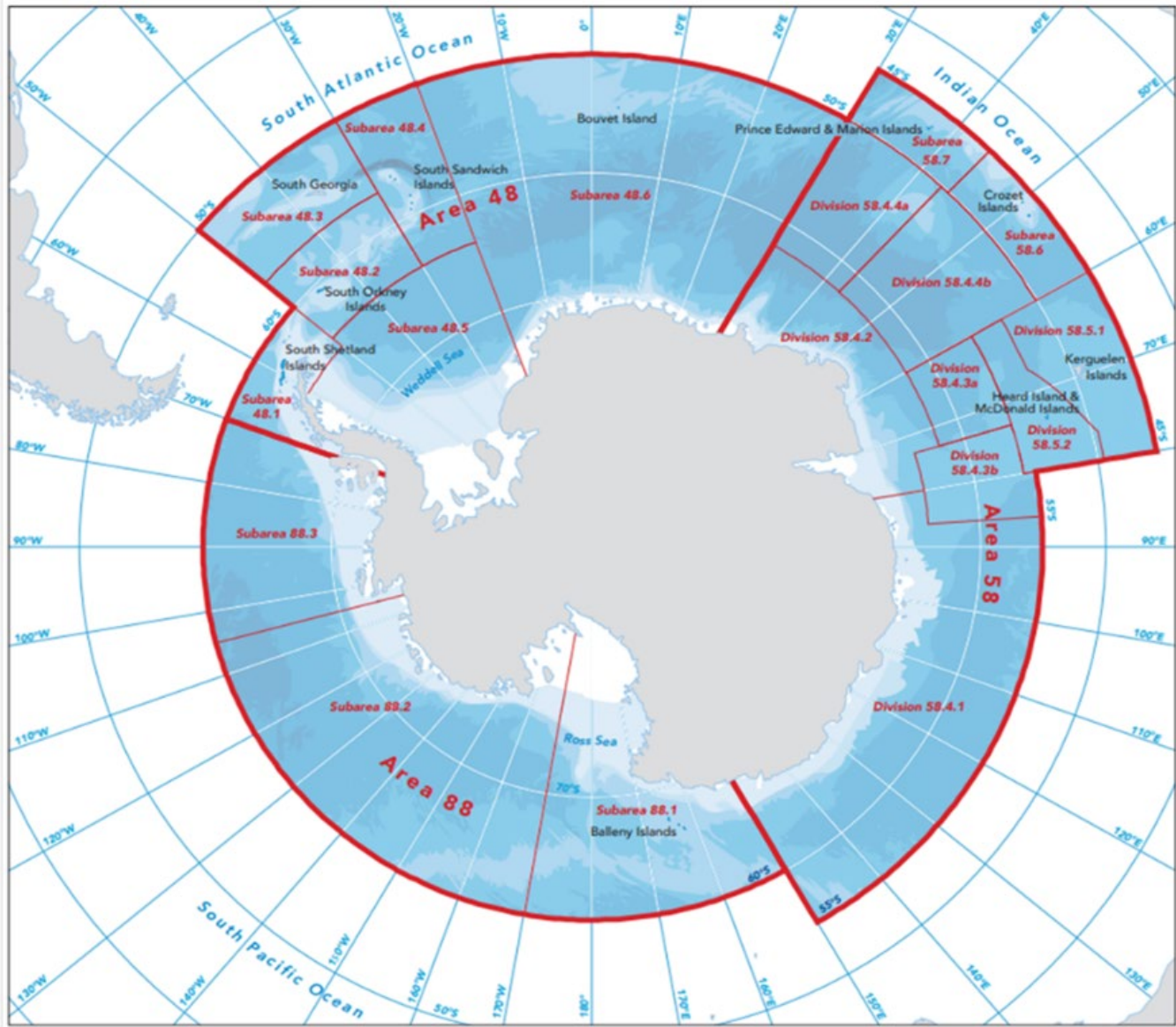


# **Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) Catch Documentation Scheme (CDS)**

**Todd Dubois**  
**Fisheries Monitoring and Compliance (FMC) Manager**



**SEAFDEC Regional Training on Traceability and Effective Management Tools for Fish and Fishery  
Products in SE Asia**  
**Bangkok, Thailand 01-03 October 2024**



- 36 million km<sup>2</sup>
- 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)



# The CAMLR Convention

## Concern for the Antarctic marine environment

- Scientists expressed their concern about the expansion of fishing for krill and other human impacts on marine ecosystems in Antarctic waters as early as the 1970s.
- As a consequence, the Antarctic Treaty Consultative Parties initiated negotiations resulting in the Convention on the Conservation of Antarctic Marine Living Resources being signed in 1981 by 15 nations from around the world.
- Entry into force: **7 April 1982**



# Aim

## Conserving Antarctic marine life – Article II

**Conservation**, which includes **rational use**

- Prevention of decrease below levels which allow stable recruitment
- Maintain ecological relationships
- Prevention of changes that are not reversible over 2-3 decades



# CCAMLR participants

- 27 Members
- 10 Acceding States
- 4 Cooperating non-contracting parties (Colombia, Singapore, Thailand, Mexico)
- 20+ Intergovernmental or non-governmental organisation invited observers



# CCAMLR management of Antarctic fisheries

There are four species currently fished in Antarctica:

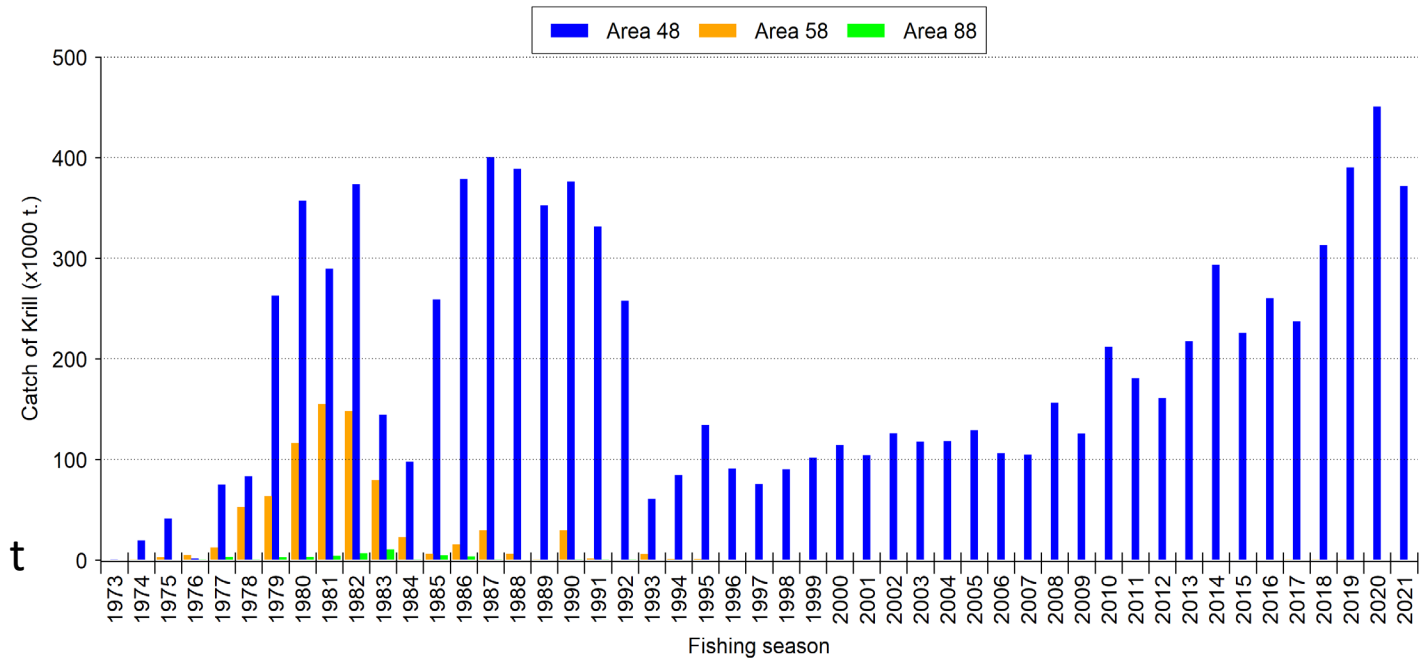
- Patagonian toothfish (*Dissostichus eleginoides*)
- Antarctic toothfish (*Dissostichus mawsoni*)
- Mackerel icefish (*Champsocephalus gunnari*),
- Antarctic krill (*Euphausia superba*)





# Fisheries management

- Antarctic krill
  - Key ecosystem species
  - Pelagic trawling
  - Increasing catches last 10 years
  - Stock abundance via acoustics
  - Managed through recruitment projections
  - Capped at 620,000 t, current catch ~450,000 t
  - Spatial overlap with predators such as penguins, seals, whales
  - Products include:
    - meal and oil for aquaculture
    - livestock and pet food
    - human consumption (krill tails) and nutraceuticals



# Fisheries management

## Toothfish (Antarctic and Patagonian)

- Top predator
- Bottom longlines, 600 to 2000 m depths
- Long-lived low productivity
- Abundance estimated through tagging program
- Most areas fished with assessments from both Olympic and research fisheries.
- Total annual catch typically 16,000 t
- Attractive table fish, capable of prolonged frozen storage
- Particularly valuable markets in USA and China

