

## **Appendix IV**

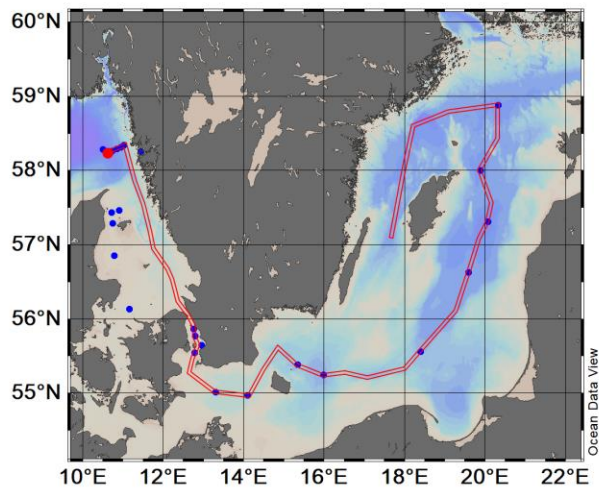
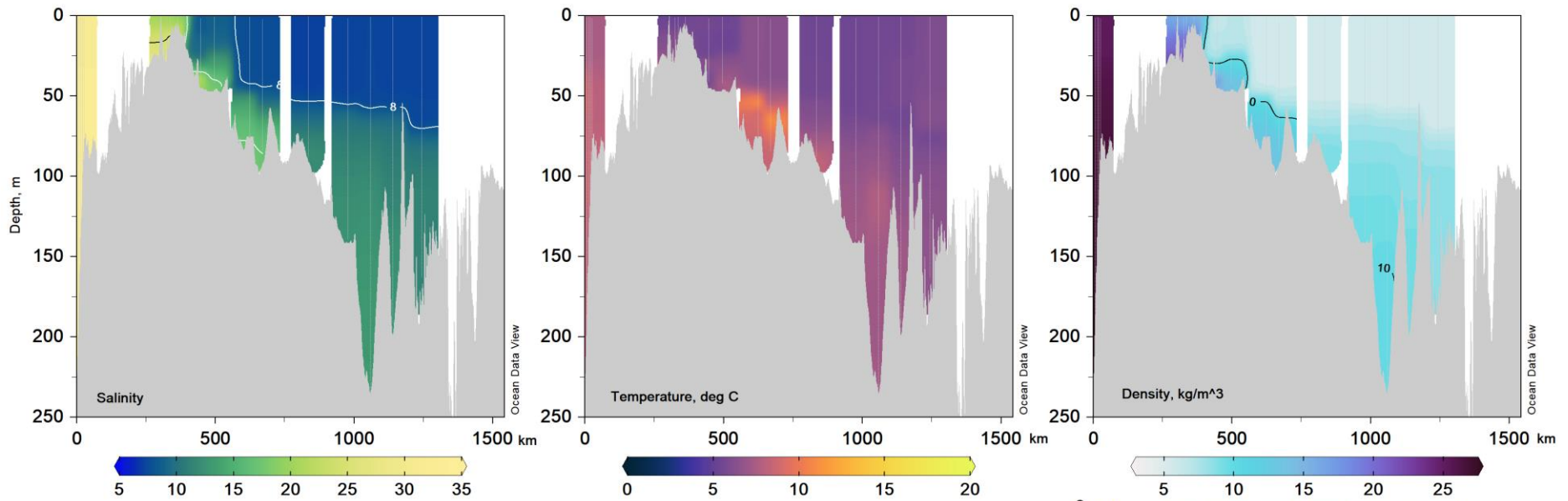
### Transects from the Skagerrak to the Western Gotland basin

Included parameters are salinity, temperature, density and dissolved oxygen from sensors on the CTD. Only data from SMHI cruises are included, data from the other institutes can hopefully be included when a national data host for CTD data is in place.

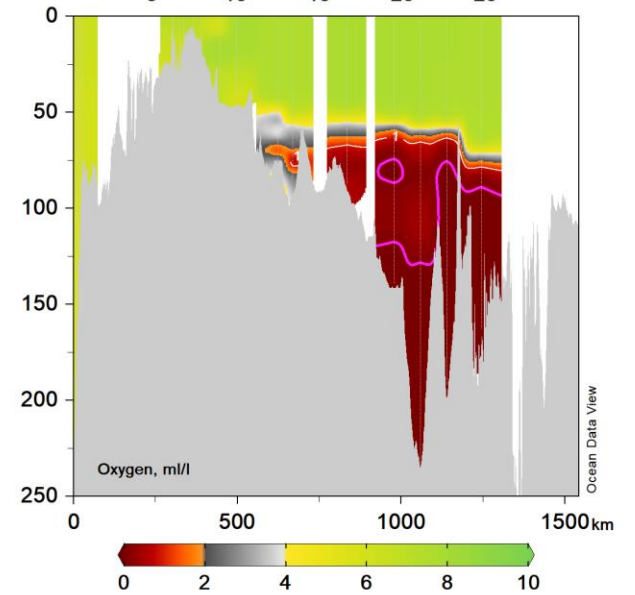
Transects are made with ODV (Schlitzer, R., Ocean Data View, <https://odv.awi.de>, 2020)

# SMHI cruise January 2020.01.07 – 2020.01.11

## CTD section

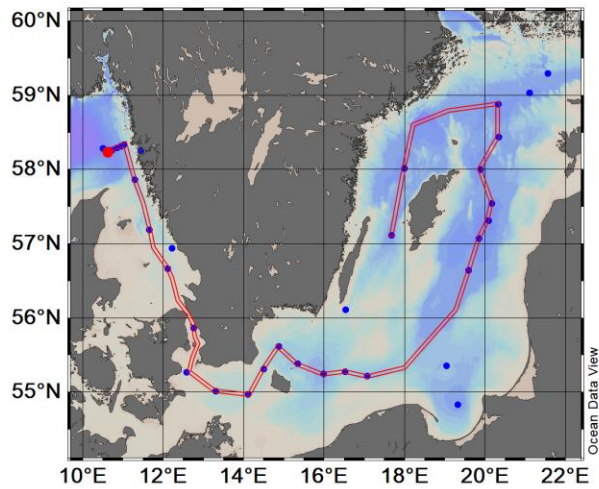
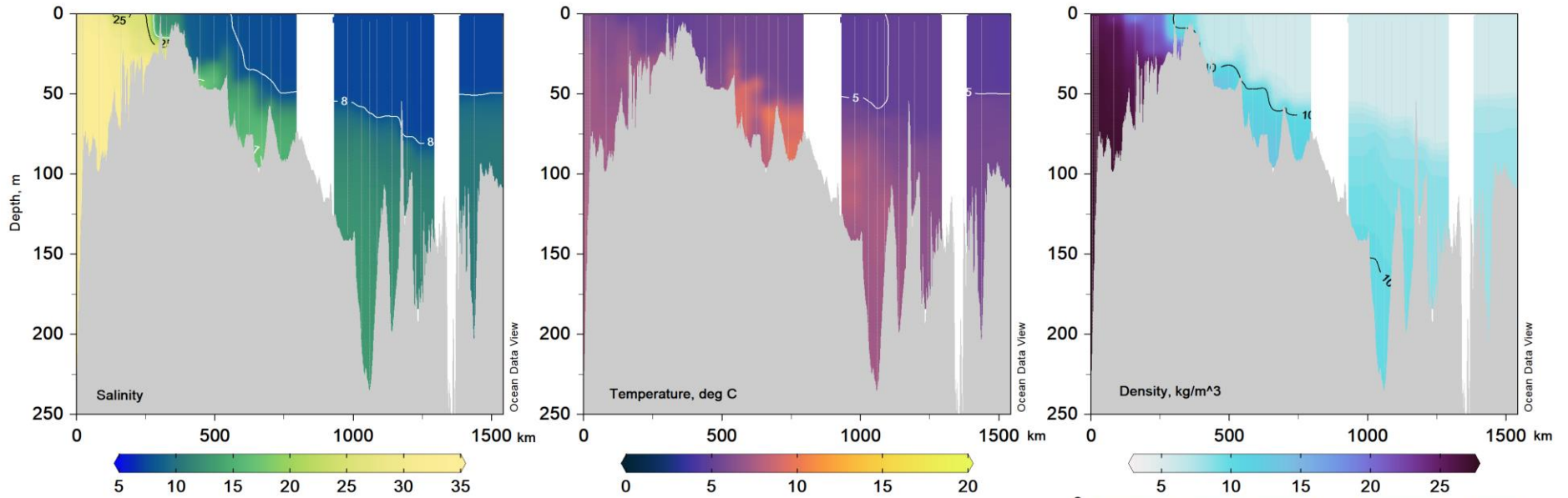


