

Baltex SSG 2008

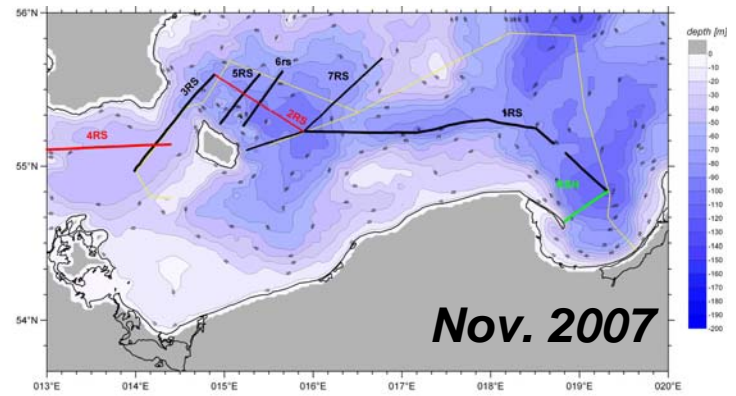
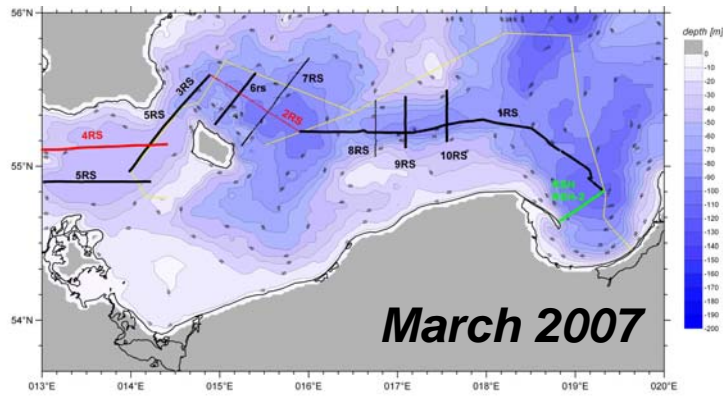
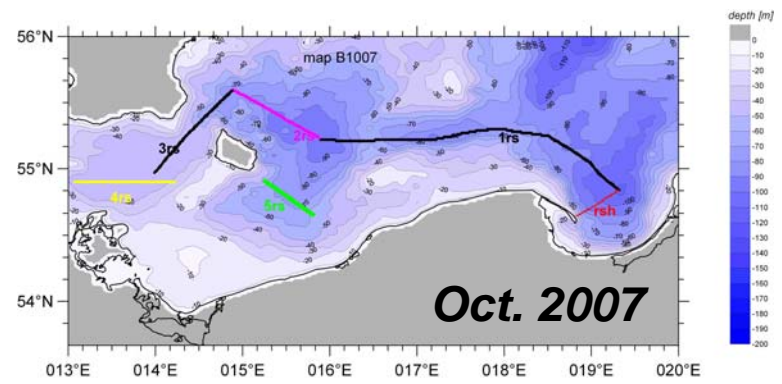
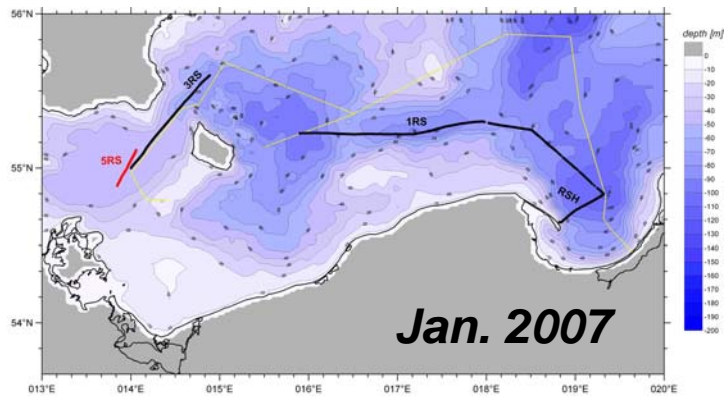