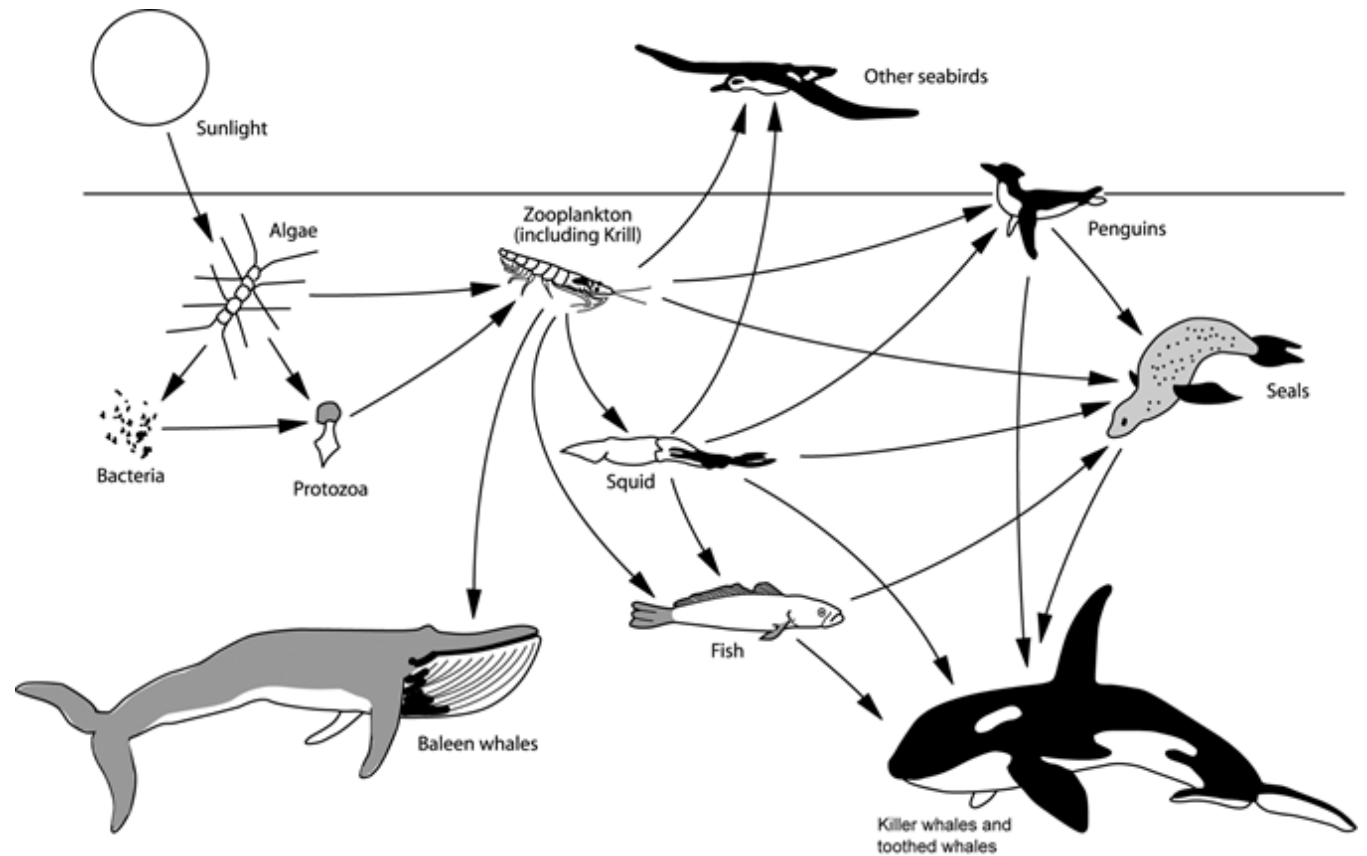




# Ecosystem approach to fisheries management

A key objective of the Convention is to maintain ecological relationships between harvested, dependent and related populations of marine living resources in Antarctica.

This is known as the ecosystem approach to the management of fisheries.



# Combating IUU fishing



# IUU Fishing in CCAMLR

- Fishing without a license
- False or not reporting of catches
- Fishing in a closed period/closed area
- Fishing with prohibited gear
- Transshipping with known IUU vessels (vessels on CP IUU Vessel List or NCP IUU Vessel List)
- Failure to provide valid catch documents
- Fishing activities that undermine the objectives of the Convention





# CCAMLR – IUU fishing (CM 10-06 and 10-07)

A combination of surveillance, enforcement and market controls have significantly reduced illegal, unreported and unregulated fishing that undermines the CCAMLR's conservation measures.

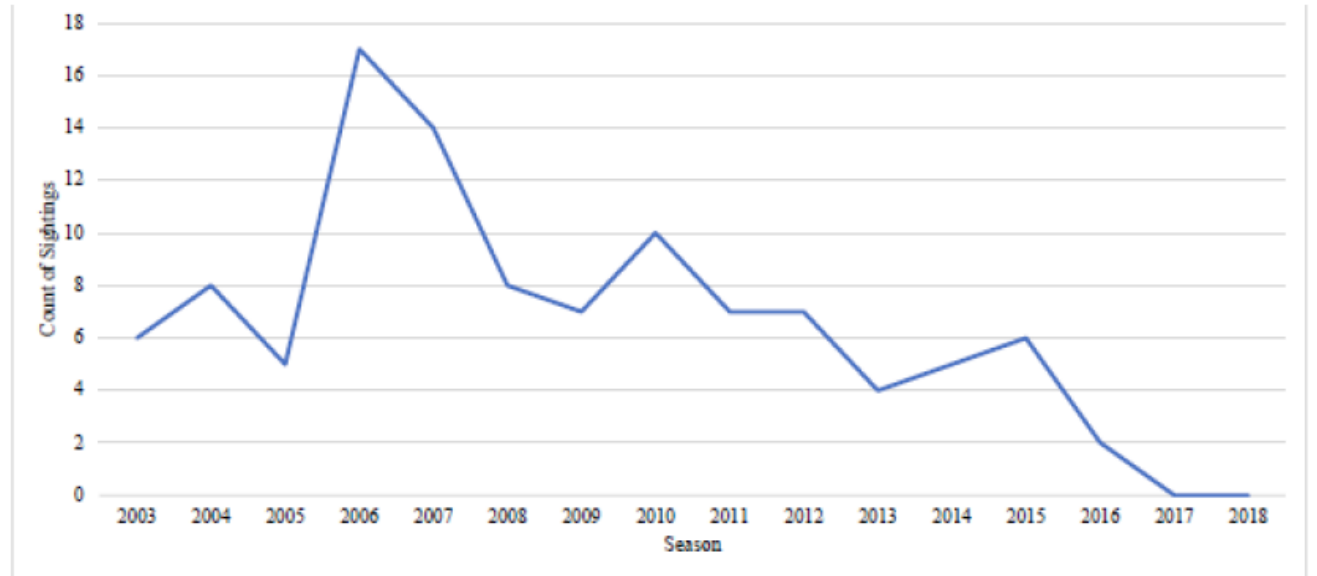


Figure 1: Reported sightings of IUU or unidentified vessels within the Convention Area. The figure does not include reports of unidentified fishing gear sighted or retrieved in the Convention Area which may be indicative of IUU activity and is not corrected for changes in surveillance effort.

# Primary compliance monitoring tools

## Vessel Monitoring Systems (CM 10-04)

- Reports on the location of vessels operating in the Convention Area.



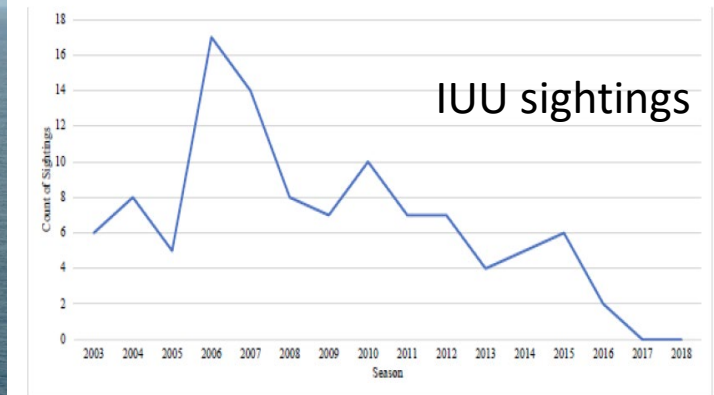
## Inspections (CM 10-03 and CCAMLR SOI)

- Port and at-sea inspections of vessels fishing in the Convention Area under CCAMLR's System of Inspections (SOI).



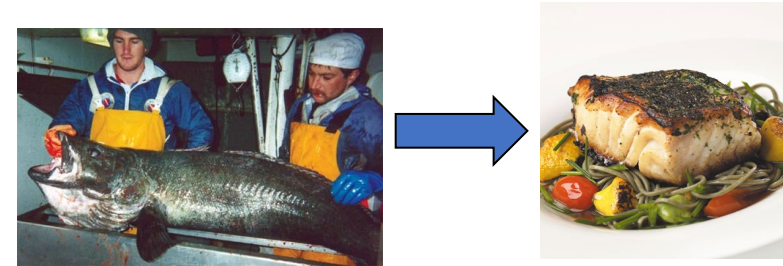
## Catch Documentation Scheme (CDS) (CM-10-05)

- Tracks toothfish from landing through the trade cycle.
- Distinguish between legal and illegal harvesting.
- Electronic system



# Engagement and cooperation to address IUU

- CCAMLR is committed to working with non-contracting parties engaged in the harvest and trade of toothfish
  - Data access
  - Training
  - Information Sharing
- Cooperation with CCAMLR CDS (CM 10-05 Annex C)
- Non contracting Party Engagement Strategy (including Flag States, Port States, Trading States and Harvesting States)
- INTERPOL
- International MCS Network/Joint Analytical Cell (JAC)
- RPOA-IUU
- SEAFDEC
- Regional Fisheries Bodies (SIOFA, WCPFC, SPFRMO etc.)







## **The Kingdom of Thailand granted limited access to CDS**

TO ALL MEMBERS OF THE COMMISSION

As outlined in [COMM CIRC 23/80](#), the Kingdom of Thailand requested limited access to the Catch Documentation Scheme for *Dissostichus* spp. (CDS) for the purpose of verifying export/re-export documents accompanying imports of *Dissostichus* spp. and issuing re-export documents.

No objection was received from any Member during the 45 day review period outlined in [COMM CIRC 23/80](#) and in accordance with CM 10-05, Annex 10-05/C, paragraph C4(ii), the Secretariat will provide the Kingdom of Thailand with limited access to the CDS from 2 October 2023.



# Relevant Conservation Measures (CMs)

Tool to Combat IUU Fishing and the Trade of IUU Fisheries Products

Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR)  
Fisheries Monitoring and Compliance (FMC) Section



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# Commercial incentives

- Toothfish

- Gained popularity in 1980's – 1990
- Particularly valuable markets in USA and China
- Known as “White Gold”  
‘Wedding Fish’
  - Attractive table fish
  - Composition which promotes prolonged frozen storage



\*Images courtesy of [COLTO](#) with permission





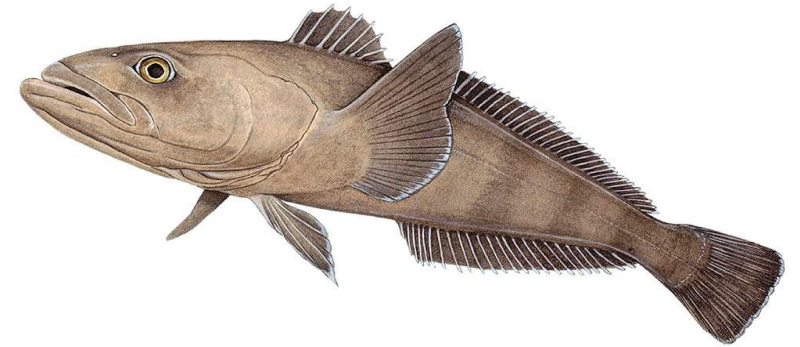
# What is a toothfish anyway...