**Isolines**  
 Salinity: 6, 8, 17 (white), 25 (black)  
 Temperature: 5  
 Oxygen: 1 (white), 0.1 (pink)  
 Density: 10  
 Thin vertical lines are stations



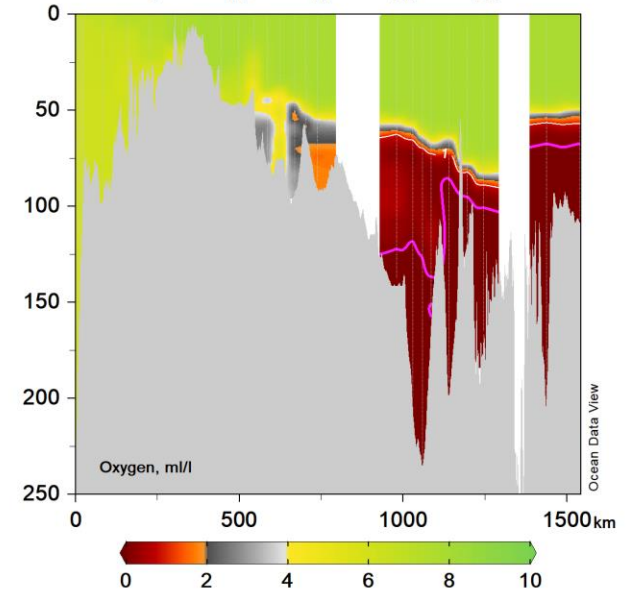
# SMHI cruise February 2020.02.06 – 2020.02.13

## CTD section



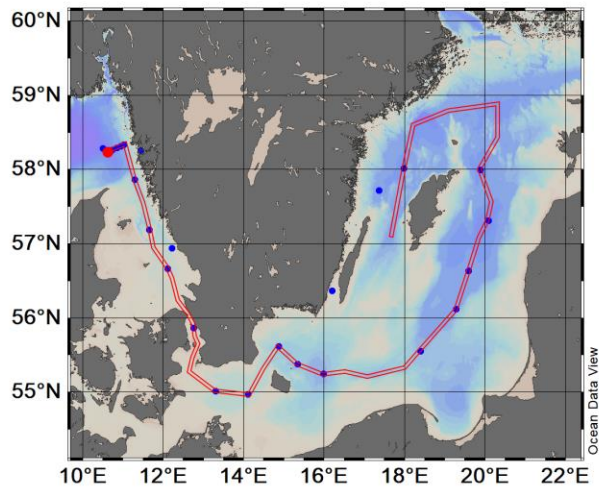
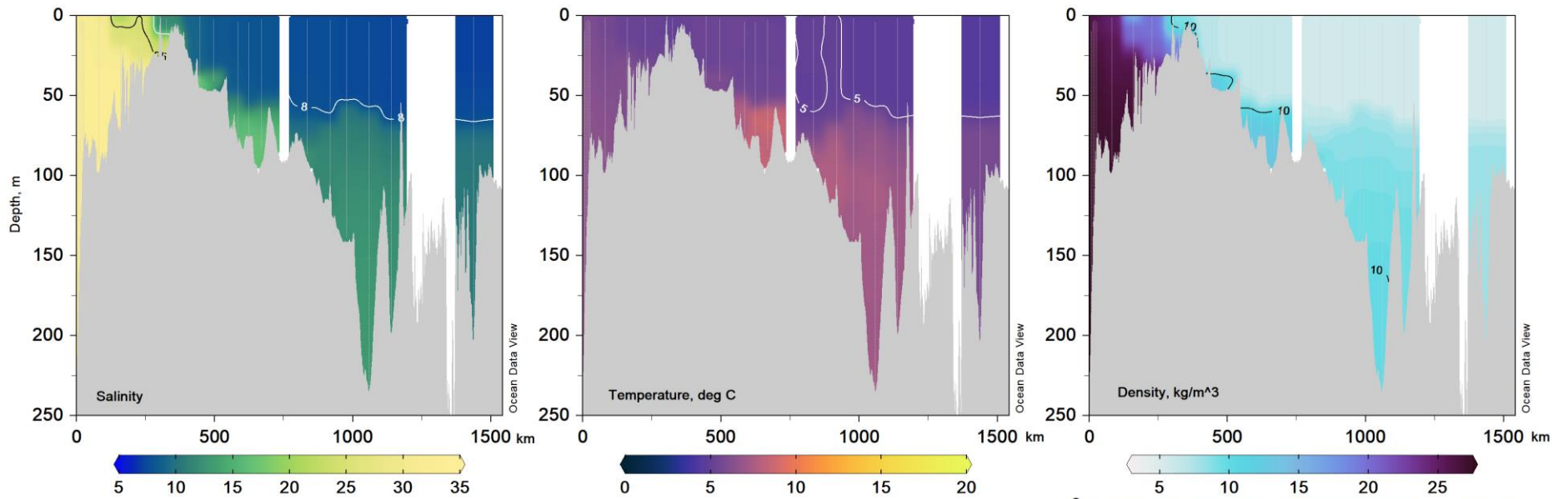
### Isolines

- Salinity: 6, 8, 17 (white), 25 (black)
- Temperature: 5
- Oxygen: 1 (white), 0.1 (pink)
- Density: 10
- Thin vertical lines are stations

