



Commission for the Conservation of Antarctic Marine Living Resources Commission pour la conservation de la faune et la flore marines de l'Antarctique Комиссия по сохранению морских живых ресурсов Антарктики Comisión para la Conservación de los Recursos Vivos Marinos Antárticos

UII for IUU

(and compliance evaluation)

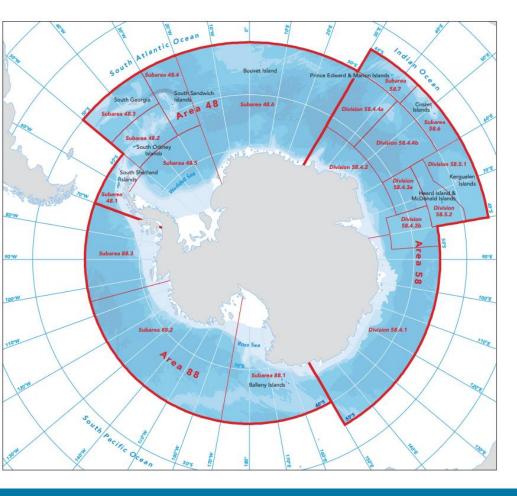
Understand

Identify

Implement







CCAMLR Convention Area

- 36 million km²
- Similar size to the North or South Atlantic
 Oceans
- 10% of the world's ocean area
- Boundary based on the position of Antarctic Convergence
- CCAMLR manages all living resources in the Convention Area (except whales and seals)
- Conservation focused



Three types of fisheries





CCAMLR COMPLIANCE EVALUATION PROCEDURE

Analytical

Transparent

Equitable

Repeatable





Conservation Measures

<u>Understand</u>

What is the objective of that conservation measure?

What does compliance with that look like?

What does non-compliance look like?

<u>Identify</u>

What is being assessed?

How can we assess this?

<u>Implement</u>

Design and apply an analysis



Data

<u>Understand</u>

What data do you have access to?

What considerations do you need to know with using it?

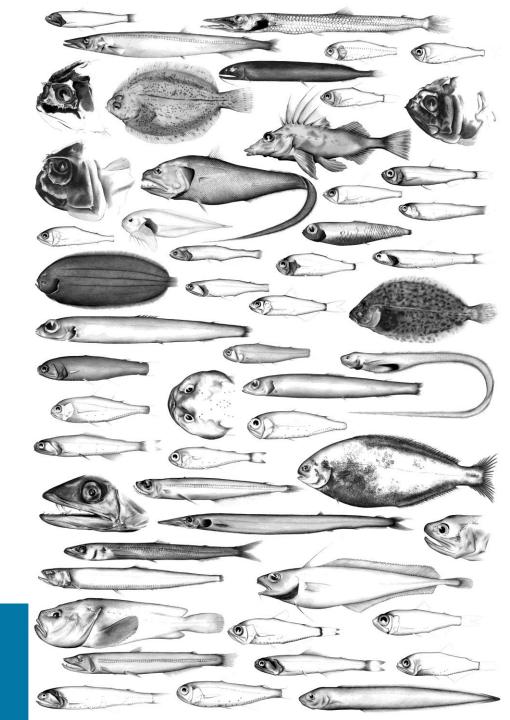
<u>Identify</u>

What is contained in this data?

What data could be applicable to conservation measures?