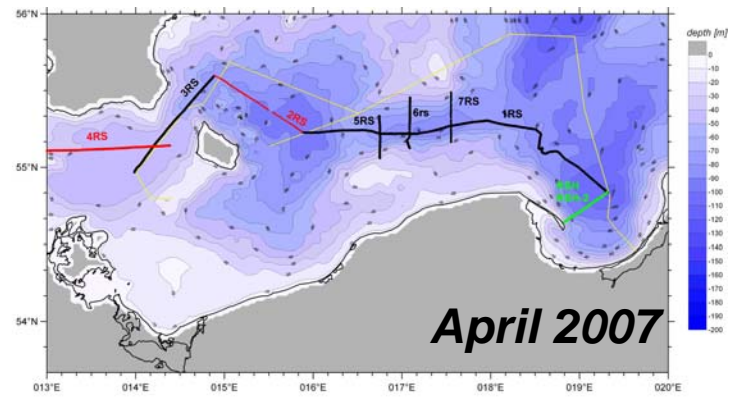
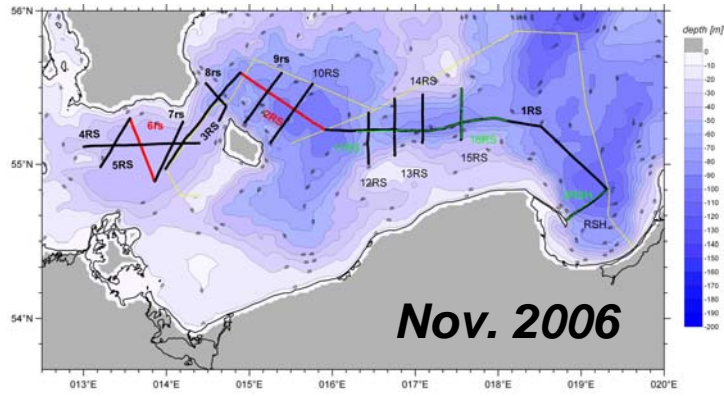
Institute of Oceanology  
Poland Report

*Jan Piechura*

