catches are taken in small amounts from a number of discrete regions throughout the stock area, reducing the risk of depletion in any particular area/population.

Reference points

No reference points are defined for this stock.

Basis of the assessment

Table 4 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. Basis of the assessment and advice.

ICES stock data category	6 (ICES, 2016).
Assessment type	No assessment (ICES, 2017).
Input data	Landings data.
Discards and bycatch	Unknown.
Indicators	None.
Other information	None.
Working group	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources (WGDEEP)

Information from stakeholders

No information is available.

History of the advice, catch, and management

Table 5 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. ICES advice and official landings. All weights are in tonnes.

Year	ICES advice	Predicted catch corresp. to advice	TAC EU subareas 1, 2, and 4	TAC EU Subareas 8, 9, 10, 12, and 14	ICES landings* for the stock**
2003	Fishery not allowed to expand, unless proven to be sustainable	-	20^^	-	96
2004	Biennial	-	20^^	-	612
2005	Fishery not allowed to expand, unless proven to be sustainable	-	20^^	7190	111
2006	Biennial	-	20^^	7190	155
2007	Fishery not allowed to expand, unless proven to be sustainable	-	20^^	6114	41
2008	Biennial	-	20^^	6114	59
2009	Fishery not allowed to expand, unless proven to be sustainable	-	17^^	5197	57
2010	Biennial	-	17^^	5197	125
2011	Fishery should not be allowed to expand, and a reduction in catches should be considered	-	15	4573	115
2012	No new advice, same as 2011	-	13	3979	89
2013	Fishery not allowed to expand from 120 t, unless proven to be sustainable	< 120	13	3581	103
2014	No new advice, same as 2013	< 120	13	3223	51
2015	No new advice, same as 2013	< 120	13	3644***	70
2016	Precautionary approach with application of PA buffer	65	13	3279***	58
2017	Biennial	65	10	2623^	
2018	Precautionary approach (same value as advised catches for 2016–2017)	≤ 65	10	2099^	
2019	Precautionary approach (same value as advised catches for 2016–2017)	≤ 65			

* Revised. Earlier French landings that reached 562 t were assigned to this species; however, a recent revision of the data indicates that previous landings are more likely to correspond to roughhead grenadier.

** In Subareas 1, 2, 4, 8, and 9, Division 14.a, and Subdivisions 5.a.2 and 14.b.2.

*** In the combined TAC for roundnose and roughhead grenadiers, roundnose grenadier cannot exceed 80% of the quota of each country.

^ Bycatch of roughhead grenadier are counted against the quota of roundnose grenadier and may not exceed 1%.

^^ Includes international waters of Division 5.a.

History of the catch and landings

There are no reported catches in the NEAFC regulatory area.

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Table 6 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. Landings distribution by fleet in 2016 as estimated by ICES.

Catch (2017)	Landings	Discards
unknown	100% bottom trawl (as bycatch)	unknown
	58 tonnes	

Table 7 Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2. History of commercial landings as estimated by ICES are presented by area for each country participating in the fishery. All weights are in tonnes.

Year	Subareas 1 and 2							Subarea 4					Subdivision 5.a				Subareas 8 and 9			Subdivision 14.b.2								Unallocated	TOTAL				
	Faroes	Denmark	Germany	Norway	Russia/USSR	Germany	UK (E+W)	Total	France	Germany	Norway	UK (Scot)	Denmark	Total	Faroes	Iceland**	Norway	Total	France	Spain	Total	Faroes	Germany	Greenland	Iceland	Norway	UK (E+ W)			UK (Scot)	Russia	Total	
1990	1	1	2		12	3		17		2				2		7		7	5		5		45	1			1			47		78	
1991			3	28					31		4				4		48		48	1		1		23	4			2			29		113
1992				1		29			30				4	1	5		210		210	12		12		19	1	4	6		1		31		288
1993						2			2		4				4		276		276	18		18		4	18	4				26		326	
1994					12				12		2			25	27		210		210	5		5		10	5					15		269	
1995									0		1		15		16		398		398			0		13	14					27		441	
1996									0				5	7	12	1	139		140	1		1		6	19					25		178	
1997						100			101				10		10		198		198			0	6	34	12		7			59		366	
1998						87	13		100						0		120		120	1	19	20	1	116	3		6			126		366	
1999						44	2		46			5			5		129		129	9	7	16		105	0		19			124		320	
2000									0						0		54		54	4		5		41	11		5			57		116	
2001								2	2					17	17		40		40	7		7		11	5		7	2	72	97	208	163	
2002						11	1		12			1	26		27		60		60	3		3		25	5		15	1	1	47	504	149	
2003						4			4			1	11		12		57		57	2		2			15		5	1		21	952	96	
2004						27			27					1	371	372	181		181	2		2		27	3					30		612	
2005						12			12			2			2		76		76	8		7			7		6	1		14		111	
2006						6	2		8			4			4		62		62	27	1	28		35	0		17			52		155	
2007						11	1		12			1			1	1	13	2	16	10		10	1				1			2		41	
2008						10			10						0		29		29	8		5								12		59	
2009						9			8						0		46		46	1		11					1	1		2		57	
2010				17	6		23			2	0		2		59		59	1		1		33			7			40		125			
2011				16			16			0	0		0		62		62	1		1		32			4			36		115			
2012				5			5			1			1	0	80		81	0		0					1			1		89			
2013				17			17						0		84		84	0		0					2			2		103			
2014				4			4	3					3		36		36	0		0					7			7		51			
2015				6			6	1		1			2		22		22		1	2			38		38					70			
2016*				4			4	2					2		52		52			0					0					58			

*Preliminary.

Summary of the assessment

There is no assessment for roundnose grenadier in this area.

Sources and references

- ICES. 2012. ICES Implementation of Advice for Data-limited Stocks in 2012 in its 2012 Advice. ICES CM 2012/ACOM 68. 42 pp.
- ICES. 2016. Advice basis. *In* Report of the ICES Advisory Committee, 2016. ICES Advice 2016, Book 1, Section 1.2.
- ICES. 2017. Report of the Working Group on the Biology and Assessment of Deep-sea Fisheries Resources (WGDEEP), 24 April–1 May 2017, Copenhagen, Denmark. ICES CM 2017/ACOM:14. 702 pp.