



BIM

Ireland's
Seafood
Development
Agency

Celtic Sea Choke Species Analysis

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What did we do?

- Workshop 20-21st June
- MS and AC members
- Test CMT
- Populate CMT for Celtic Sea stocks
- 13 stocks

What did we do?

- Stocks classified into:
- High risk
- Moderate risk
- Low or no apparent risk
- Considered some additional issues

High risk

Species	Main findings
Haddock	<ul style="list-style-type: none">• Catches > TAC; High discards• Partial mitigation possible (Selectivity/Avoidance)• Significant residual problem
Skates and Rays	<ul style="list-style-type: none">• Catches > TAC; Data issues (discard data)• High survivability / Avoidance/Alternative measures (Species/Fishery dependent)• Significant residual problem w/o survivability exemption
Sole VII f,g	<ul style="list-style-type: none">• Catches > TAC; Discards include above/below MCRC• High survivability/existing de minimis/selectivity(?)• Significant residual problem w/o survivability exemption
Plaice VII f,g	<ul style="list-style-type: none">• Catches > TAC; High discards/by-catch only• High survivability/selectivity (pulse)/a voidance/ Remove TAC
Whiting	<ul style="list-style-type: none">• Catches > TAC; High discards• Selectivity/Avoidance/ISF/Moving catches of VIId

Moderate risk

Species	Main findings
Hake	<ul style="list-style-type: none">• Catches < TAC; Transfers to other areas• Selectivity/Avoidance/Quota swaps/ISF/De minimis• Potential for residual issues
Sole VIIh,j,k	<ul style="list-style-type: none">• Catches < TAC; Small TAC; By-catch only/Discards > MCRS• High survivability / Avoidance/Quota swaps/merging areas/Remove TAC
Plaice VIIh,j,k	<ul style="list-style-type: none">• Catches < TAC; Small TAC; By-catch only/Discards > MCRS• High survivability / Avoidance/Quota swaps/merging areas/Remove TAC
Cod	<ul style="list-style-type: none">• Catches < TAC; Highly variable TAC; Discards > MCRS• Selectivity in by-catch fisheries/Avoidance• Potential for residual issues depending on stock
Anglerfish	<ul style="list-style-type: none">• Catches < TAC; Widely dispersed/Target and By-catch• Quota swaps/Avoidance & selectivity?• Residual issues w/o swapping
Megrim	<ul style="list-style-type: none">• Catches < TAC; Widely dispersed/Target and by-catch• Quota swaps

Low or No apparent risk

Species	Main findings
Nephrops	<ul style="list-style-type: none">• Catches < TAC;• No issues except for IE reliant on swaps
Pollack	<ul style="list-style-type: none">• Catches < TAC;• No issues

Member States

MS	ANG	COD	HAD	HKE	LEZ	NEP	PLE VIIf,g	PLE VIIh,j,k	POL	SOL VIIf,g	SOL VIIh,j,k	RAJ	WHG
BE	N	N	Y	N	N	N	Y	?	N	Y	?	Y	Y
FR	N	N	Y	N	N	N	Y	?	N	Y	?	Y	Y
ES	Y	?	Y	Y	N	N	N	N	N	N	N	?	?
IE	Y	Y	Y	Y	N	?	Y	N	N	Y	N	Y	Y
NL	N	?	?	Y	N	N	N	N	N	N	N	?	Y
UK	Y	?	Y	N	Y	N	?	?	N	N	?	Y	N

Other species?

- Demersal by-catches in pelagic fisheries
 - Whiting in Celtic Sea herring
 - Hake in Mackerel fishery
- Pelagic by-catches in demersal fisheries
 - Horse mackerel/mackerel in mixed demersal
 - Boarfish in mixed demersal

What can we conclude?

- Tool works
- High risk – Haddock, Skates & Rays, Plaice & Sole, Whiting
- Moderate risk – Hake, Cod, Anglerfish, Plaice & Sole, Megrin
- Low risk – Nephrops & Pollack

What can we conclude?

- All MS impacted
- Demersal by-catches in pelagic fisheries
- Pelagic by-catches in demersal fisheries
- Zero TACs
- Extend analysis to cover additional species
- Extend to cover WOS, Irish Sea and Channel
- Extend to cover other ACs