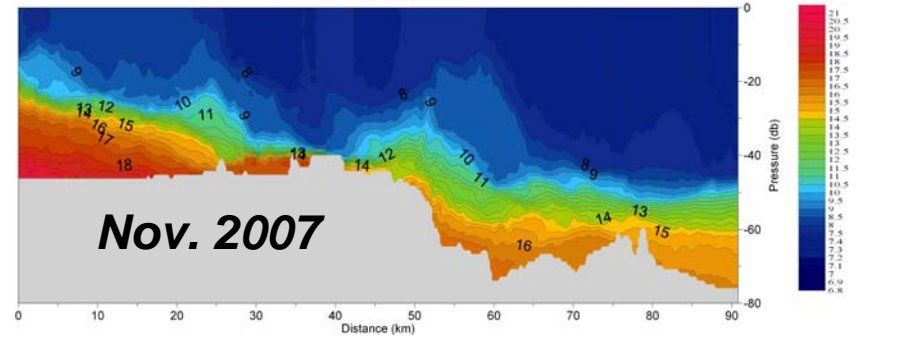
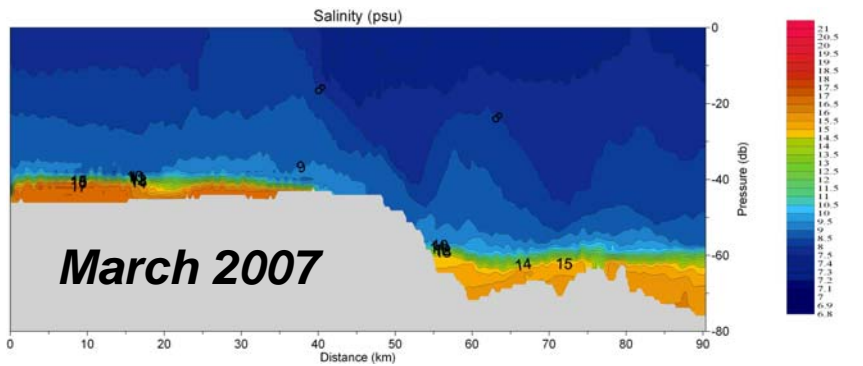
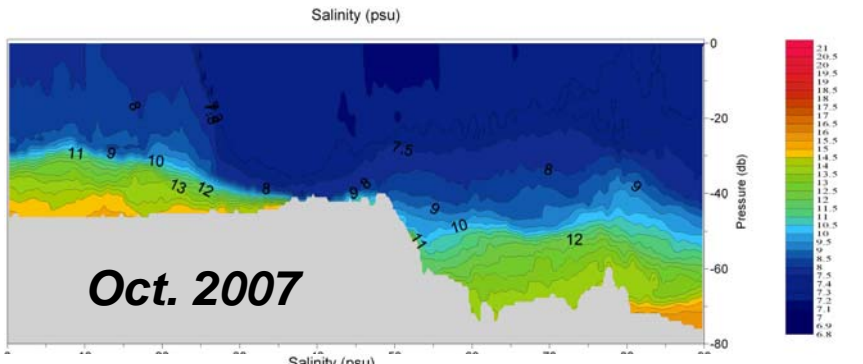
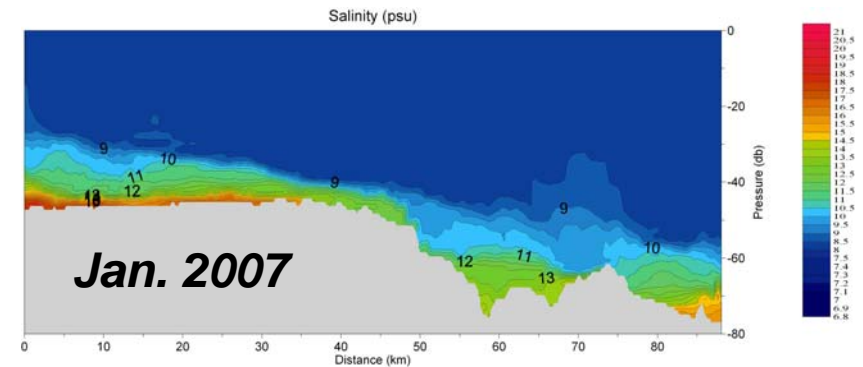