Patagonian toothfish (*Dissostichus eleginoides*)

- *Bacalao, butterfish, Chilean seabass, merluza negra, mero, róbalo and snow fish*

Antarctic toothfish (*Dissostichus mawsoni*)

- *Chilean seabass, Antarctic blenny, Antarctic cod and Mawson's toothfish*



# Detecting and deterring IUU fishing presents many challenges



**Illegal  
Unreported  
Unregulated  
Harvest**



**Legal  
Reported  
Regulated  
Harvest**



# Trade tracking

CCAMLR's electronic Catch Documentation Scheme (e-CDS) has critical role in combating IUU fishing and trade in IUU fishing products

Many different approaches: important to factor resource vulnerability vs. burden to trade

<https://www.ccamlr.org/en/compliance/catch-documentation-scheme>





# Overview of relevant conservation measures

CM 10-02 – Licensing

CM 10-03 – Vessel Port Inspections

CM 10-04 – VMS

**CM 10-05 – Catch Documentation Scheme (CDS)**

CM 10-06 – Contracting Party IUU fishing

CM 10-07 – Non-contracting Party IUU fishing

CM 10-08 – Control of Nationals

CM 10-09 – Transshipment

CM 24-01 – Prohibition of gillnets





## CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus* spp.

- Tracks toothfish from the point of landing throughout the trade cycle
- The CDS is intended to establish the origin of all **Toothfish** caught
- Implemented by Conservation Measure 10-05 and its annexes
- Supported by an electronic CDS (e-CDS)
- Each participating State nominates CDS officers who manages other e-CDS users in that country

Patagonian toothfish (*Dissostichus eleginoides*)

Antarctic toothfish (*Dissostichus mawsoni*)

Common market or local names: *Bacalao, butterfish, Chilean seabass, merluza negra, snow fish, Antarctic blenny, Antarctic cod and Mawson's toothfish*



# CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus spp.*

- This CM refers to “Each Contracting Party and non-Contracting Party cooperating with CCAMLR by participating in the CDS...” (i.e. Colombia, Mexico, Singapore & Thailand)
- Obligation to take steps to verify the origin of toothfish ...landed in, imported into, or exported or re-exported from its territories and determine whether toothfish harvested in the Convention Area was harvested in a manner consistent with CCAMLR CMs.





# CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus spp.*

- Each landing or transshipment must be accompanied by a Dissostichus Catch Document (DCD)
- Flag States must be satisfied the *Dissostichus spp* was harvested in manner consistent with CCAMLR CMs before issuing a DCD
- Each shipment of toothfish imported into, exported or re-exported from its territory must be accompanied by a Dissostichus export document (DED) or Dissostichus re-export document (DRED)



# CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus spp.*



- DCDs, DEDs and DREDs must be completed in accordance with Annex 10-05/A.
- Obligation to ensure necessary documents are requested and examined to verify the shipment of *Dissostichus* and account for the toothfish identified in the e-CDS system.



# CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus spp.*

Where needed (and where questions arise related to shipments and/or documentation), export States and Flag States are called upon to cooperate with the importing State.

Import, export and/or re-export is prohibited where evidence exists that *Dissostichus spp.* in a shipment was not harvested in accordance with CCAMLR CMs.





# CM 10-05 Catch Documentation Scheme (CDS) for *Dissostichus* spp.

- Annex 10-05/C – explains the procedures regarding cooperation with CCAMLR in the implementation of the CDS by non-Contracting Parties involved in the trade of *Dissostichus* spp.
- Colombia, Mexico, Singapore and Thailand have been welcomed with the appreciation of the Commission as NCP's cooperating with CCAMLR through the CDS.
- CCAMLR is actively seeking cooperation through CDS to nations identified as trading in toothfish including some ASEAN Members. (Formal letters/invitations were issued to five ASEAN Members in 2024)
- Limited access to the CDS for verifying trade(import, export, re-export) documents however can not issue DCDs or allow landings under this status.



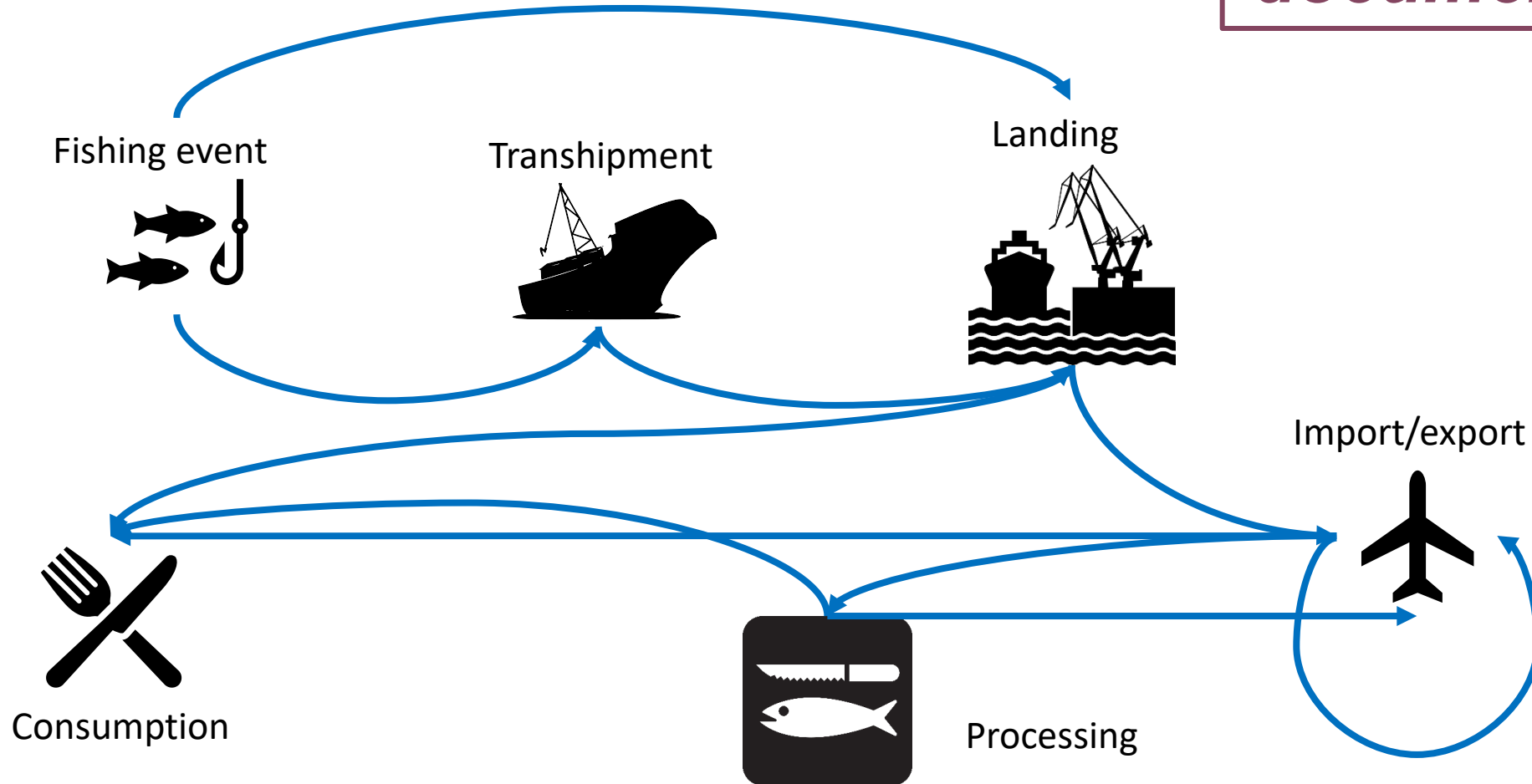
# Overview of CCAMLR's Catch Documentation Scheme (CDS)



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# Catch Documentation Schemes

*What are we documenting?*





# Role of CCAMLR Secretariat



- The e-CDS is centrally managed by the Secretariat
- The Secretariat's role is to assist Contracting Parties and non-Contracting Party cooperating with CCAMLR by participating in the CDS in the interpretation of CM 10-05, where requested
- Industry engagement is directed to the CDS Contact Officers of the relevant party



# Promoting cooperation with NCPs

- To promote cooperation between CCAMLR and non-Contracting Parties (NCPs) in respect of the voluntary implementation of the CDS
- Some SEAFDEC Members have been identified as trading in toothfish over the past three years and were invited to cooperate with CCAMLR through CDS.



# Electronic CDS (e-CDS)

- The CDS is supported by the e-CDS, a web-based application implemented by CCAMLR to create, validate and store CDS documents (DCDs, DEDs and DREDs)
- In the e-CDS, e-CDS users are able to provide required data via a web-based interface, with finely controlled access rights based on the role of the e-CDS user

The screenshot displays the CCAMLR e-CDS web interface. The header includes the CCAMLR logo and 'e-CDS Electronic Catch Documentation System'. The user is logged in as 'Ms. Claire Van Werven' with a 'LOG OUT' button. The main content area is titled 'My Summary' and features a '+ Issue New DCD' button. Below this is a table of 'Items Pending Your Action' with the following data:

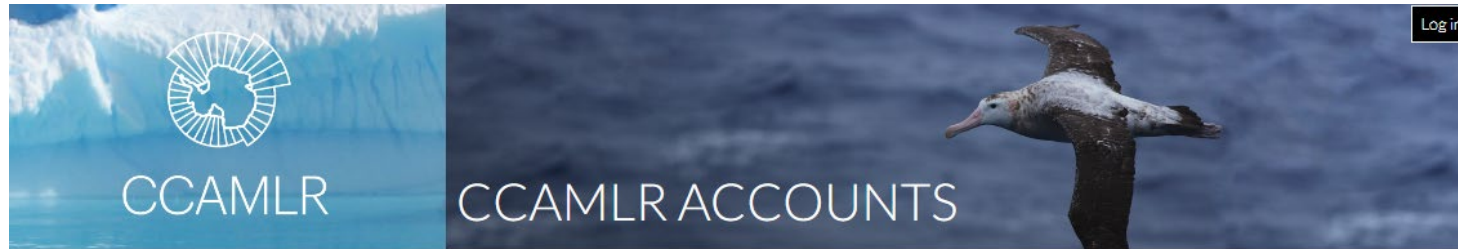
Document Number	Export Code	Step	Created On	Flag State Confirmation Number
CL-24-0165-E	29E3-37CA-AE97	2	19 Apr 2024 - 20:09 UTC	4C72-1038-E351
GB-24-0007-E		8	19 Apr 2024 - 18:01 UTC	
KR-24-0011-E		9	18 Apr 2024 - 05:46 UTC	28D2-04AE-329E
CL-24-0141-E	2738-ED5E-02F5	2	17 Apr 2024 - 20:19 UTC	1933-3FAE-DD8A
FR-24-0004-E	E06C-A371-349C	2	15 Apr 2024 - 11:44 UTC	E07D-3403-9618

A 'See All Items Pending Your Action' button is located at the bottom right of the table.





