



DTU Aqua - Cruise report

# Tobisskrabetogt AH - 4Q - 2023

*Trawl Survey*

## ARCTIC Denmark

From 2023-11-21 to 2023-12-09

**DTU Aqua**  
National Institute of Aquatic Resources

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DTU Aqua  
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## Cruise Summary

### General Information

Cruise	Tobisskrabetogt AH
Research Vessel	ARCTIC
Year and Quarter	4Q 2023
Country	Denmark

### Location and Time

	Date	Time
Departure	2023-11-21	00-00
Arrival	2023-12-09	00-00

### Participants

Name	Institute	Function tasks	Leg
<b>Leg 1</b>			
Dirk Cornelis Tijssen	DTU-Aqua	Cruise-leader	1
Kasper Schaltz	DTU-Aqua	Length measurements	1

## Objectives

- To describe the existence of fish in the waters surrounding Denmark based on their occurrence in scientific trawl./ At beskrive udbredelsen af fisk i farvande omring Danmark ved brug af videnskabeligt trawl.
- To collect biological data regarding age, weight and maturity from subsamples of the catch from selected species./ At indsamle biologisk materiale vedr. alder, vægt og modenhed fra stikprøver fra fangsten af udvalgte arter.
- Recording of hydrographic data with CTD./Opsamling af hydrografidata med CTD.

## This Survey

During the cruise, apart from recording a complete set of factual information concerning haul information, gear performance, catch results, hydrographic information etc., the cruise leader keeps a logbook taking notes about circumstances (unusual gear performance, special catches, non-conformities etc. during the survey. The haul summary below is the overview from this logbook.

**Stations**

132 hauls were conducted during the survey. The positions off all hauls are presented in the map in Fig. 1.

**Weather Conditions**

No Remarks on the Weather conditions

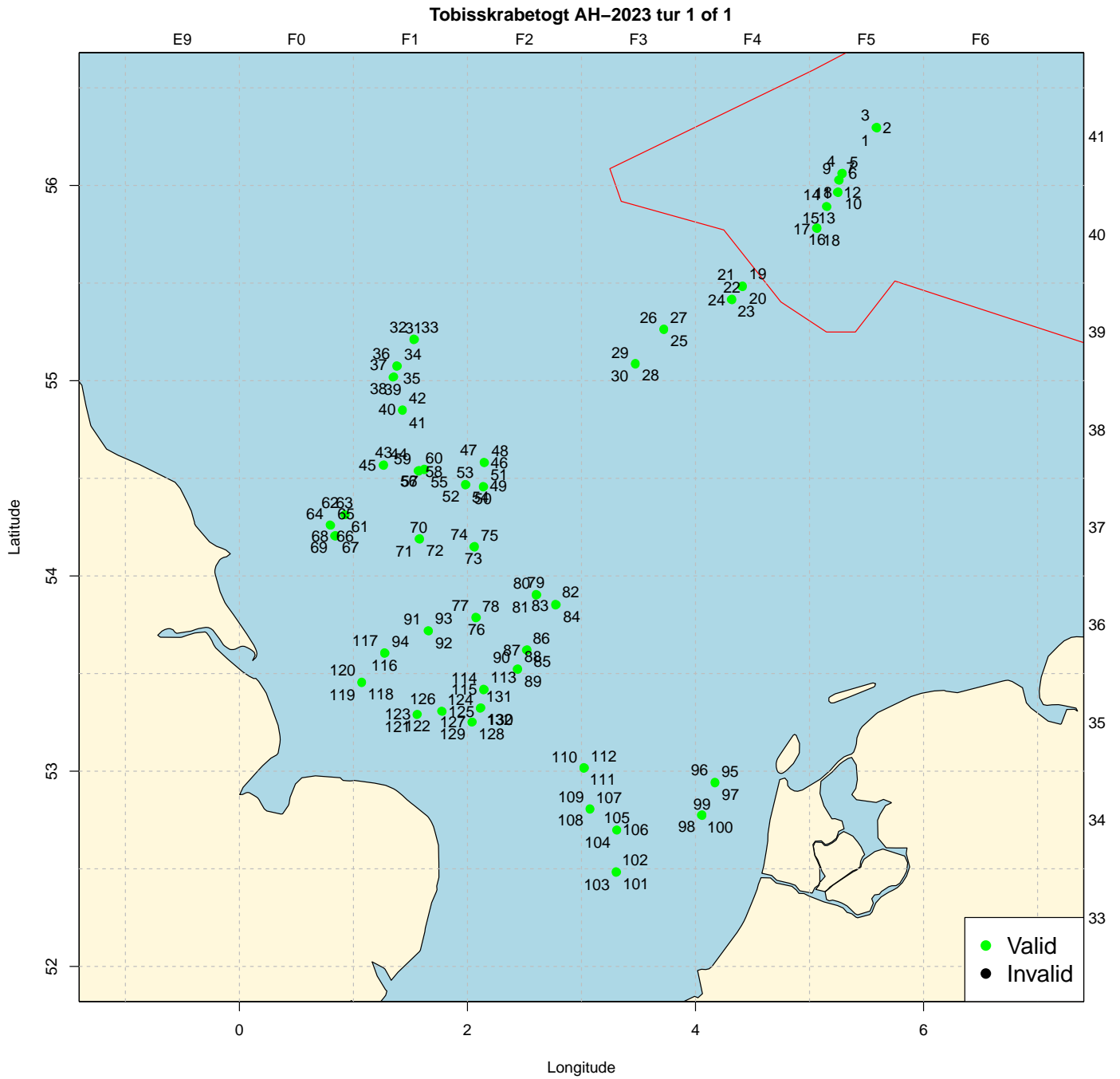
**Gear performance**

No remarks on the Gear performance

**Oxygen Conditions**

No remarks on the Oxygen conditions

# Station Map



Figur 1. Plot af stationer.