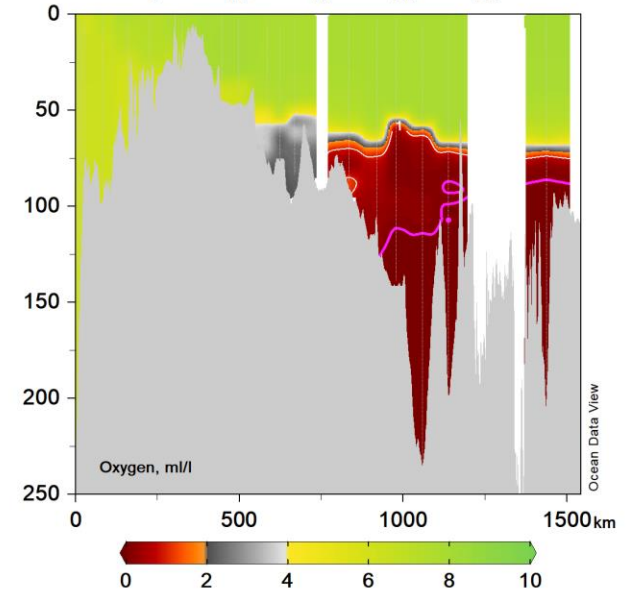


# SMHI cruise March 2020.03.12 – 2020.03.17

## CTD section



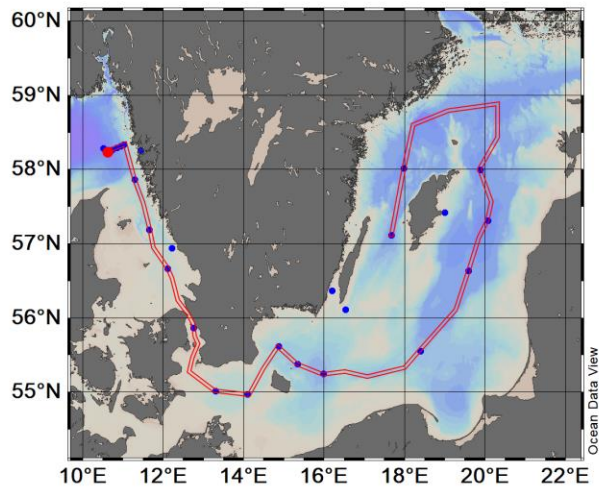
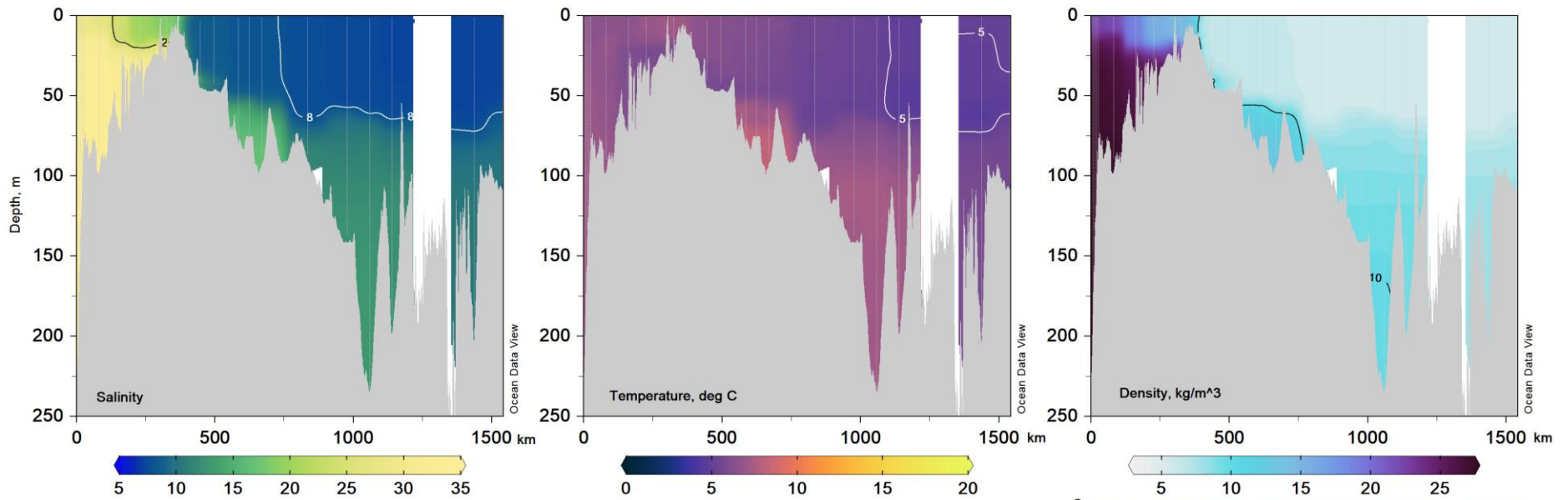
**Isolines**  
 Salinity: 6, 8, 17 (white), 25 (black)  
 Temperature: 5  
 Oxygen: 1 (white), 0.1 (pink)  
 Density: 10  
 Thin vertical lines are stations



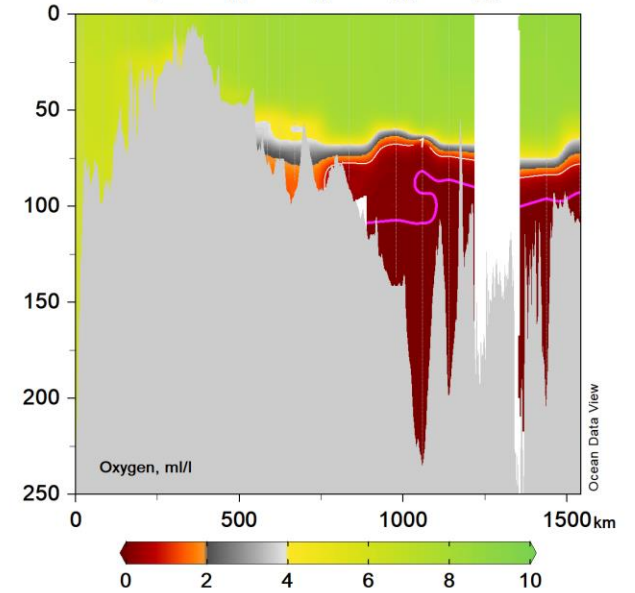


# SMHI cruise April 2020.04.14 – 2020.04.19

## CTD section

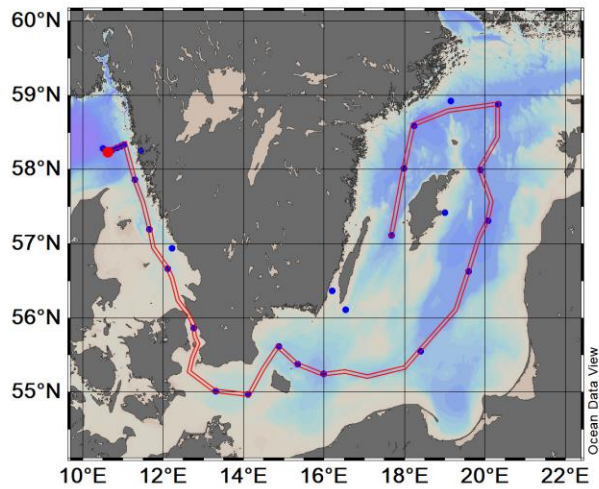
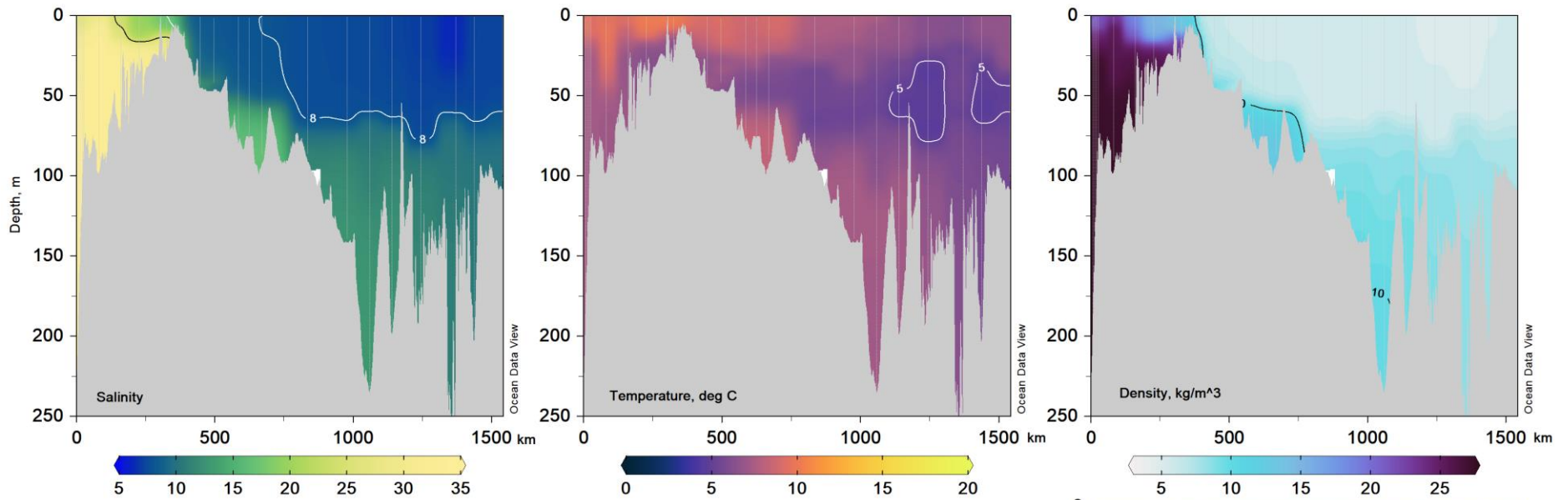