# Secure



[Home](#)

## Log in

[Log in](#)

[Reset your password](#)

Email or username \*

Enter your email address or username.

Password \*


Enter the password that accompanies your email address.

[Log in](#)



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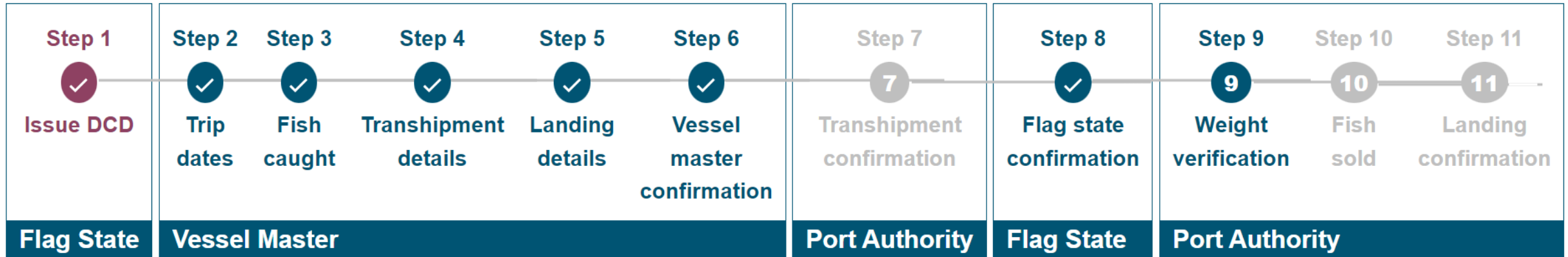
# Secure

Picture	User	Roles	User Status
	Mr Cameron James	CDS Contact Officer e-groups User CDS Export Official CDS Port Official Comm Circs CDS Data Access Commission	Active: Yes Expiry: 15-Dec-2022

# Logical

## DCD PROGRESS

[TOUR](#)



# Auditable



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## Audit log

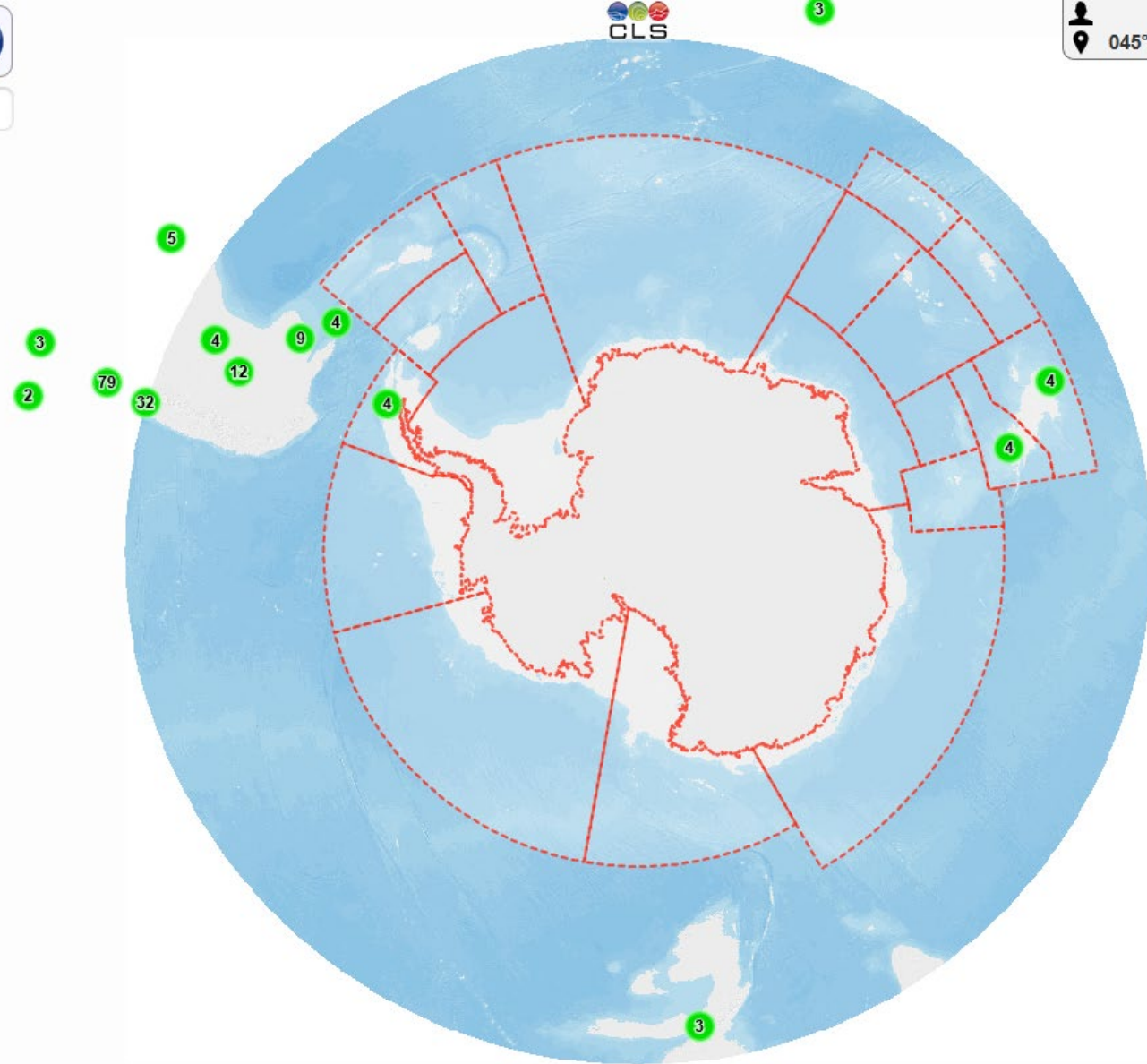
User	Timestamp	Message	View changes
dane	2023-03-28T03:18:44+00:00	DCD created	<a href="#">view diff</a>
dane	2023-03-28T03:19:03+00:00	Trip Dates updated	<a href="#">view diff</a>
dane	2023-03-28T03:19:16+00:00	Fish Caught created	<a href="#">view diff</a>
dane	2023-03-28T03:32:37+00:00	Transshipment created	<a href="#">view diff</a>
dane	2023-03-28T03:33:21+00:00	Landing created	<a href="#">view diff</a>
dane	2023-03-28T03:33:32+00:00	Vessel master confirmation confirmed	<a href="#">view diff</a>
dane	2023-03-28T03:34:05+00:00	Transshipment confirmation confirmed	<a href="#">view diff</a>
dane	2023-03-28T03:34:55+00:00	Flag state confirmation confirmed	<a href="#">view diff</a>
dane	2023-03-28T03:35:11+00:00	Verified weight updated	<a href="#">view diff</a>
dane	2023-03-28T03:36:43+00:00	Fish Sold created	<a href="#">view diff</a>
dane	2023-03-28T03:37:12+00:00	Fish Caught created	<a href="#">view diff</a>
dane	2023-03-28T03:37:29+00:00	Verified weight updated	<a href="#">view diff</a>
dane	2023-03-28T03:37:29+00:00	Verified weight updated	<a href="#">view diff</a>
dane	2023-03-28T03:40:19+00:00	Fish Sold created	<a href="#">view diff</a>
dane	2023-03-28T03:40:33+00:00	Sold Weight Deleted	<a href="#">view diff</a>
dane	2023-03-28T03:43:32+00:00	Landing confirmation confirmed	<a href="#">view diff</a>
dane	2023-03-28T03:43:32+00:00	Landing confirmed	<a href="#">view diff</a>
dane	2023-03-28T03:44:13+00:00	Export created	<a href="#">view diff</a>
dane	2023-03-28T03:45:28+00:00	Export updated	<a href="#">view diff</a>
dane	2023-03-28T03:46:52+00:00	Fish Caught created	<a href="#">view diff</a>
dane	2023-03-28T03:47:10+00:00	Verified weight updated	<a href="#">view diff</a>



# Integrated - VMS



Q Search



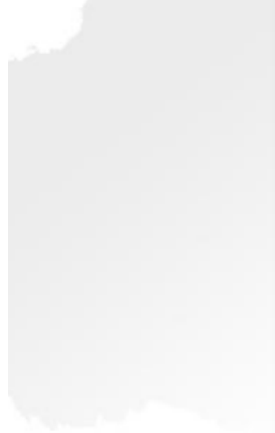
tim / UTC  
045°58'32.53" S, 020°53'41.47" W



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# Integrated – Vessels

Compliance
<input checked="" type="checkbox"/> Fishery notifications
<input checked="" type="checkbox"/> Authorised vessels
Vessel movements
Vessel transhipments
<input checked="" type="checkbox"/> System of Inspection
Vessel Monitoring System (VMS)
<input checked="" type="checkbox"/> Catch Documentation Scheme (CDS)
<input checked="" type="checkbox"/> Illegal, unreported and unregulated (IUU) fishing
Compliance Evaluation Procedure



## Kingstar

[View](#) [Compare With Previous](#)

A- A+ 📄

**Effective Date:** 04 Nov 2021  
**CCAMLR Vessel ID:** 84031  
**Owner:** TNS Industries Inc.  
**Operator:** TNS Industries Inc.  
**Callsign:** 6KCD4  
**Built in Year:** 1989  
**Registration Number:** 1405002-6261100  
**IMO Number:** 8916009  
**Built at Location:** Kanasashi Zosen Shizuoka, Japan  
**Flag:** Korea, Republic of  
**Crew Count:** 42  
**Beam:** 9.00m  
**Gross Tonnage:** 573.00t  
**Length:** 51.01m  
**Engine Power:** 1175.00kW  
**Carrying Capacity:** 430.00t  
**Fish Holds Capacity:** 633.00m3  
**Fish Holds Count:** 3  
**Port of Registry:** Busan  
**External Markings:**

In accordance with the CM 10-01, the vessel's name "KINGSTAR" and IRCS "6KCD4" are marked on her side, port, and deck. White hull and white superstructure.

### VMS Details:

The vessel is fitted with a type (Argos MAR-GE V3 Transmitter system), Inmarsat-C TT-3027M approved Automatic Location Communicator (ALC) under the Fisheries (Satellite Vessel Monitoring) Regulation 1993. The satellite monitoring device is located in a sealed unit and protected with a mechanism to indicate if the unit has been accessed or tampered with.