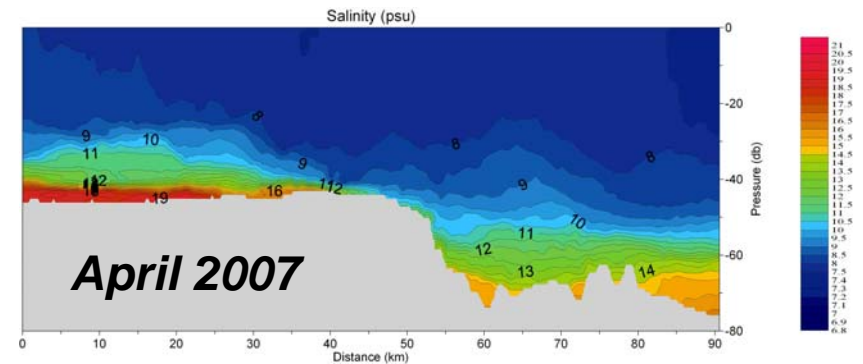
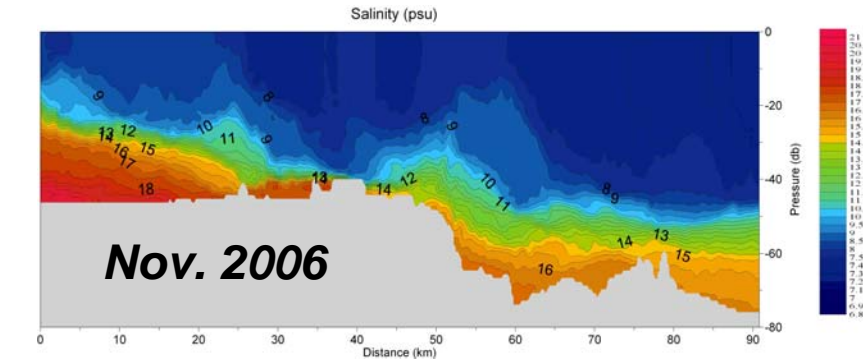


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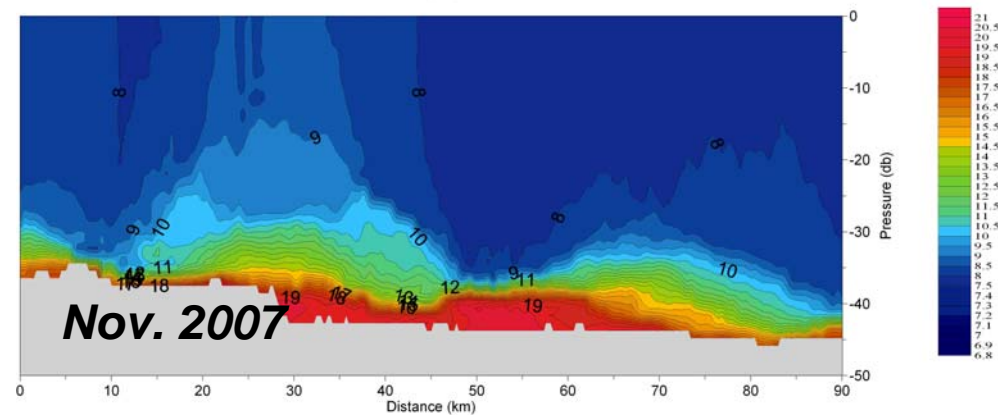