**Isolines**  
Salinity: 6, 8, 17 (white), 25 (black)  
Temperature: 5  
Oxygen: 1 (white), 0.1 (pink)  
Density: 10  
Thin vertical lines are stations



# SMHI cruise May 2020.05.08 – 2020.05.14

## CTD section



### Isolines

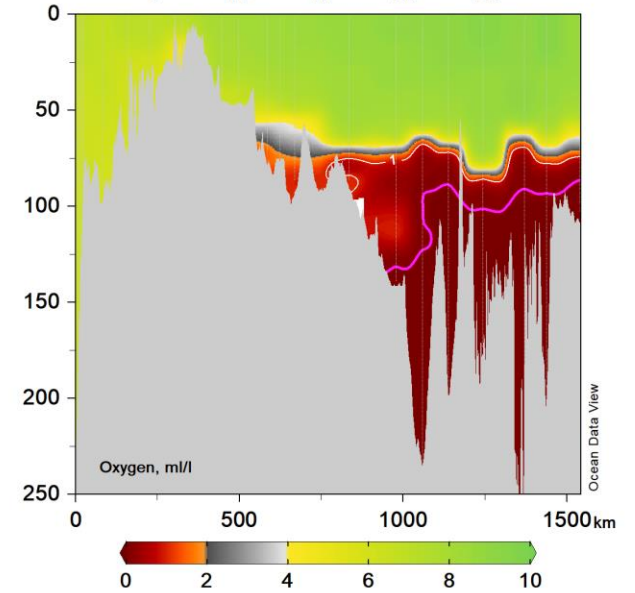
Salinity: 6, 8, 17 (white), 25 (black)

Temperature: 5

Oxygen: 1 (white), 0.1 (pink)

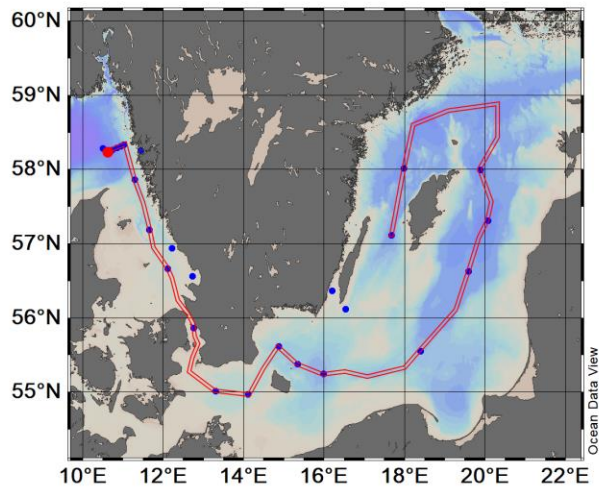
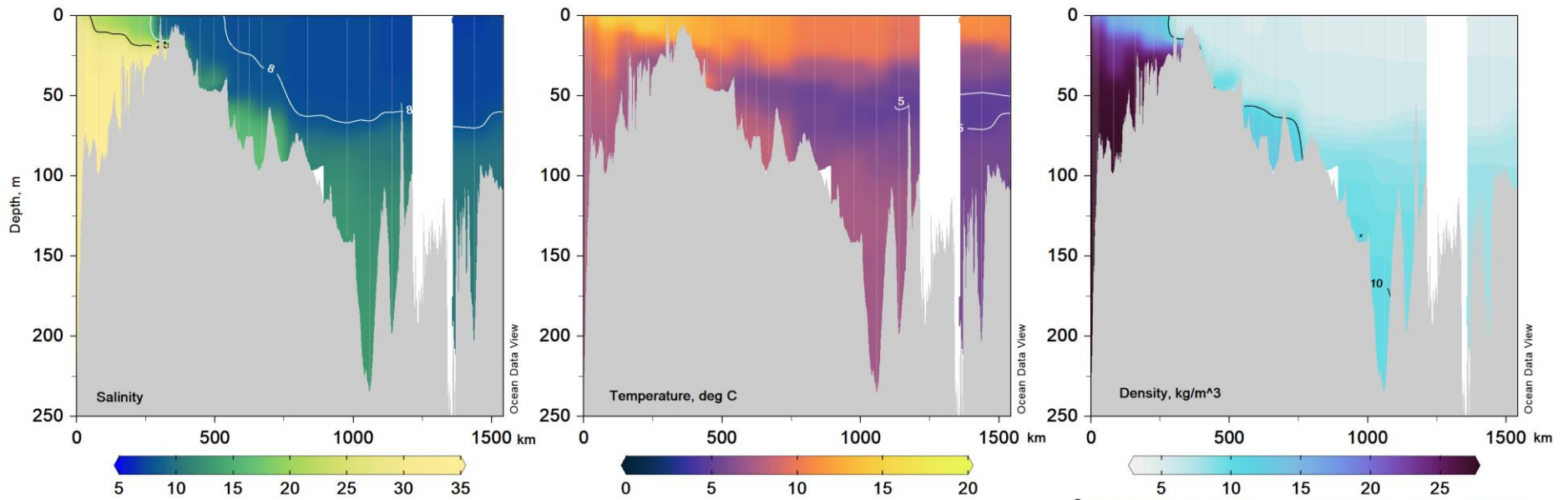
Density: 10

Thin vertical lines are stations



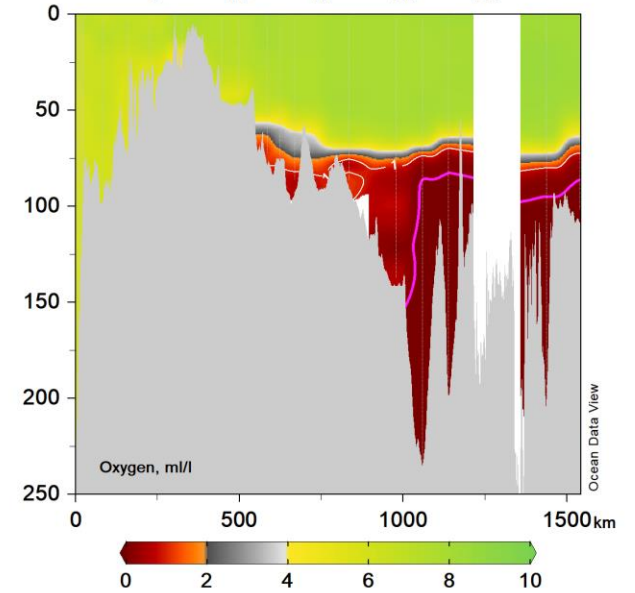
# SMHI cruise June 2020.06.02 – 2020.06.07