### Fishing Master:

Sung Kim, Republic of Korea

### Comms Details:

INMARSAT B : 8707 7306 1934

IRIDIUM : 8816 7773 8850

### Other Details:

The vessel is authorised to conduct bottom fishing activities under the Conservation Measure 22-06 by the Ministry of Oceans and Fisheries (MOF), of Korea.

Licensed

### Licensed to fish in areas:

- » Subarea 88.1
- » Subarea 88.2

### Port Photo:



### Starboard Photo:



### Stern Photo:



[View all available images](#)

[History](#) [Licences](#) [Fishing Gear](#)

Effective From	Vessel Name	Callsign	Flag	Owner(s)
04 Nov 2021	<a href="#">Kingstar</a>	6KCD4	Korea, Republic of	TNS Industries Inc.
06 Sep 2021 to 04 Nov 2021	<a href="#">Kingstar</a>	6KCD4	Korea, Republic of	TNS Industries Inc.
27 May 2021 to 06 Sep 2021	<a href="#">Kingstar</a>	6KCD4	Korea, Republic of	



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# Flexible

e-CDS » AU-23-0009-E » Supporting documents

## Supporting documents

**Upload New Document**

---

**Document \***

Choose file No file chosen

One file only.  
32 MB limit.  
Allowed types: pdf doc docx.

**Save**

Document Number: **AU-23-0009-E** >>

**Exports**

**Supporting Documents**

**Generate PDF**

**RELATED DCDS**

AU-23-0004-E





# Support

**CCAMLR Secretariat**  
[CDS@ccamlr.org](mailto:CDS@ccamlr.org)



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# CDS and Compliance Monitoring

- Requirements of [CM 10-05](#): Paragraphs 3, 4, 6 & 7
- Template - Annex 10-05/A
- Issuance of documents after an export
- Compliance report and annual review of NCP cooperation status



# Specially Validated *Dissostichus* Catch Documents (SVDCDs)

- If a CP or NCP cooperating with CCAMLR through the CDS has cause to sell or dispose of seized or confiscated *Dissostichus* spp., it may issue an SVDCD
- Reporting requirements and additional information found in CM 10-05



SPECIALLY VALIDATED <i>DISSOSTICHUS</i> CATCH DOCUMENT						V1.1
Document number:						
1. Issuing authority of document						
Name:	Address:		Telephone:		E-mail:	
2. Fishing Vessel						
Name:	Home port:		Registration number:	Call sign:	IMO/Lloyd's number (if issued):	
3. Licence number (if issued)						
Fishing dates for catch under this document						
4. From:			5. To:			
6. Date of port departure:			7. Date of port entry:			
8. Description of fish (Landed/Transhipped)						9. Description of fish sold Net weight sold (kg)
Species	Type	EEZ	Area caught	Estimated weight to be landed (kg)	Verified weight landed (kg)	
10. Description of fish sold						
Name of recipient:						
Address:		Telephone:		E-mail:		
Reason/s for the sale of seized/confiscated catch recorded on this SVDCD:						
Landing port and country:						Landing date:
11. Certificate of landing: I certify that the above information is complete, true and correct to the best of my knowledge.						
Name:	Authority:			Date:		



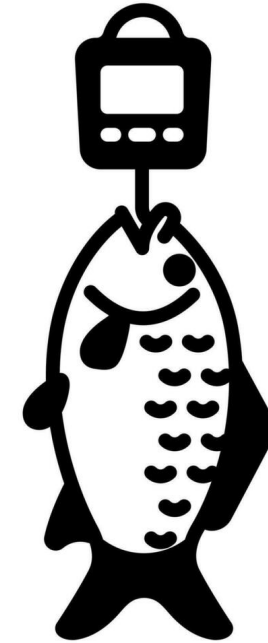
# Analysis of CDS data

- Compliance
- Reconciliations



# CDS and catch data reconciliations

- Annual reviews at vessel level for all fishing effort inside the Convention Area
- DCD is a source of third party verified catch weights
- Compares calculated product weight of the vessel's reported green weight catch against the verified weight from the DCDs
- Proxy to assess accuracy of catch data reporting – reconciliations are flagged for further review when difference is greater than 10% and 200 kg





# Examples of documents which do not comply with CM 10-05

5. Expert Government Authority Validation: I certify that the above information is complete, true and correct to the best of my knowledge.		
Name/Title: [REDACTED]	Government: [REDACTED]	Date: 05.01.2021



# Product types

Species Code	Common Name	Scientific Name
TOA	Antarctic toothfish	<i>Dissostichus mawsoni</i>
TOP	Patagonian toothfish	<i>Dissostichus eleginoides</i>



# Product types

Type Code	Definition
WHO	Whole fish
FLT	Fillet
GAT	Gut, tail removed
GUT	Gut removed
HAG	Head, gut removed
HAT	Head, tail removed
HGT	Head, gut, tail removed
CHK	Cheeks
COL	Collars
TLS	Tails
HDS	Heads
SKN	Skin
PTN	Portions
VSC	Viscera
GON	Gonads
LNS	Loins
NKS	Necks
SMP	Scientific Samples
BON	Bones



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## DISSOSTICHUS EXPORT DOCUMENT

V1.5

Catch Document Num [REDACTED]	Export Code : [REDACTED]
From : [REDACTED]	To : [REDACTED] Fishing Vessel Name : [REDACTED]

**11. Description of Fish Exported :**

Species	Type	Net Weight Exported (Kg)
TOP	HGT	8 546,94
TOP	COLLARS	0,00
TOP	CHEEKS	0,00
TOP	FLT	0,00
TOP	HEADS	0,00

Species : TOP (*Dissostichus eleginoides*)

Type : WHO Whole; HAG Headed and gutted; HAT Headed and tailed; FLT Fillet; HGT Headed, gutted, tailed; OTH Other (specify)

**11a. Transport Details - complete one of the four sections below**

Complete this section if transport method is by SEA : Container number : [REDACTED] Vessel name : [REDACTED] Bill of lading number : [REDACTED]	Complete this section if transport method is by ROAD : Truck registration number : Nationality of truck :
Complete this section if transport method is by AIR : Flight number : Airway bill number :	Complete this section if transport is by RAIL : Railway transport number : Bill of lading number (or other shipment document number to identify shipment):
Complete the following section regardless of the transport method	
Date of issue	Place of issue [REDACTED]

**12. Exporter Certification :**

I certify that the above information is complete, true and correct to the best of my knowledge		
Name : [REDACTED]	Address : [REDACTED]	
Signature :	Date :	Export Licence :





CERTIFICAT DE RÉEXPORTATION DE <i>DISSOSTICHUS</i>			VLS
Numéro du certificat de capture	[REDACTED] 02-E	Code d'exportation :	
De : [REDACTED]	Au : [REDACTED]	Code d'origine de l'exportation :	

1. Description du poisson exporté		
Espèce	Type	Poids net exporté (kg)
TOP	ELT	33,080

2. Informations sur le transport – remplir une des quatre sections ci-dessous	
Remplir cette section si le transport est par MER :	Remplir cette section si le transport est par ROUTE :
Numéro de conteneur : [REDACTED]	Immatriculation du camion :
Nom du navire : [REDACTED]	Nationalité du camion :
Numéro de connaissance : [REDACTED]	
Remplir cette section si le transport est par AIR :	Remplir cette section si le transport est par CHEMIN DE FER :
Numéro de vol :	Numéro du transport ferroviaire :
Numéro de connaissance aérien :	Numéro de connaissance : (ou d'un autre document permettant d'identifier la cargaison)
Remplir la section suivante, quel que soit le mode de transport	
Date de délivrance : 16 July 2019	Port ou lieu de départ : [REDACTED]

3. Déclaration de l'exportateur : J'affirme que les informations ci-dessus sont, à ma connaissance, complètes, authentiques et exactes.	
Nom : [REDACTED]	Adresse : [REDACTED]
Date : [REDACTED]	Permis d'exportation : [REDACTED]

4. Importation		
Nom de l'importateur : [REDACTED]	Adresse de l'importateur : [REDACTED]	
Port ou lieu d'arrivée : [REDACTED]	État/Province : [REDACTED]	Pays : [REDACTED]

5. Validation de l'exportation par l'autorité gouvernementale : J'affirme que les informations ci-dessus sont, à ma connaissance, complètes, authentiques et exactes.	
[REDACTED]	Date : 16 [REDACTED]



# CCAMLR's electronic Catch Documentation Scheme (e-CDS) – A Closer Look



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# Electronic CDS (e-CDS)

- The CDS is supported by the e-CDS, a web-based application implemented by CCAMLR to create, validate and store CDS documents (DCDs, DEDs and DREDs)
- In the e-CDS, e-CDS users are able to provide required data via a web-based interface, with finely controlled access rights based on the role of the user



The screenshot displays the CCAMLR e-CDS web interface. The header includes the CCAMLR logo and 'e-CDS Electronic Catch Documentation System'. The user is logged in as 'Ms. Claire Van Werven' with a 'CERRAR SESIÓN' button. The main content area is titled 'Información Usuario' and features a '+ Emitir nuevo DCD' button. Below this, a section titled 'Documentos pendientes de completar' contains a table with the following data:

Número de documento	Código de exportación	Paso	Creado	No. de confirmación del Estado del pabellón:
GB-23-0015-E	DB52-2F14-A555	4	Mar, 30/Jul/2024 - 03:10 UTC	3A92-CADF-C904
KR-23-0025-E	7038-C21D-E362	2	Jue, 25/Jul/2024 - 05:57 UTC	97FE-FF18-3233
CL-24-0158-E	091B-7EC6-73DE	2	Mar, 23/Jul/2024 - 13:41 UTC	93C9-B64E-D5B6
FR-24-0019-E	9730-07F8-C6B9	2	Mar, 23/Jul/2024 - 10:34 UTC	AC13-54C9-6DD4
FR-24-0019-E	CB90-278F-1388	2	Mar, 23/Jul/2024 - 10:33 UTC	AC13-54C9-6DD4

A button at the bottom right of the table area reads 'Ver todos los documentos pendientes de completar'.



# <https://ecds.ccamlr.org>



ecds ccamlr



[All](#) [News](#) [Images](#) [Videos](#) [Maps](#) [More](#)

[Tools](#)

About 27,900 results (0.46 seconds)

<https://ecds.ccamlr.org>

## CCAMLR Accounts: Log in

An external client application is requesting access to your data in this site. Please log in first to authorize the operation.

### Ccamlr

An external client application is requesting access to your data ...

### CCAMLR Accounts

An external client application is requesting access to your data ...