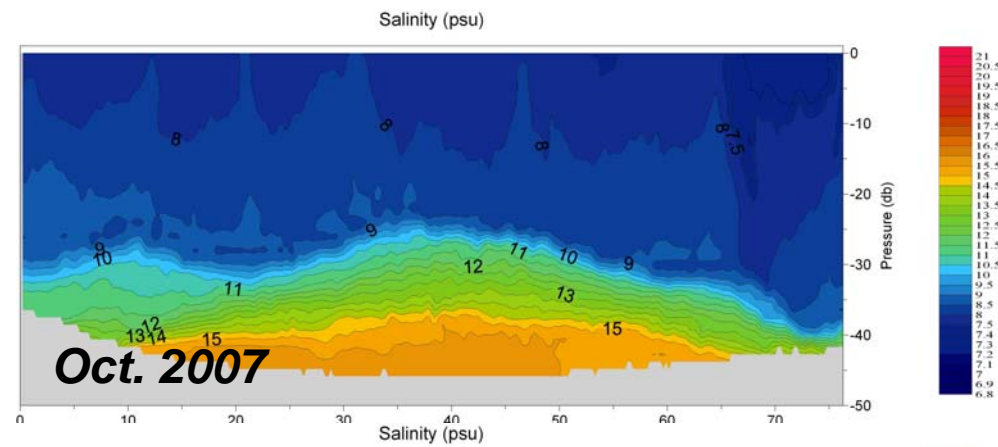
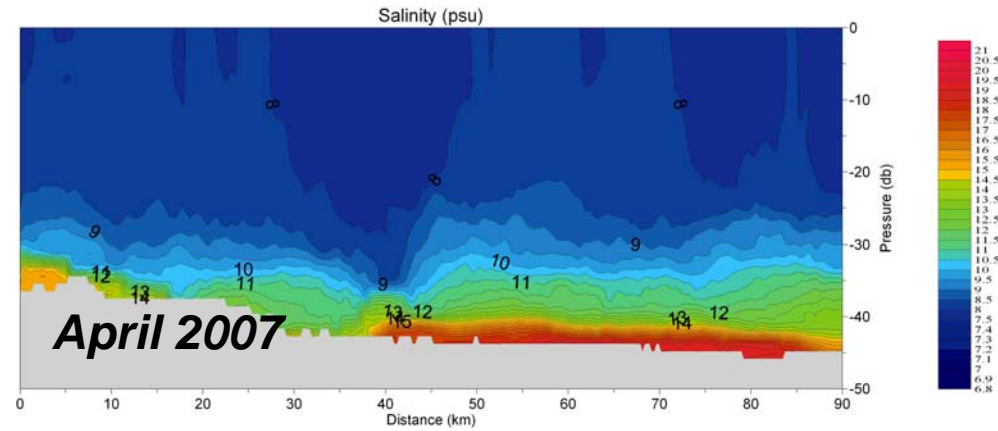


# Salinity at section 3RS



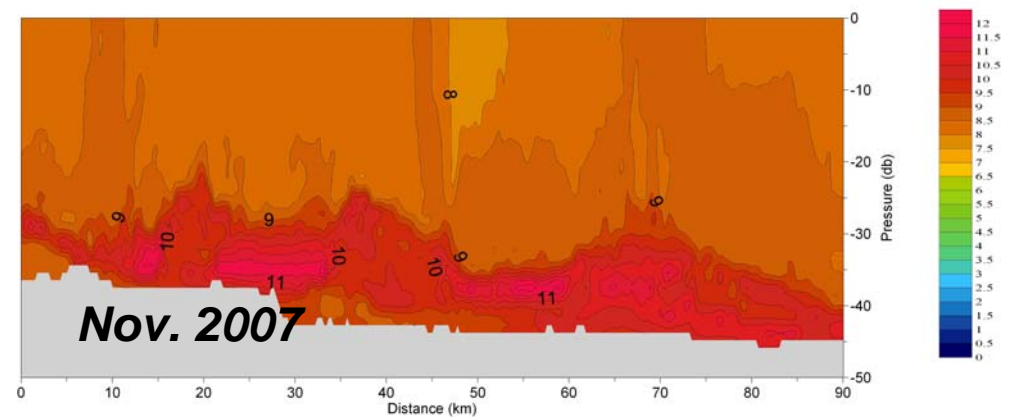