## CTD section



### Isolines

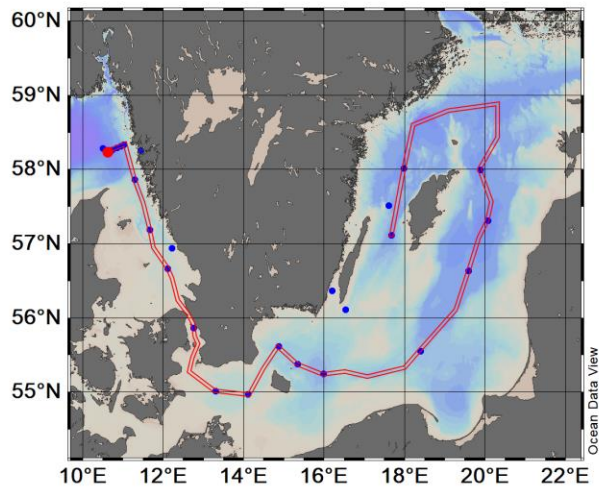
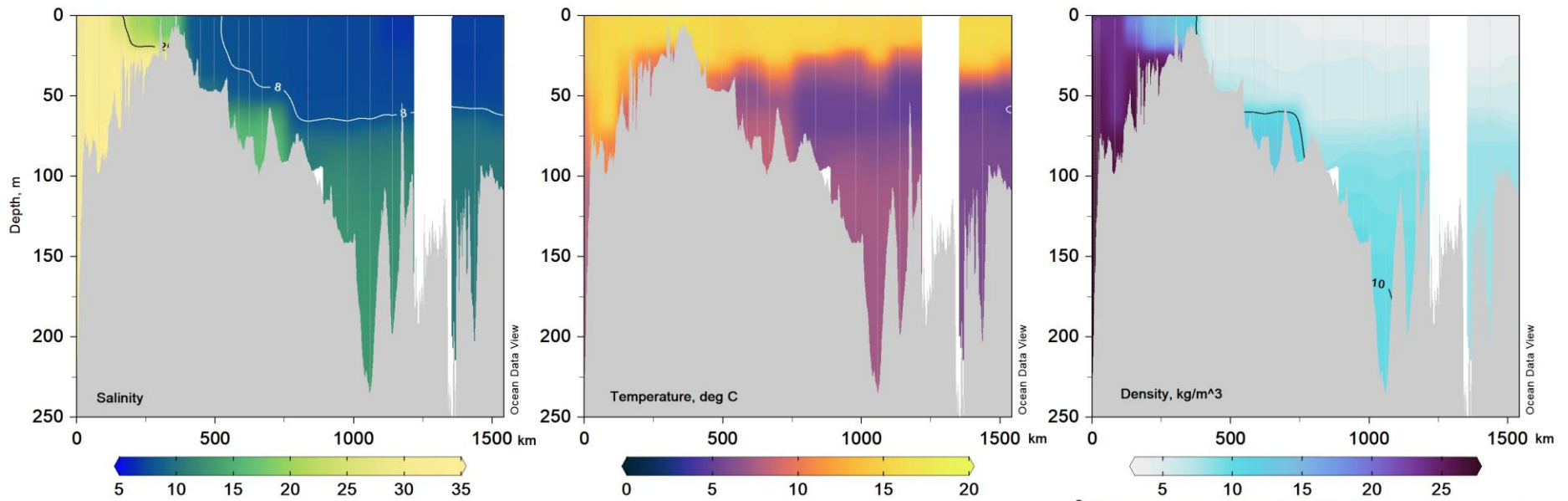
- Salinity: 6, 8, 17 (white), 25 (black)
- Temperature: 5
- Oxygen: 1 (white), 0.1 (pink)
- Density: 10
- Thin vertical lines are stations