### Log in

An external client application is requesting access to your data ...

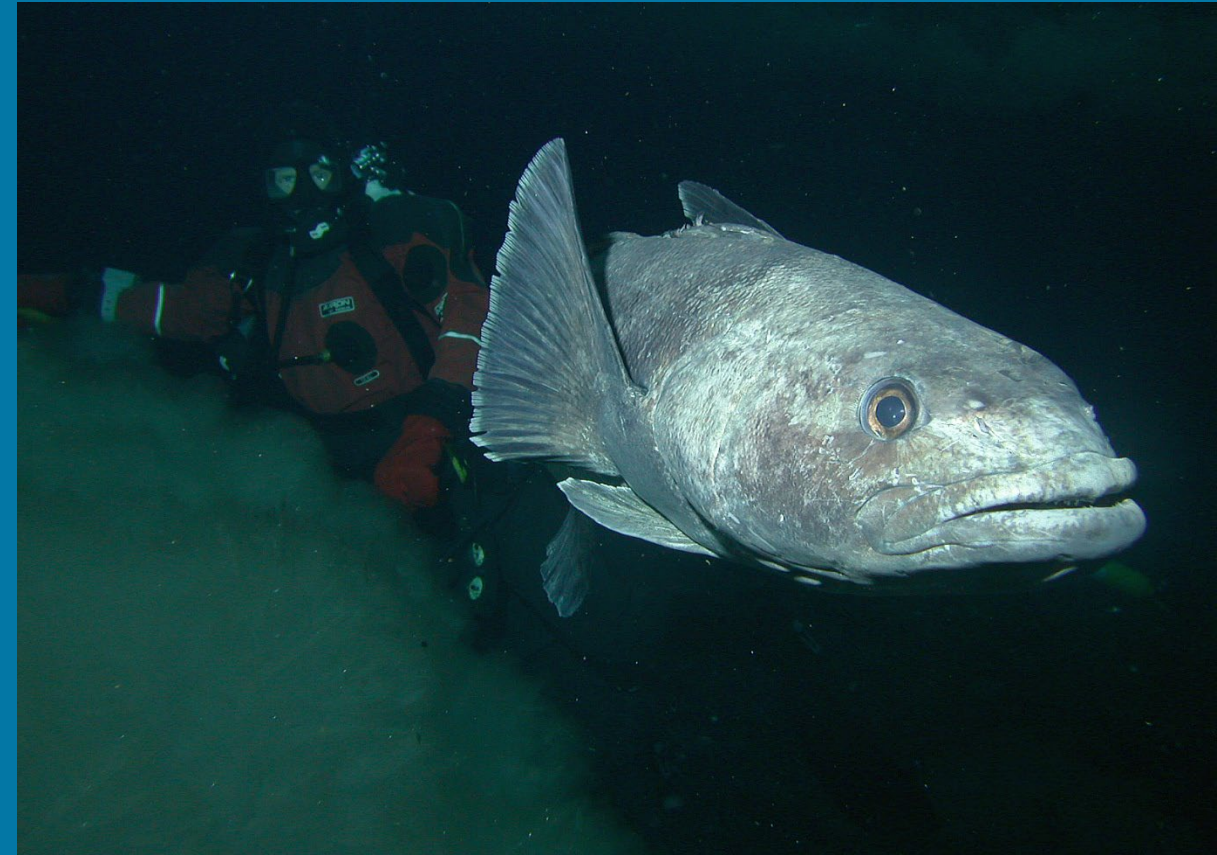
[More results from ccamlr.org »](#)



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# User Management



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# e-CDS users

Picture	User	Roles	User Status
	Mr Cameron James	CDS Contact Officer e-groups User CDS Export Official CDS Port Official Comm Circs CDS Data Access Commission	Active: Yes Expiry: 15-Dec-2022



# e-CDS users

## CDS Contact Officer

### User Management:

- A CDS Contact Officer is a person appointed in accordance with CM 10-05 by a Contracting Party or an NCP cooperating with CCAMLR by participating in the CDS
- The CDS Contact Officer role can be assigned to users by the CCAMLR Secretariat through the CCAMLR website



# e-CDS users

## Flag Official

### User Management:

- The role of Flag Official can be assigned by a CDS Contact Officer of a user's party. This is done by assigning users to the relevant contact list through the CCAMLR website

### User Overview:

- Flag Officials can issue new DCDs on behalf of their party's Flag State Issuing Authority
- A Flag Official can complete steps 1 to 8 for DCDs issued by issuing authorities of their own party





# e-CDS users

## Port Official

### User Management:

- The role of Port Official can be assigned by a CDS Contact Officer of a user's party. This is done by assigning users to the relevant contact list through the CCAMLR website

### User Overview:

- A Port Official can complete steps 9 to 11 for DCDs where the landing port was a port of their own party



# e-CDS users

## Export Official

### User Management:

- The role of Export Official can be assigned by a CDS Contact Officer of a user's party. This is done by assigning users to the relevant contact list through the CCAMLR website

### User Overview:

- An Export Official can create, complete and view steps 1 to 4 for a DED for any DCD where the landing port was a port of the same party as the Export Official's party
- An Export Official can create complete and view steps 1 to 4 for a DRED for any DED where the port of arrival is a port of the same party as the Export Official's party



# e-CDS users

## CDS Data Access

### User Management:


- The role of CDS Data Access can be assigned by a CDS Contact Officer of a user's party. This is done by assigning users to the relevant contact list through the CCAMLR website

### User Overview:

- A user with CDS Data Access can read CDS data but not contribute to any documentation



# e-CDS Features



Electronic Catch Documentation System

My Summary [+ Issue New DCD](#)

Good Afternoon  
Ms. Claire Van Werven EN [LOG OUT](#)

[My Summary](#)

[My Catches](#)

[My Imports](#)

[My Exports](#)

[SVDCDs](#)

[Reports and Statistics](#)

[Search Documents](#)

[CDS Contact Officers](#)

[Manage CDS Issuing Authorities](#)

### Items Pending Your Action

Document Number	Export Code	Step	Created On	Flag State Confirmation Number
CL-24-0165-E	29E3-37CA-AE97	2	19 Apr 2024 - 20:09 UTC	4C72-1038-E351
GB-24-0007-E		8	19 Apr 2024 - 18:01 UTC	
KR-24-0011-E		9	18 Apr 2024 - 05:46 UTC	28D2-04AE-329E
CL-24-0141-E	2738-ED5E-02F5	2	17 Apr 2024 - 20:19 UTC	1933-3FAE-DD8A
FR-24-0004-E	E06C-A371-349C	2	15 Apr 2024 - 11:44 UTC	E07D-3403-9618

[See All Items Pending Your Action](#)





# Announcements

- Provides users with updates relevant to the e-CDS
- Blue banner disappears after the specified expiry date
- Secretariat access required to create announcements
- Translation functionality

A dark blue rectangular banner with a white megaphone icon on the left and the word "Announcements" in white text on the right.

 **Announcements**

My Summary


+ Issue New DCD

Good Morning

Ms. Claire Van Werven

EN

LOG OUT

 Phase 2 of the e-CDS upgrade has been deployed [Click here to learn more.](#)



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# Notifications

- Provides notification to users where review/action on their side may be required
- Sent to user's listed email address



CCAMLR e-CDS  
Electronic Catch Documentation System

- My Summary
- My Catches
- My Imports
- My Exports
- Reports and Statistics
- Search Documents
- CDS Contact Officers
- Announcements
- Notifications**
- Settings

## Notifications

DCD Number	Export Code	Step	Notified Date	Flag state confirmation number
US-23-0002-E		8	18 Jul 2023 - 04:38 UTC	
US-23-0001-E		4	06 Jul 2023 - 22:09 UTC	
US-23-0001-E		11	06 Jul 2023 - 21:50 UTC	
CL-23-0364-E		4	02 Jul 2023 - 21:23 UTC	



# Notifications

Users will receive notifications for the following instances, where applicable and enabled in user settings:

- **Port of Transshipment**: The DCD has declared that a transshipment has occurred at one of your ports
- **Port of Landing**: The DCD has declared that a landing has occurred at one of your ports
- **Flag State Confirmation due**: DCD is awaiting Flag State Confirmation
- **Landing confirmation completed**: Landing confirmation has now been completed by the Port State for DCD and has now been issued
- **Export state confirmation due**: DED/DRED is awaiting Export State Confirmation
- **Import port**: DED/DRED has been issued for an import of toothfish into one of your ports



# Notification settings

## ECDS Notification Settings

Email: [REDACTED]

Subscribe to all notifications

### DCD Notifications

Notify me when:

- my port has been selected as the **Port of Transshipment**
- my port has been selected as the **Port of Landing**
- the **Flag State Confirmation** is ready for completion
- a port state has completed the **Landing Confirmation**

### DED/DRED Notifications

Notify me when:

- (Exports) the **Export State Confirmation** is ready for completion
- (Imports) my port has been selected as the **Import Port** for an incoming toothfish shipment

Save





# Search

- Users can search different fields to refine their results:
  - document code
  - keywords
  - date
  - landing country
  - export country
  - import country

The screenshot shows the CCAMLR e-CDS navigation menu. At the top is the CCAMLR logo and the text "CCAMLR e-CDS Electronic Catch Documentation System". Below this are several menu items: "My Summary", "My Catches", "My Imports", "My Exports", "Reports and Statistics", "Search Documents" (highlighted in a light blue bar), "CDS Contact Officers", "Announcements", "Notifications", and "Settings".

The screenshot shows the "Search Documents" form. It includes input fields for "Document Code" and "Keywords". Below these are checkboxes for "DCD", "DEDs", "DREDs", and "Include Archived". There are also date pickers for "Documents Created After" and "Documents Created Before". At the bottom, there are dropdown menus for "Landing Country", "Export Country", and "Import Country", all set to "- ANY -". A blue "Search" button is located below the form. Below the form is a table with the following data:

Document Number	Export Code	Flag State Confirmation	Vessel
US-23-0002-E		5B4F-3219-0192	Top Oc



# Archiving

- CDS Contact Officers can archive both in-progress and complete documents
- If related documents have the potential to affect the archiving of the requested document, the user will be alerted
- Secretariat can reinstate documents

e-CDS » US-23-0002-E » Archive

## Archive this DCD

Are you sure you want to archive this DCD? You will not have the ability to undo this.

Archived documents can only be reinstated by contacting the Secretariat ([cds@ccamlr.org](mailto:cds@ccamlr.org)).