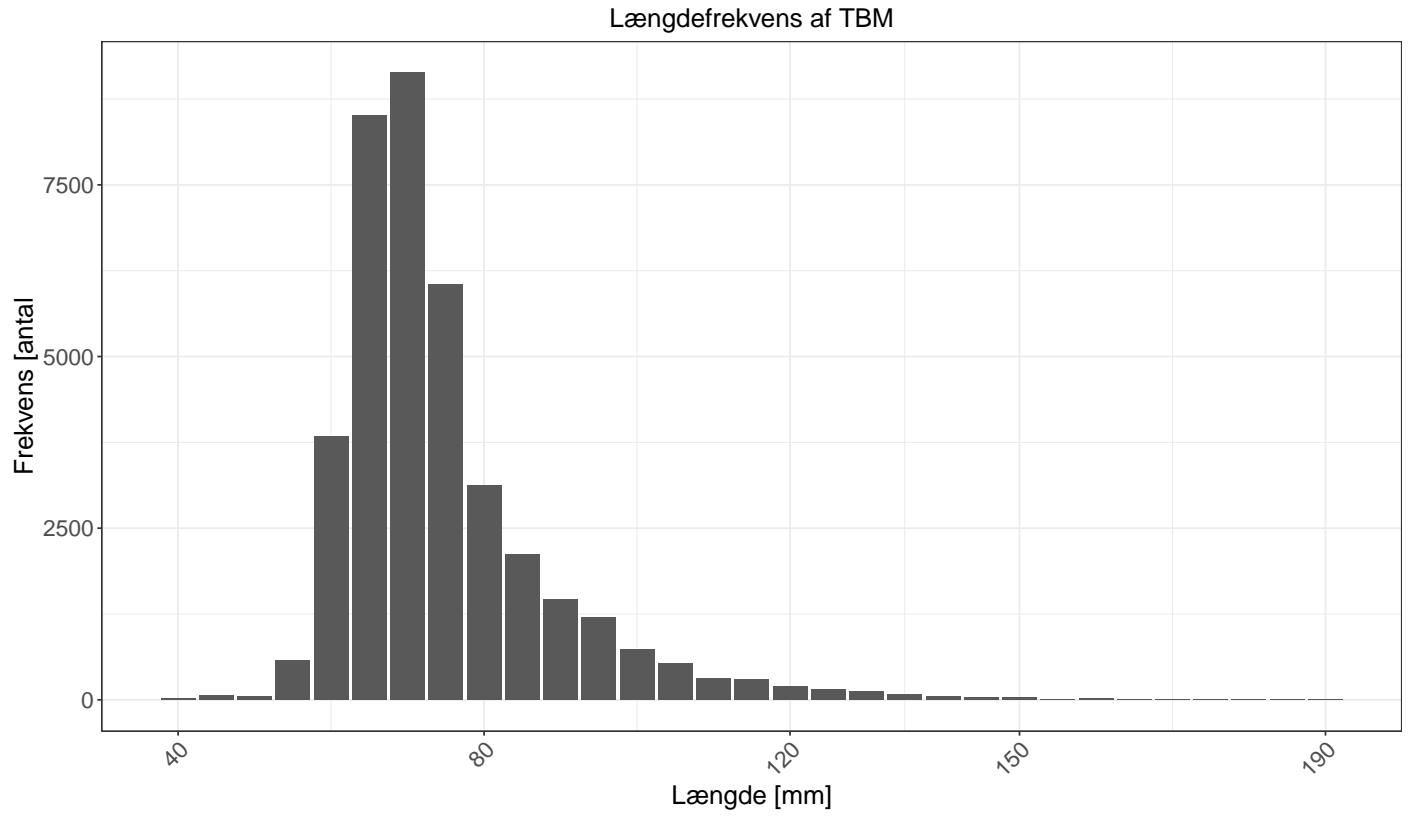
## Catch Overview

Table 2: Sample Overview

	<b>Sub sampled [kg]</b>	<b>Total [kg]</b>	<b>Sub sampled [Nr.]</b>	<b>Total [Nr.]</b>	<b>Individuals collected</b>	<b>Genetics Sampled</b>
Total Catch	17.9	41.7	14435	38863	2094	0
<b>selected species</b>						
BRS	0	0	0	0	0	0
RSP	0	0	0	0	0	0
SIL	0	0	0	0	0	0
TNG	0	0	0	0	0	0
TOR	0	0	0	0	0	0
TBM	17.7	41.4	14330	38758	2094	0

**Length distribution**

**TBM**



## Species Caught

The total catch per species for the while cruise is presented in the table below.

Table 1: Arter fanget på tur 1

Latinsk navn	Dansk navn	Antal	Vægt (kg)
Gymnammodytes semisquamatus	Nøgentobis	77	0.2
Hyperoplus lanceolatus	Plettet tobiskonge	28	0.1
Ammodytes marinus	Havtobis	38758	41.4