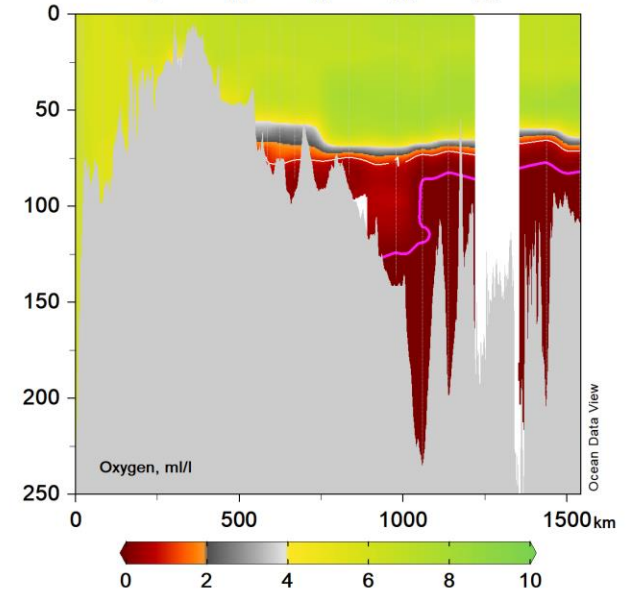


# SMHI cruise July 2020.07.07 – 2020.07.13

## CTD section



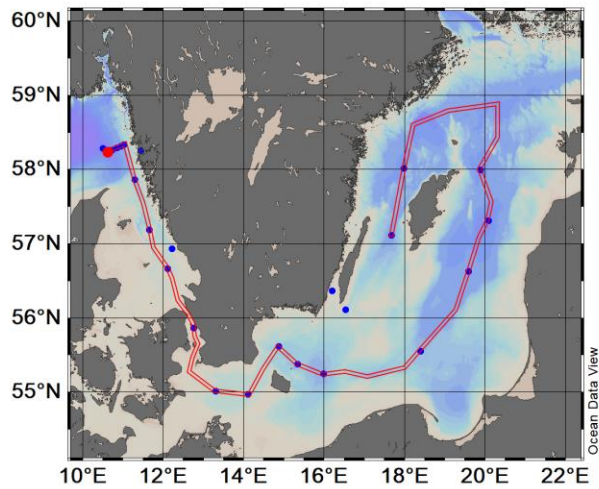
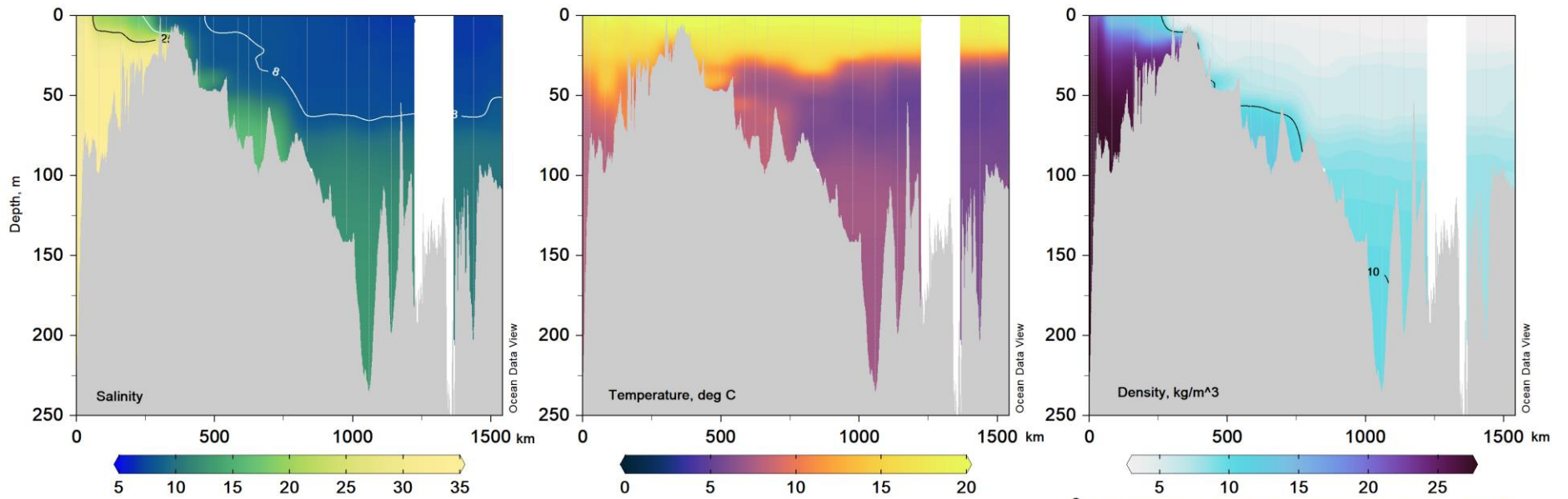
**Isolines**  
 Salinity: 6, 8, 17 (white), 25 (black)  
 Temperature: 5  
 Oxygen: 1 (white), 0.1 (pink)  
 Density: 10  
 Thin vertical lines are stations





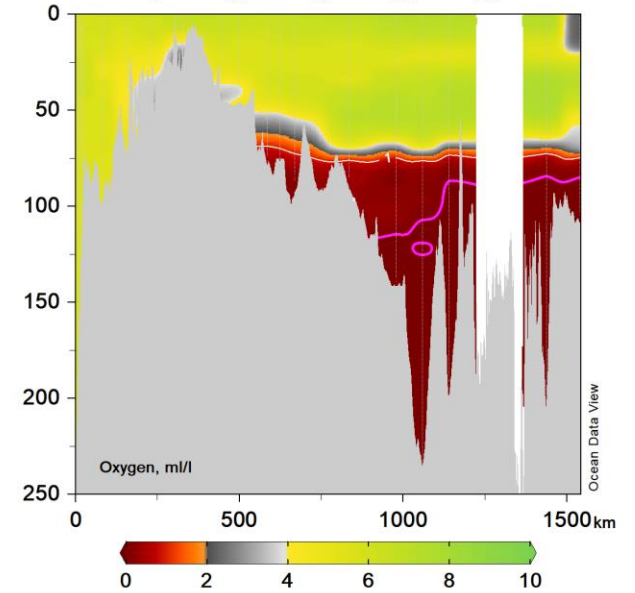
# SMHI cruise August 2020.08.16 – 2020.08.21

## CTD section



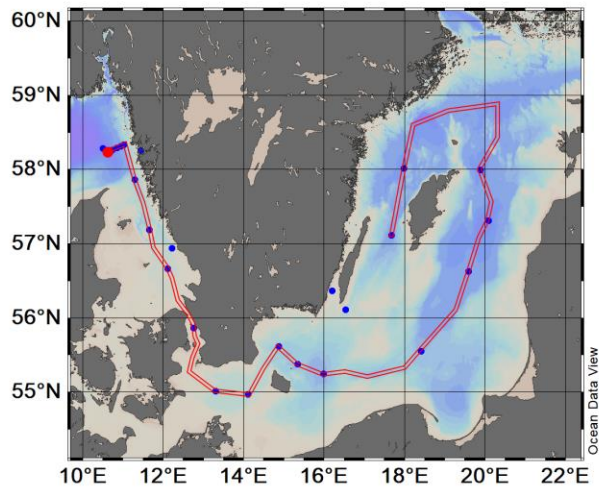
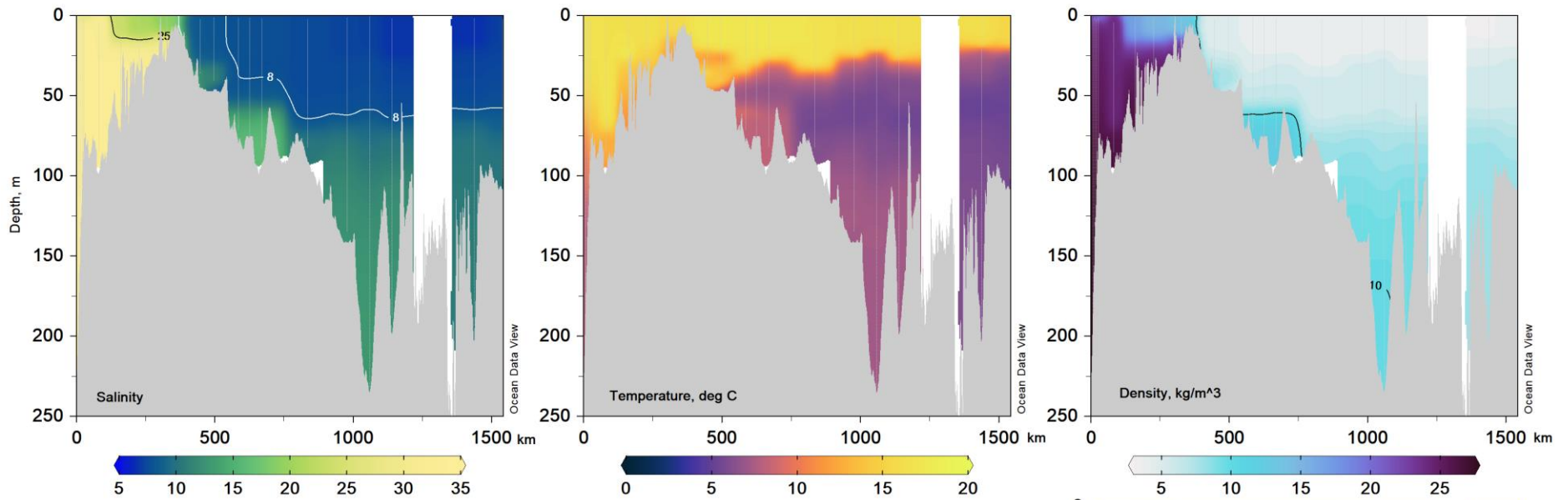
### Isolines

- Salinity: 6, 8, 17 (white), 25 (black)
- Temperature: 5
- Oxygen: 1 (white), 0.1 (pink)
- Density: 10
- Thin vertical lines are stations