Back

Yes, Archive this DCD



# Audit log

- Recording creation and changes to documents
- A view of the audit log is available on each step, in addition to a combined audit log for all steps

YOU ARE VIEWING THE AUDIT LOG FOR STEP 5. [CLICK HERE](#) TO SEE ALL CHANGES TO THE DOCUMENT.

e-CDS » CL-23-0364-E

## Changes to DCD (CL-23-0364-E)

User	Timestamp	Message
Rodrigo Esterio Gallardo (Chile)*	30 May 2023 - 07:14 America/Rainy_River	Landing <b>created</b>
Rodrigo Esterio Gallardo (Chile)*	30 May 2023 - 07:16 America/Rainy_River	Landing <b>confirmed</b>
Dane Cavanagh (CCAMLR Secretariat)*	04 Jul 2023 - 17:39 America/Rainy_River	port <b>added</b>
Dane Cavanagh (CCAMLR Secretariat)	04 Jul 2023 - 17:40 America/Rainy_River	Landing <b>updated</b>
Dane Cavanagh (CCAMLR Secretariat)	04 Jul 2023 - 17:40 America/Rainy_River	Landing <b>updated</b>
Dane Cavanagh (CCAMLR Secretariat)	04 Jul 2023 - 17:41 America/Rainy_River	Landing <b>updated</b>
Dane Cavanagh (CCAMLR Secretariat)*	04 Jul 2023 - 17:42 America/Rainy_River	port <b>added</b>
Dane Cavanagh (CCAMLR Secretariat)	04 Jul 2023 - 17:42 America/Rainy_River	Landing <b>updated</b>
Dane Cavanagh (CCAMLR Secretariat)	04 Jul 2023 - 17:42 America/Rainy_River	Landing <b>updated</b>

# Reports and statistics

A summary reports and statistics page provides users with summary information relating to **their Country's** activities:

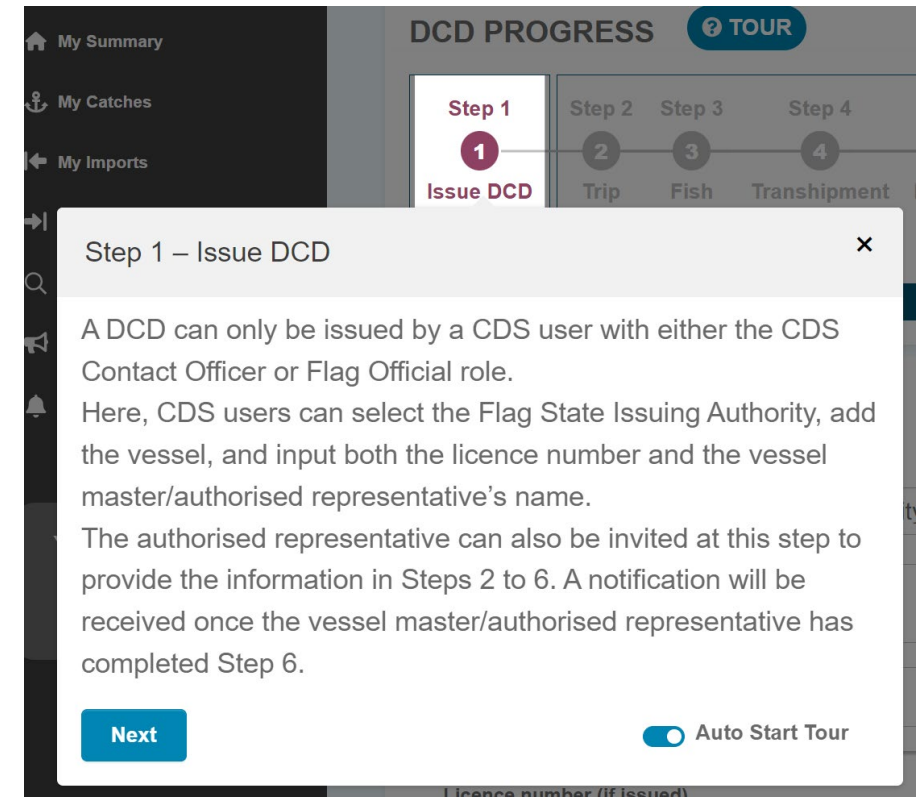
- Landings by vessel
- Landings by area
- DCDs issued
- DED/DREDs issued
- Completed documents
- Landing weights by port
- Imports by port
- Exports by port
- Imports by organisation
- Exports by organisation





# Training Mode

- Practice environment
- All documents will be erased on the first day of the month at 00:00 UTC
- All CDS users will be assigned the CDS Contact Officer role
- Tour option
- [ecds.training.ccamlr.org](https://ecds.training.ccamlr.org)



The screenshot shows a user interface for 'DCD PROGRESS' with a 'TOUR' button. A progress bar indicates four steps: Step 1 (Issue DCD), Step 2 (Trip), Step 3 (Fish), and Step 4 (Transhipment). A modal window titled 'Step 1 – Issue DCD' is open, containing the following text:

A DCD can only be issued by a CDS user with either the CDS Contact Officer or Flag Official role.

Here, CDS users can select the Flag State Issuing Authority, add the vessel, and input both the licence number and the vessel master/authorised representative's name.

The authorised representative can also be invited at this step to provide the information in Steps 2 to 6. A notification will be received once the vessel master/authorised representative has completed Step 6.

At the bottom of the modal, there is a 'Next' button and a toggle switch labeled 'Auto Start Tour' which is currently turned on.

Training Mode: Complete a practice DCD or DED. [Try now](#)



# Help Centre

Location of e-CDS specific resources such as:

- electronic manual
- training mode
- online training resources
- recordings

## e-CDS Help Centre

Introduction

DCDs

DEDs and DREDS

SVDCDs

Support

CDS Contact Officers

Secretariat

Field management

Resources

Good Afternoon  
Ms. Claire Van We

Search

e-CDS » Help Centre » Support

VIEW EDIT

## Support

- A list of CDS Contact Officers filterable by 'party' can be found in the left-hand navigation bar on the e-CDS site (see [here](#)).
- Should any additional assistance be required, please contact your appropriate CDS Contact Officer, or the CCAMLR Secretariat at [cds@ccamlr.org](mailto:cds@ccamlr.org).
- The CDS inbox is monitored between 0900 and 1700 (+10 UTC) Monday to Friday.
- Emails outside these times or on Australian public holidays will be attended to as soon as possible.

Last updated: 23 Apr 2024 - 13:56 Australia/Hobart

Training Mode: Complete a practice DCD or DED. [Try now](#)



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# Support

**CDS Contact Officers**

**CCAMLR Secretariat**

[cds@ccamlr.org](mailto:cds@ccamlr.org)



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# e-CDS and Document Creation



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# CDS documents

## *Dissostichus* Catch Document (DCD)

- Issued by the Flag State of the fishing vessel
- Fish caught verified through VMS data by the Flag State
- Fish landed verified by the Port State where the vessel has landed
- Has a unique Document Number (e.g. EC-17-0010-E) generated by the e-CDS
- Has a unique Flag State Confirmation Number (AO12-ER6R-1249-OCDE) generated by the e-CDS

DOCUMENTO DE CAPTURA DE <i>DISSOSTICHUS</i>						VI.10
Número del documento:		No. de confirmación del Estado del pabellón:				
1. Autoridad emisora del documento						
Dirección:		Teléfono:		Correo electrónico:		
2. Barco de pesca						
Nombre:		Puerto de origen:		No. de matrícula:	Señal de llamada:	Número OMI/Lloyd (de haberse expedido):
3. Número de licencia (de haberse expedido)						
Período de pesca de la captura declarada en este documento						
4. Desde:			5. Hasta:			
6. Fecha de salida del puerto:			7. Fecha de entrada al puerto:			
8. Descripción del pescado (Desembarcado/Transbordado)						9. Descripción del pescado vendido
Especie	Tipo	ZEE	Área donde se extrajo la captura	Peso estimado del desembarque (kg)	Peso comprobado del desembarque (kg)	Peso neto vendido (kg)
10. Descripción del pescado vendido						
Nombre del destinatario:						
Dirección:		Teléfono:		Correo electrónico:		
11. Certificado de desembarque/transbordo: Certifico que la información anterior es completa, verdadera y exacta y que todo <i>Dissostichus</i> spp. extraído en el Área de la Convención fue extraído de conformidad con las medidas de conservación de la CCRVMA.						
Capitán del barco de pesca o representante autorizado (en letra impresa)		Fecha:		Puerto y país, o coordenadas en el mar, del transbordo:	Fecha del transbordo:	
				Puerto y país de desembarque:	Fecha de desembarque:	
12A1. Certificado de transbordo y posterior desembarque: Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.						
Capitán del barco receptor:		Nombre del barco:		Señal de llamada:	Número OMI/Lloyd:	
		Puerto y país previstos del desembarque:		Fecha prevista del desembarque:		
12B1. Transbordo en zona portuaria: (refrendada de la autoridad portuaria, si corresponde)						
Nombre:		Autoridad:			Fecha:	
13. Certificado de desembarque: Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.						
Nombre:		Autoridad:			Fecha:	

# *Dissostichus* Catch Document

Step 1 – Flag State

Vessel name & Master

Industry invite

Steps 2 to 6 – Vessel Master

Trip dates

Fish caught

Transshipment details

Landing details

Vessel master confirmation

Step 7 – Transshipment

Port Authority Confirmation

Step 8 – Flag State

Flag State Confirmation

Steps 9 to 11 – Port Authority

Weight verification

Fish sold

Landing Confirmation

Generate DCD PDF

# CDS documents

## *Dissostichus* Export Document (DED)

- Issued by the Port State or the Export State
- **Only fish landed and reported on the DCD can be exported on a DED**
- The DED is linked to the DCD through the Document Number
- Has a unique Export Code (PQRS-ER6R-1435-OPCD) generated by the e-CDS

DOCUMENTO DE EXPORTACIÓN DE <i>DISSOSTICHUS</i>			V1.9
Número del documento de captura:		Código de exportación:	
Desde:	Hasta:	Nombre del barco de pesca:	
<b>1. Descripción del pescado exportado</b>			
Especie	Tipo	Peso neto exportado (kg)	
<b>2. Datos del transporte – rellene una de las cuatro secciones siguientes</b>			
Si es por <b>MAR</b> :		Si es por <b>TIERRA</b> :	
Número del contenedor:		No. de matrícula camión:	
Nombre del barco:		País emisor de la matrícula del camión:	
Número del conocimiento de embarque:			
Si es por <b>AVIÓN</b> :		Si es por <b>FERROCARRIL</b> :	
Número de vuelo:		Número de transporte ferroviario:	
Número de la carta de transporte aéreo:		Número del conocimiento de embarque: (o de otro documento de embarque que identifique el cargamento)	
La sección siguiente debe ser rellena para cualquier tipo de transporte			
Fecha de exportación prevista:		Puerto o lugar de salida:	
<b>3. Declaración del exportador:</b> Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.			
Nombre:		Dirección:	
		Fecha:	Licencia de exportación:
<b>4. Importación</b>			
Nombre del importador:		Dirección del importador:	
Puerto o lugar de llegada:	Estado/Provincia:	País:	
<b>5. Validación gubernamental de la exportación:</b> Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.			
Nombre/título:		Autoridad gubernamental:	Fecha de emisión:

