



Working Group I meeting
Chaired by Christian Olesen

4 October 2012, Amsterdam, The Netherlands

Start of meeting

- Approval of the agenda
- Approval of the minutes of 11 July 2012



Fishing opportunities for 2013

- Presentation of ICES advice
 - Ms Carmen Fernandez (ACOM vice-chair)
- Recommendations from Pelagic RAC



Northeast Atlantic Mackerel

- Assumed catch in 2012 = 930 kt
- SSB (2012) = 2677 kt (above MSY $B_{trigger}$)

Management Objective (s)	Landings in 2013
MSY Framework	542 kt
Management Plan upper boundary ($F = 0.22$)	542 kt
Management Plan mid-point ($F = 0.21$)	519 kt
Management Plan lower boundary ($F = 0.20$)	497 kt



Northeast Atlantic Mackerel

- PRAC recommendation?



Atlanto-Scandian Herring

- Assumed catch in 2012 = 833 kt
- SSB (2012) = 6.1 million tons (above MSY Btrigger)
- SSB (2013) = 5.1 million tons (above MSY Btrigger)
- SSB (2014) = 4.3 million tons (below MSY Btrigger)

Management Objective (s)	Landings in 2013
Management Plan (F = 0.125)	619 kt
MSY (F = 0.15)	734 kt



Atlanto-Scandian Herring

- PRAC recommendation?



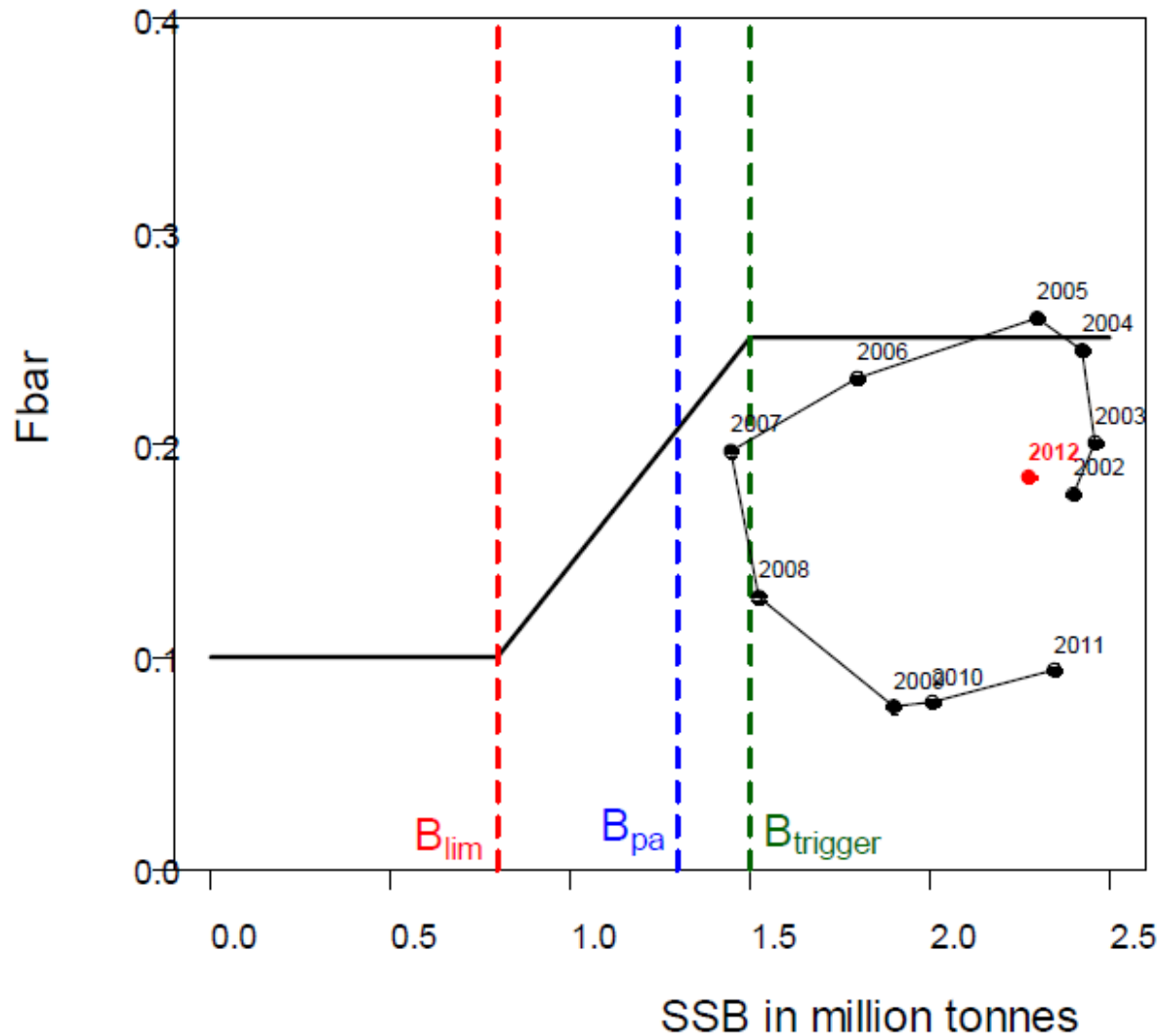
North Sea Herring advice

- TAC 2012 = 405 000 t
- SSB(2012) = 2 271 000 t (above Bpa, above Btrig)