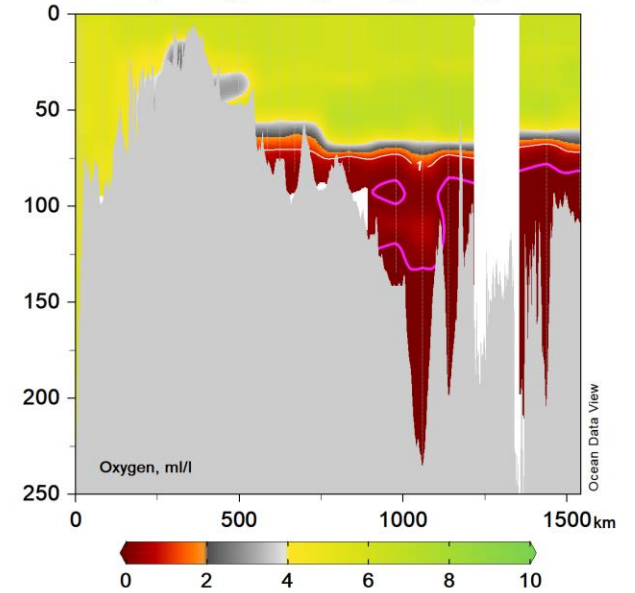
# SMHI cruise September 2020.09.07 – 2020.09.12

## CTD section



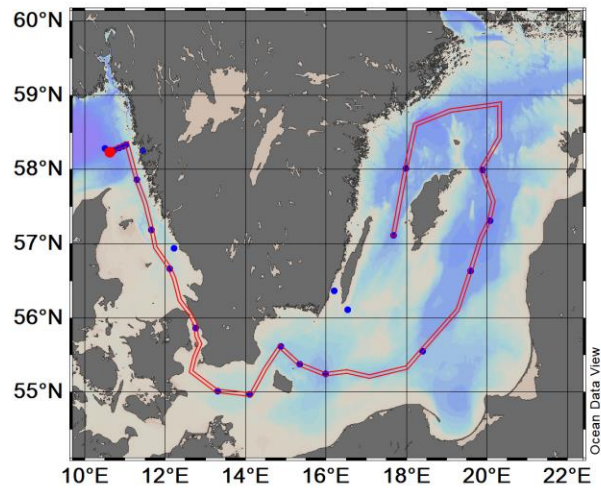
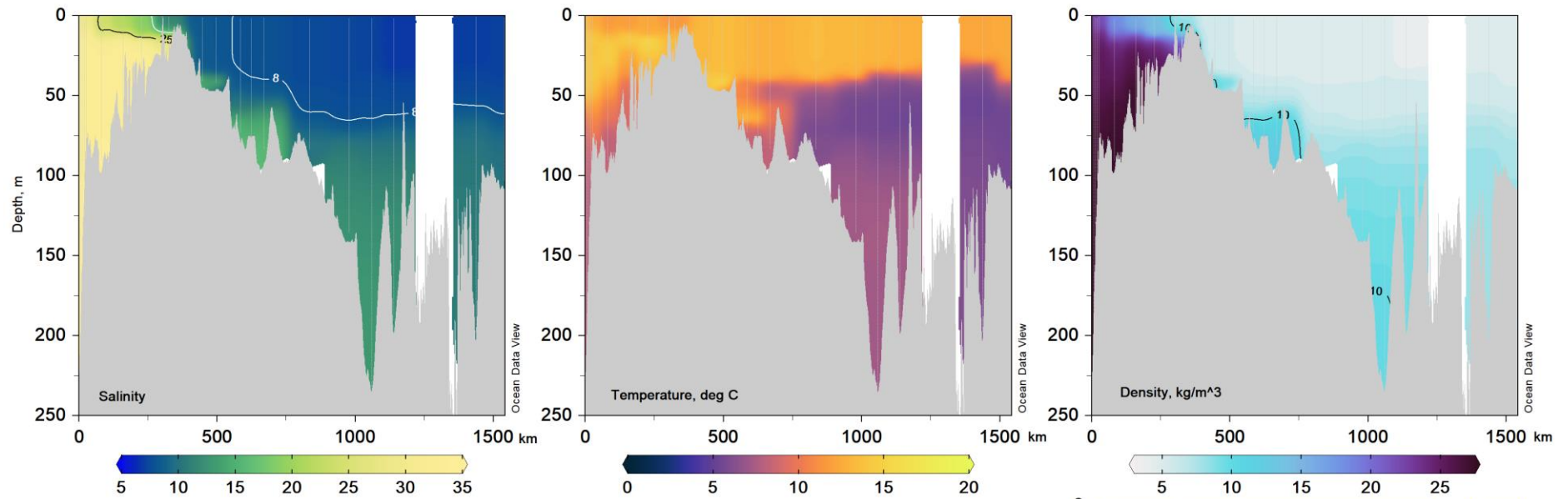
### Isolines

- Salinity: 6, 8, 17 (white), 25 (black)
- Temperature: 5
- Oxygen: 1 (white), 0.1 (pink)
- Density: 10
- Thin vertical lines are stations



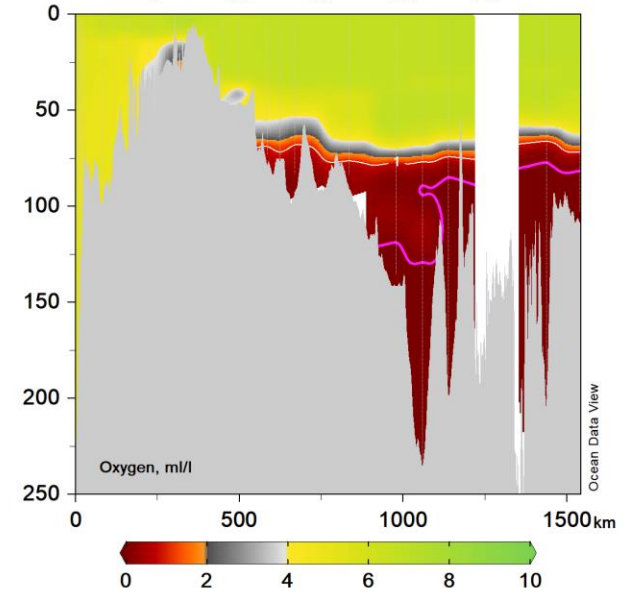
# SMHI cruise October 2020.10.16 – 2020.10.21