<u>Implement</u>

Design and apply an analysis





Conservation Measure 10-09

Requirement to notify – 72 hr or 2 hr

Requirement to confirm – 3 working days

Prohibited areas

Data holdings

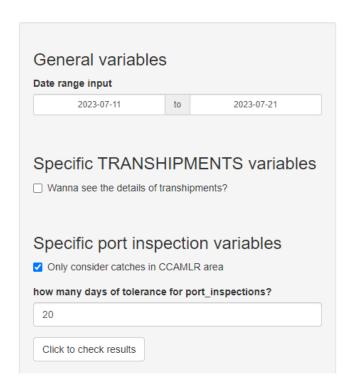
Transhipment notifications

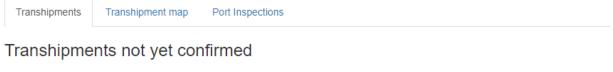
Transhipment confirmations

VMS data









Transhipments of marine life resources, fuel or bait notified with less than 72h

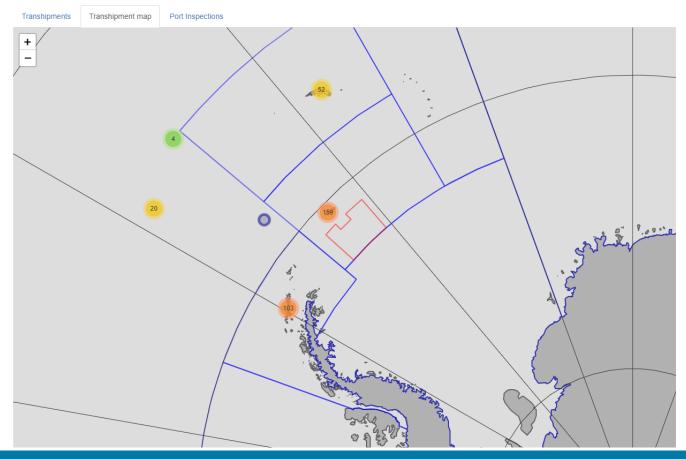
Other Transhipments notified with less than 2h

Transhipments confirmed after 3 working days

Before 01/12/2020, we just recorded the first of the confirmations received

All Transhipments during the period







Compliance assessments

2019 - 99.5 %

2020 – 78 %

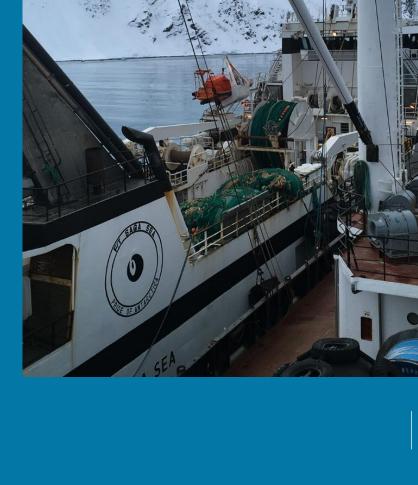
2021 – 57 %

2022 – 91 %

Outcomes

Review of CM 10-09 in 2021

Improved engagement by Contracting Parties and industry





Case Study - Tagging

Tag release recapture program a core foundation of Toothfish stock assessments

18 different tagging rates dependent on area and species

Overlap statistic calculation

Tagging practice requiremenets

Data holdings

Tagging data – release & recapture

Observer reports

VMS data





Case Study – Tagging rate & Overlap

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0	grouping	AREA [‡]	SEASON [‡]	SHIP_NAME	NATIONALITY_CODE *	TAXON [‡]	CATCH_TONNES	CATCH_N [‡]	CRUISES	MEASURED_N [©]	TAGGED_N [©]	RECAPTURED_N	TAG_RATE [‡]	TAG_OVERLAP
1	2022_ MIN 70	N70	2022		-	TOA	20.5	633	2161	256	22	2	1.1	NC
2	2022	S70	2022		_	TOA	93.3	2946	2161	2100	95	18	1.0	78.45
3	2022	5842_1	2022		-	TOA	49.1	1924	2228	1987	288	4	5.9	86.76
4	20225842_2	5842_2	2022		-	TOA	13.9	622	2228	684	87	0	6.3	77.82
5	2022N70	N70	2022		-	TOA	7.2	219	2153	103	10	0	1.4	NC
6	2022570	S70	2022		_	TOA	104.4	3571	2153	2173	114	24	1.1	77.85
7	2022 882 D	882D	2022		-	TOA	169.3	13882	2174	2344	510	36	3.0	79
8	2022 882 E	882E	2022		-	TOA	38.5	2752	2174	636	120	8	3.1	82.02
9	2022882F	882F	2022		-	TOA	58.5	7834	2174	1622	182	12	3.1	86.96
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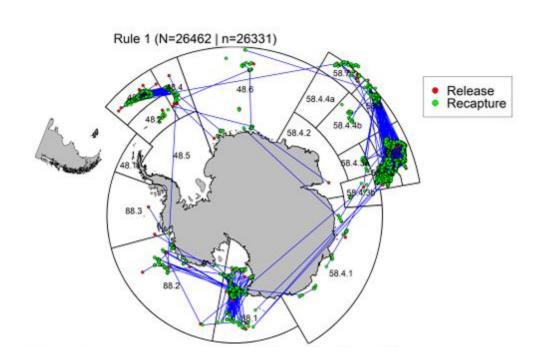


Case Study – Tagging handling





Case Study – Tag Recaptures





Strategic planning MCS activities in remote locations

Identification of emerging issues

Supply chain activities through CDS

Tracking transhipments

Tracking hook retrievals and CPUE

Outside of the box thinking



Summary

Invest in knowledge

Understand your laws/CMs/CMMs

Understand your data holdings



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