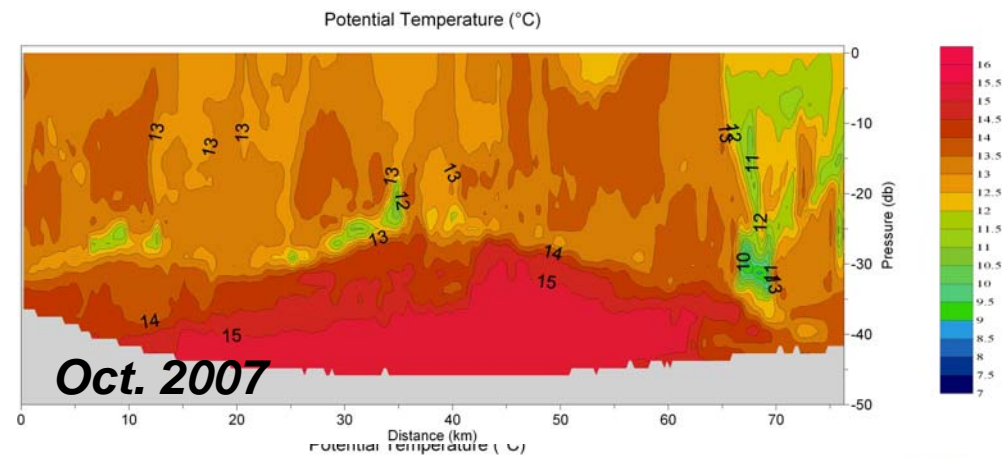
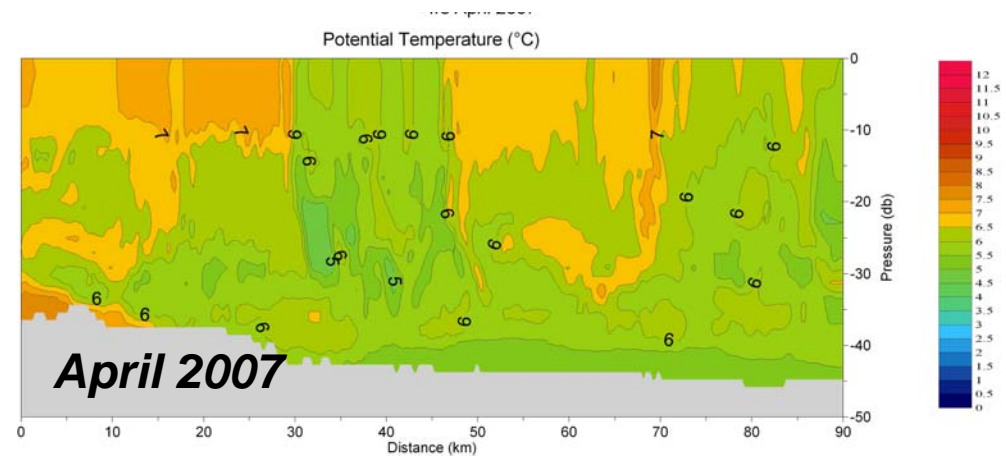


# Salinity at section 4RS

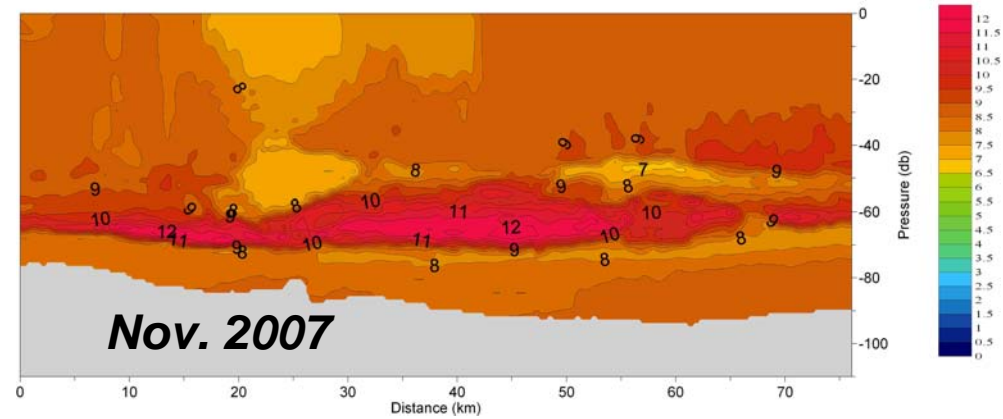