## CTD section



### Isolines

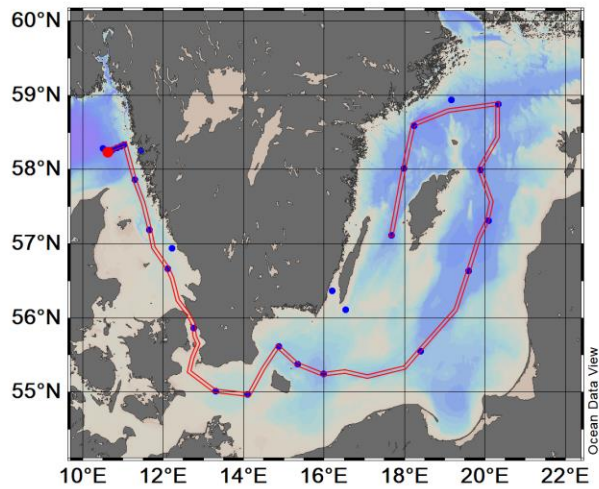
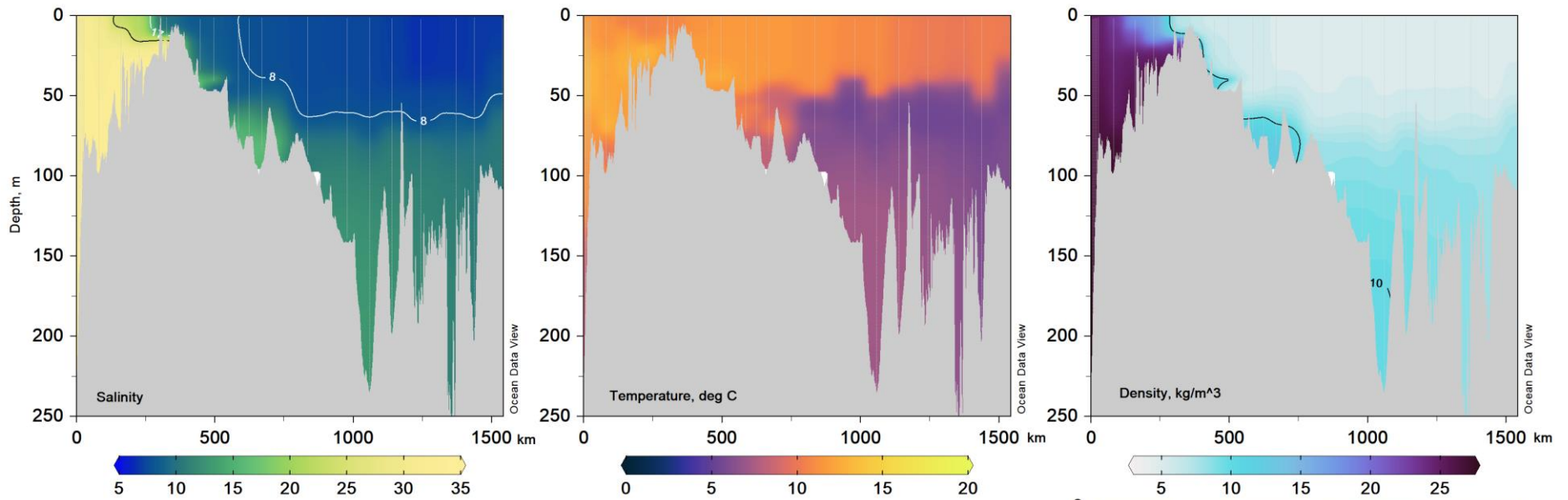
- Salinity: 6, 8, 17 (white), 25 (black)
- Temperature: 5
- Oxygen: 1 (white), 0.1 (pink)
- Density: 10
- Thin vertical lines are stations



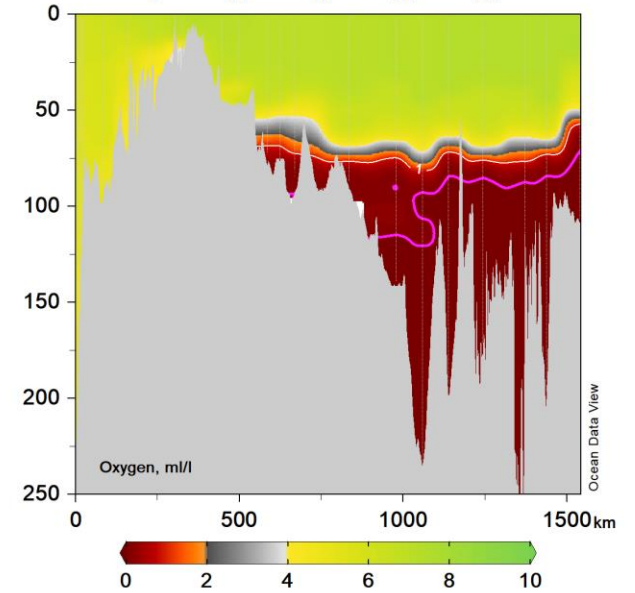


# SMHI cruise November 2020.11.12 – 2020.11.17

## CTD section



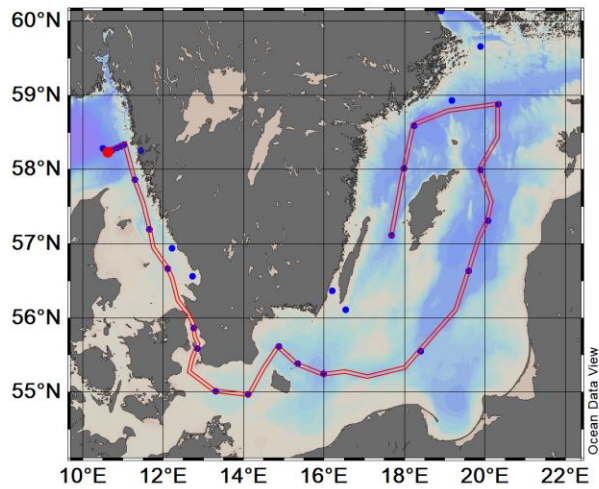
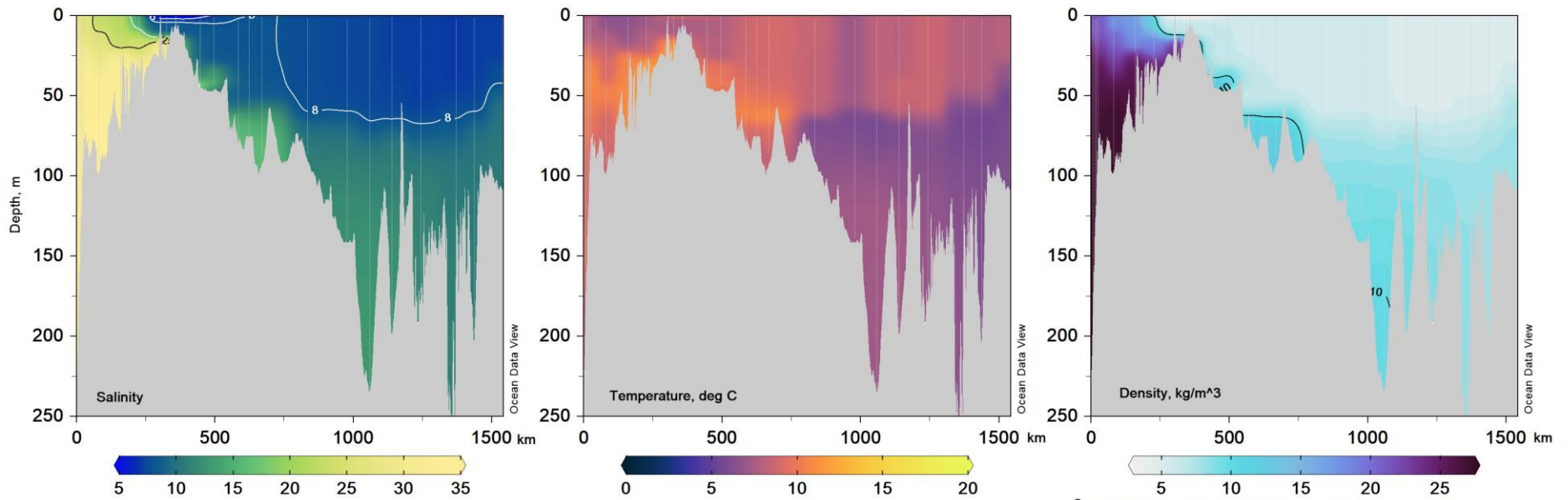
**Isolines**  
 Salinity: 6, 8, 17 (white), 25 (black)  
 Temperature: 5  
 Oxygen: 1 (white), 0.1 (pink)  
 Density: 10  
 Thin vertical lines are stations





# SMHI cruise December 2020.12.03 – 2020.12.14

## CTD section



**Isolines**  
Salinity: 6, 8, 17 (white), 25 (black)  
Temperature: 5  
Oxygen: 1 (white), 0.1 (pink)  
Density: 10  
Thin vertical lines are stations