# *Dissostichus* Export Document

Select DCD

Step 1 – Export Official

Fish Sold Recipient

Exporter

Invite exporter

Step 2 – Exporter

Fish exported

Transport

Exporter

Importer

Step 3 – Exporter

Exporter confirmation

Step 4 – Export Official

Export State confirmation

Step 5 – Export Official

Bill of lading

# CDS documents

## *Dissostichus* Re-Export Document (DRED)

- Issued by the Export State
- **Only fish imported on a DED can be re-exported on a DRED**
- The DRED is linked to the DCD though the Document Number
- The DRED is linked to the DED though the Export Code
- Has a unique Export Code (6028-H561-1PLO-0P1F) generated by the e-CDS

DOCUMENTO DE REEXPORTACIÓN DE <i>DISSOSTICHUS</i>			VI.9
Número del documento de captura:		Código de exportación:	
Desde:	Hasta:	Código de exportación original:	

1. Descripción del pescado exportado		
Especie	Tipo	Peso neto exportado (kg)

2. Datos del transporte – rellene una de las cuatro secciones siguientes	
Si es por MAR: Número del contenedor: Nombre del barco: Número del conocimiento de embarque:	Si es por TIERRA: No. de matrícula camión: País emisor de la matrícula del camión:
Si es por AVIÓN: Número de vuelo: Número de la carta de transporte aéreo:	Si es por FERROCARRIL: Número de transporte ferroviario: Número del conocimiento de embarque: (o de otro documento de embarque que identifique el cargamento)
La sección siguiente debe ser rellena para cualquier tipo de transporte	
Fecha de reexportación prevista:	Puerto o lugar de salida:

3. Declaración del exportador: Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.	
Nombre:	Dirección:
Fecha:	Licencia de exportación:

4. Importación		
Nombre del importador:		Dirección del importador:
Puerto o lugar de llegada:	Estado/Provincia:	País:

5. Validación gubernamental de la exportación: Certifico que a mi leal saber y entender la información anterior es exacta, verdadera y completa.		
Nombre/título:	Autoridad gubernamental:	Fecha de emisión:



# *Dissostichus* Re-export Document

Select DED

Step 1 – Export Official

Fish Sold Recipient

Exporter

Invite exporter

Step 2 – Exporter

Fish exported

Transport

Exporter

Importer

Step 3 – Exporter

Exporter confirmation

Step 4 – Export Official

Export State confirmation

Step 5 – Export Official

Bill of lading

# Global Toothfish Trade



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# Value

## Wholesale Prices – HGT product type

Republic of Korea - US\$30.8

Headed Gutted & Tailed ≈ US\$28-32/kg

## Consumer Prices - Fillet

Australia - 150 grams A\$26.50 ≈ A\$159/kg

USA - 8 ounce US\$36 ≈ US\$158/kg

## Restaurant Prices – Value add fillet

USA – US\$55 – 62

Japan - ¥5200 ≈ US\$35

Singapore – SGD\$69



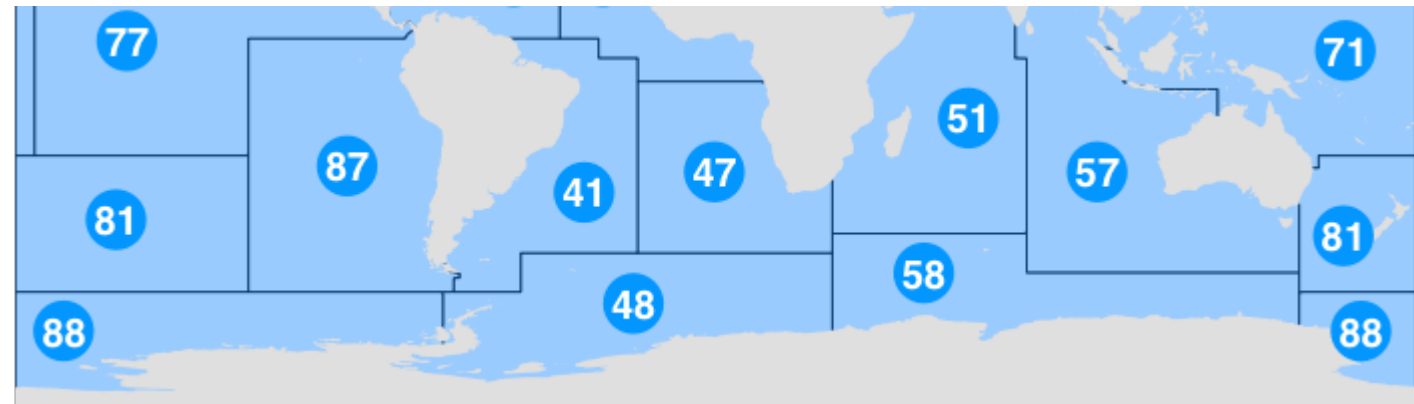


# Harmonised System Codes

HS Code	Description	Global imports (2018)
030283	Fish; fresh or chilled, toothfish ( <i>Dissostichus</i> spp.), excluding fillets, fish meat of 0304, and edible fish offal of subheadings 0302.91 to 0302.99	225 t (1.07%)
030383	Fish; frozen, toothfish ( <i>Dissostichus</i> spp.), excluding fillets, livers, roes, and edible fish offal of subheadings 0303.91 to 0303.99	15 302 t (72.66%)
030446	Fish fillets; fresh or chilled, toothfish ( <i>Dissostichus</i> spp.)	741 t (3.52%)
030455	Fish meat, excluding fillets, whether or not minced; fresh or chilled, toothfish ( <i>Dissostichus</i> spp.)	19 t (0.09%)
030485	Fish fillets; frozen, toothfish ( <i>Dissostichus</i> spp.)	1 648 t (7.83%)
030492	Fish meat, excluding fillets, whether or not minced; frozen, toothfish ( <i>Dissostichus</i> spp.)	3 124 t (14.84%)

# Catch location

	Area	Catch (tonnes)
Outside the Convention area	41	5 858
	47	90
	51	121
	57	90
	81	341
	87	3 559
	<b>Total</b>	<b>10 058</b>
Inside the Convention Area	48	1 496
	58	6 371
	88	3 159
	<b>Total</b>	<b>11 026</b>





# Landing

Country	Count of DCDs	Count of Landings	Verified weight (tonnes)	Percentage of annual total weight (%)
France	29	29	4 358	21
Korea, Republic of	28	-	3 740	18
Chile	816	834	3 375	16
Argentina	20	20	2 711	13
United Kingdom	18	24	2 380	11
Australia	19	4	2 379	11
Spain	29	2	580	3
Ukraine	4	-	504	2
New Zealand	5	7	363	2
Uruguay	6	46	151	1
Peru	112	106	213	1
Japan	4	-	235	1
South Africa	2	6	89	< 1
Ecuador	8	8	5	< 1
Mauritius	-	14	-	-
<b>Total</b>	<b>11 00</b>	<b>11 00</b>	<b>21 084</b>	

# Global Exports

- 1 France includes exports from the overseas territory of St. Barthélemy.
- 2 China includes exports from Hong Kong SAR.
- 3 DREDs issued by the European Union on behalf of Portugal

Country	Count of DEDs	Count of DREDs	Export Quantity (tonnes)	Percent of total quantity (%)
Chile	1 999	-	4 974	23
France <sup>1</sup>	307	28	4 260	20
Argentina	202	-	2 617	12
Uruguay	153	-	2 439	11
United Kingdom	111	2	2 162	10
Mauritius	110	7	1 336	6
Korea, Republic of	-	92	831	4
Australia	29	97	738	3
New Zealand	62	2	668	3
South Africa	30	-	531	2
Singapore	-	37	250	1
Spain	6	173	233	1
United States of America	-	505	186	1
Peru	112	-	170	1
Belgium	-	18	44	<1
China <sup>2</sup>	-	32	42	<1
Netherlands	-	16	22	<1
Canada	-	3	13	< 1
Portugal <sup>3</sup>	-	8	9	<1
Ecuador	9	-	3	<1
<b>Total</b>	<b>3 130</b>	<b>1 020</b>	<b>21 534</b>	

# Global Imports (2023)

1 France includes exports from the overseas territory of St. Barthélemy.

2 China includes exports from Hong Kong SAR.

3 The United Kingdom includes imports to the overseas territories of The Cayman Islands and Bermuda.

Importing Country	Participation in the CDS	Import Quantity (tonnes)	Percent of Total Quantity (%)
United States	✓	10 546	48.98
China <sup>1</sup>	✓	4 418	20.52
South Korea	✓	2 674	12.42
Singapore	✓	1 655	7.68
Japan	✓	405	1.88
Spain	✓	377	1.75
Australia	✓	359	1.67
Thailand	✓	168	0.78
France <sup>2</sup>	✓	158	0.73
United Kingdom <sup>3</sup>	✓	141	0.66
United Arab Emirates	✓	110	0.51
Canada	✓	104	0.48
Netherlands	✓	99	0.46
Vietnam	✗	79	0.37
Malaysia	✗	67	0.31
Belgium	✓	44	0.21
Mauritius	✓	25	0.12
Mexico	✓	25	0.12
India	✓	18	0.09
Philippines	✗	17	0.08
Indonesia	✗	10	0.05
<b>Total</b>		<b>21 544</b>	

# Wrap Up, Discussion and Lessons Learned



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# CCAMLR Fisheries Monitoring and Compliance (FMC) Section

[fmc@ccamlr.org](mailto:fmc@ccamlr.org)

Todd Dubois

FMC Manager

[Todd.Dubois@ccamlr.org](mailto:Todd.Dubois@ccamlr.org)

Alison Potter

Data Administration Officer

[Alison.Potter@ccamlr.org](mailto:Alison.Potter@ccamlr.org)

Eldene O'Shea

Compliance Officer

[Eldene.Oshea@ccamlr.org](mailto:Eldene.Oshea@ccamlr.org)

Claire van Werven

Research, Monitoring and Compliance Analyst

[Claire.vanWerven@ccamlr.org](mailto:Claire.vanWerven@ccamlr.org)

Henrique Anatole Cardoso Ramos

FMC Data Officer

[Henrique.Anatole@ccamlr.org](mailto:Henrique.Anatole@ccamlr.org)



# Thank you!



CCAMLR

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