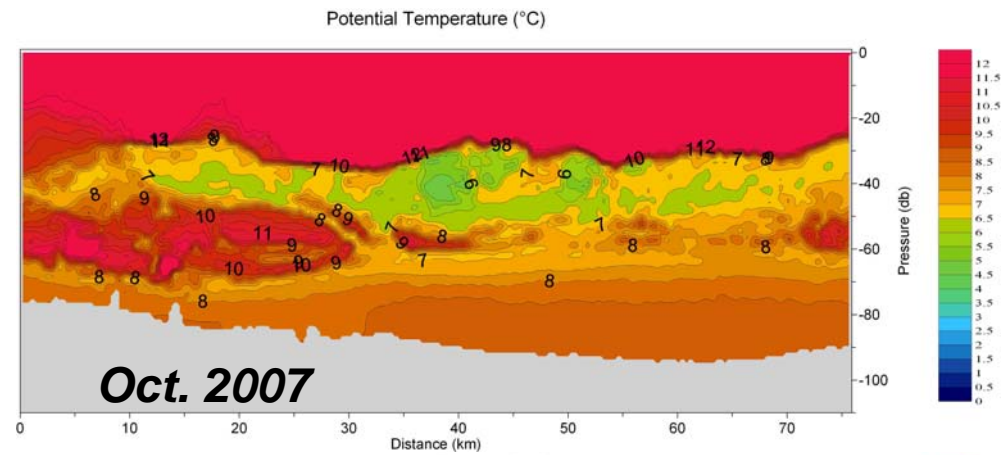
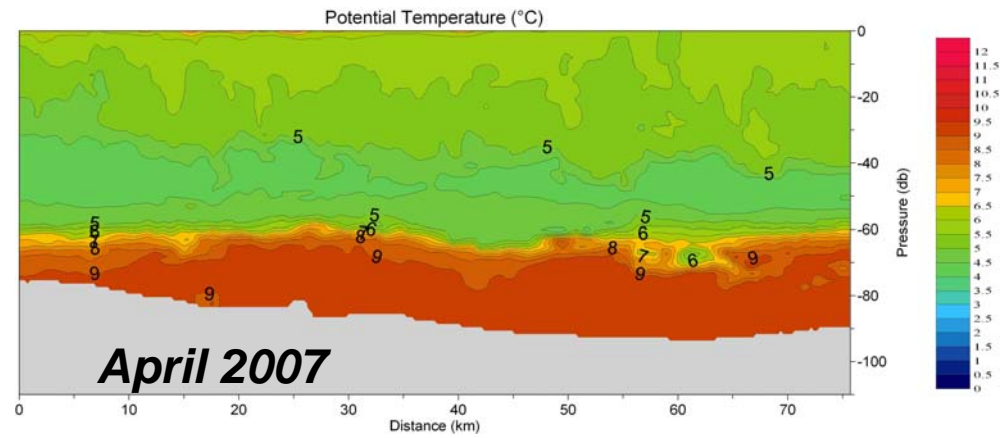




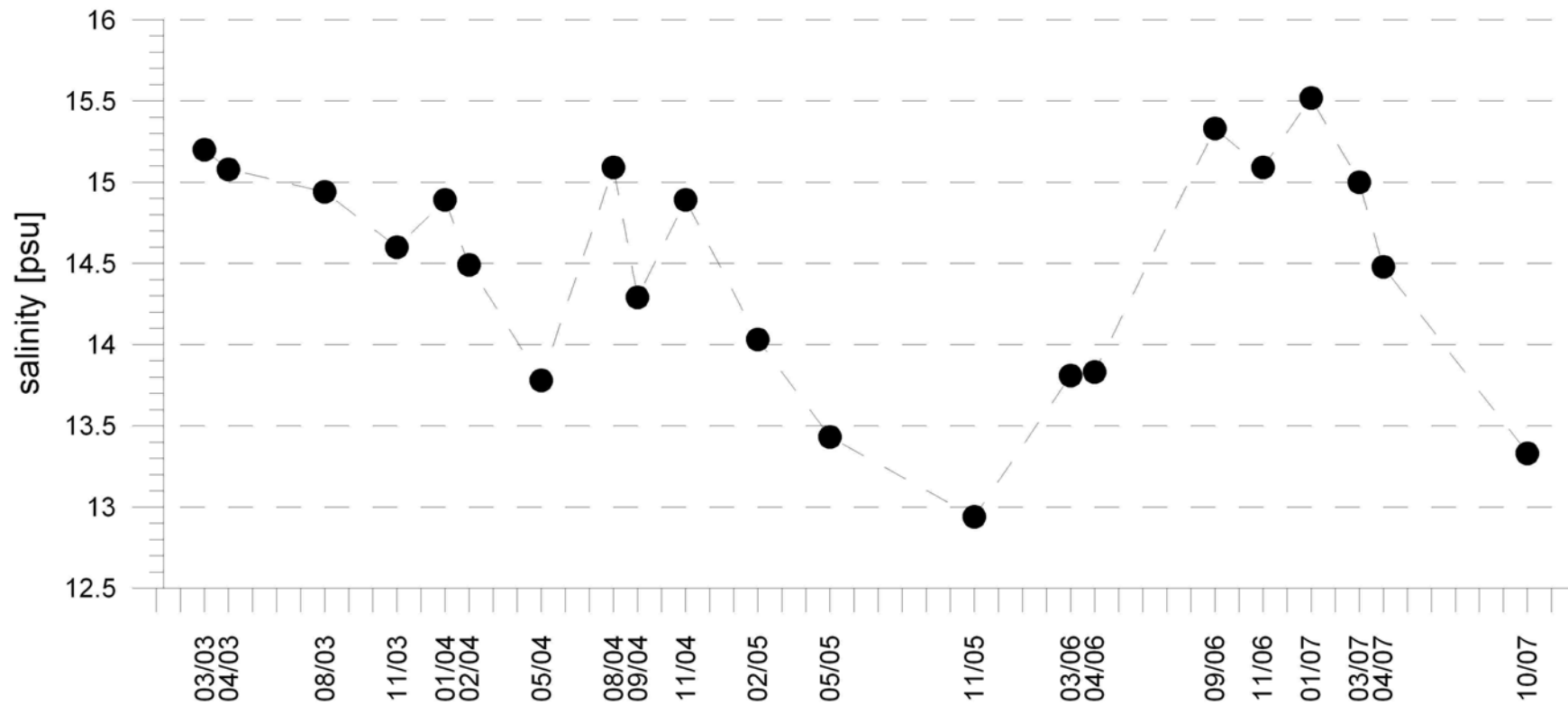
# Temperature at section 4RS



# Temperature