Management Objective (s)	Landings in 2013	SSB in 2013
LTM plan (which invokes the 15% limit on TAC change)	465 750 t	2 047 000 t
The EU–Norway Harvest Control Rule as implemented within the management plan (no restriction on TAC change)	514 700 t	2 013 000 t
Human consumption fishing mortality = 0.3	606 200 t	1 950 000 t



North Sea Herring management plan



Request to ICES / agreed on Orkney June 2012

- Re-evaluate the precautionary reference points (B_{LIM} , B_{PA} , F_{LIM} and F_{PA}) and the management reference points ($B_{TRIGGER}$ and F_{MSY})
- Evaluate the Harvest Control Rule under a number of conditions
- Evaluate a number of stability mechanisms
- Evaluate if inter-annual quota flexibility of +/-10% (banking and borrowing) is possible in compliance with the precautionary approach.



Results WKHELP

Scenario	Btrigger	F	PA
Banking	1.6	0.24	4.3
Banking	1.7	0.24	3.4
Banking	1.8	0.24	2.9
Banking	1.9	0.24	2.2
Banking	2.0	0.24	1.7
B and B	1.6	0.24	4.3
B and B	1.7	0.3	3.6
B and B	1.8	0.3	2.9
B and B	1.9	0.3	2.8
B and B	2.0	0.3	2.4



Results WKHELP

Scenario	Btrigger	F	Mean Yield	Mean IAV (%)	SSB in 2022
LTMP	1.3	0.24	326.727	13.002	1 220
LTMP	1.9	0.3	316.420	14.272	1 284
FIAV	1.3	0.24	321.891	16.011	1 226
FIAV	1.3	0.3	347.634	20.481	1 153
Mean TAC	1.3	0.24	329.062	11.856	1 219
Mean TAC	1.6	0.3	334.075	15.288	1 224
No IAV	1.5	0.24	308.955	22.300	1 268
No IAV	1.5	0.3	333.158	28.456	1 199



North Sea Herring

- PRAC recommendation?
- Advice on TAC2013?
- Advice on management reference points in new LTMP?
- Advice on stability mechanism?
- Advice on B&B on top of MP?
- Advise to use the amended MP for 2013?



- Assumed catch in 2012 = 41 kt
(Assuming a utilization in 2012 of the WBSS part of the TAC/bycatch ceiling of 100% (F-fleet), 58% (C-fleet), and 41% (D-fleet))
- SSB(2012) = 132 kt (Above MSY biomass trigger)

Management Objective (s)	Landings in 2013
MSY Framework	51.9 kt
$F_{2012}^* 1.14$	50.6 kt
$F_{2012}^* 1.36$	59.5 kt
$F_{2012}^* 1.6$	68.5 kt



WBSS Herring

TACs

- TACs 2012:

22-24	IIIa	
Fleet F	Fleet C	Fleet D
20.9	45	6.7

- ICES advice 2013:

Management Objective (s)	22-24	IIIa	
	Fleet F	Fleet C	Fleet D
MSY Framework	25.8	34.3	3.6
$F_{2012}^* 1.14$	25	33.8	3.4
$F_{2012}^* 1.36$	33.8	45	6.7
$F_{2012}^* 1.6$	33.8	45	6.7

+23%

-24%



WBSS Herring

- PRAC recommendation?



WBSS Herring

- PRAC recommendation?

Since there is no management in place for this stock PRAC will not advise on a TAC for 2013.

PRAC advises that the development of a management plan for WBSS be given first priority in 2013.

A benchmark exercise will be conducted over the coming months and the results from that should be used as basis for the development.

In that process the questions of allocation between 22-24 and IIIa, evaluation of mixing with NSAS and possible flexibility into the NS should be solved.



Communication with WGWIDE

NEA MACKEREL

PRAC:

- Is the current productivity an indication of a regime shift and if so, what would be needed scientifically to determine whether this is actually the case and should management take this into account ?
- Does ICES and the scientific community in general agree with the Simmonds paper stating a structural underestimation of SSB of mackerel and SSB being at least double of the official figure ?

WGWIDE:



Communication with WGWIDE

BLUE WHITING

PRAC:

- Since 2006 almost all of the catch of blue whiting has been taken outside the Icelandic EEZ, what is the reason of this? Change in migration pattern, or collapse of blue whiting stock etc.
- Overlapping distribution of mackerel and blue whiting / ecological interaction between the two stocks – what are the implications of this observation in terms of the management of the 2 stocks?

WGWIDE:





End of Working Group I meeting

Thank you