at section 2RS

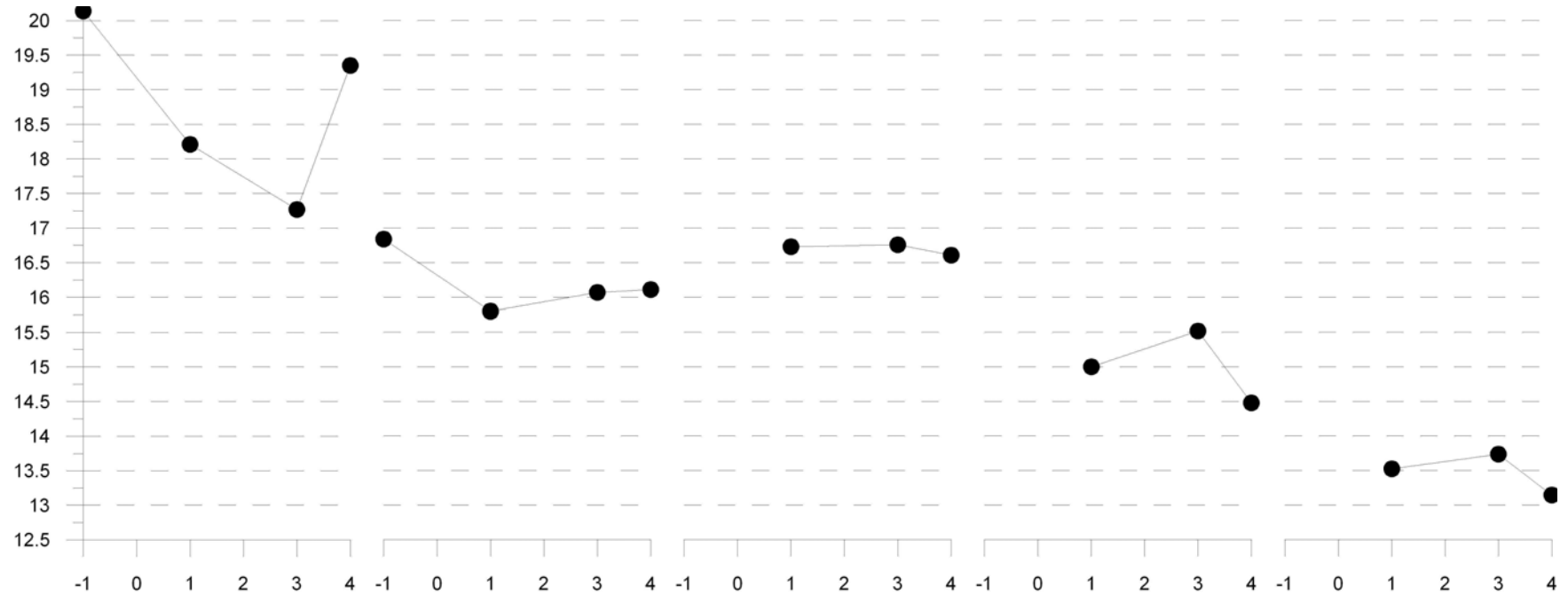


# Maximal salinity in Stolpe Channel 03/2003-10/2007

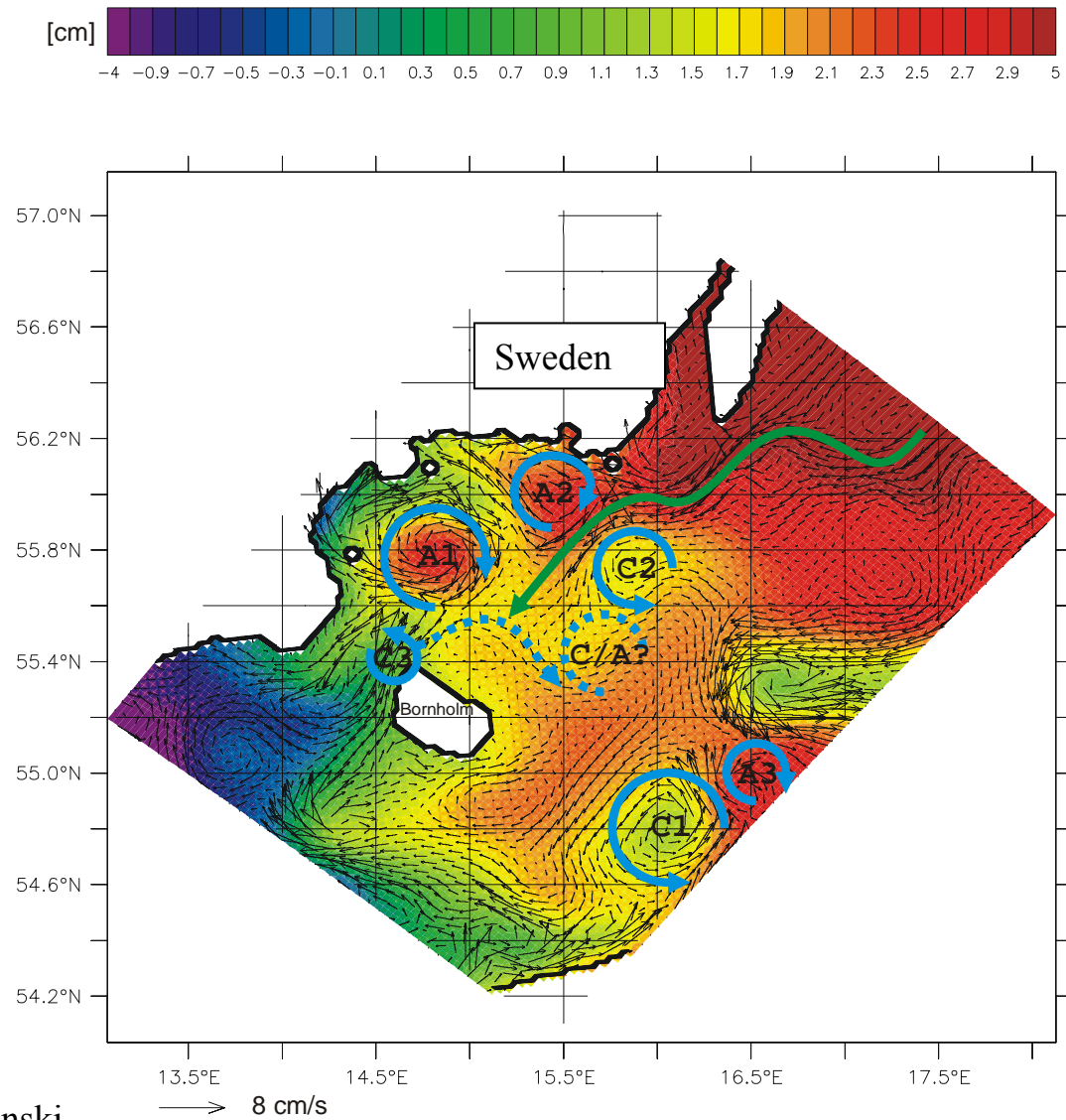




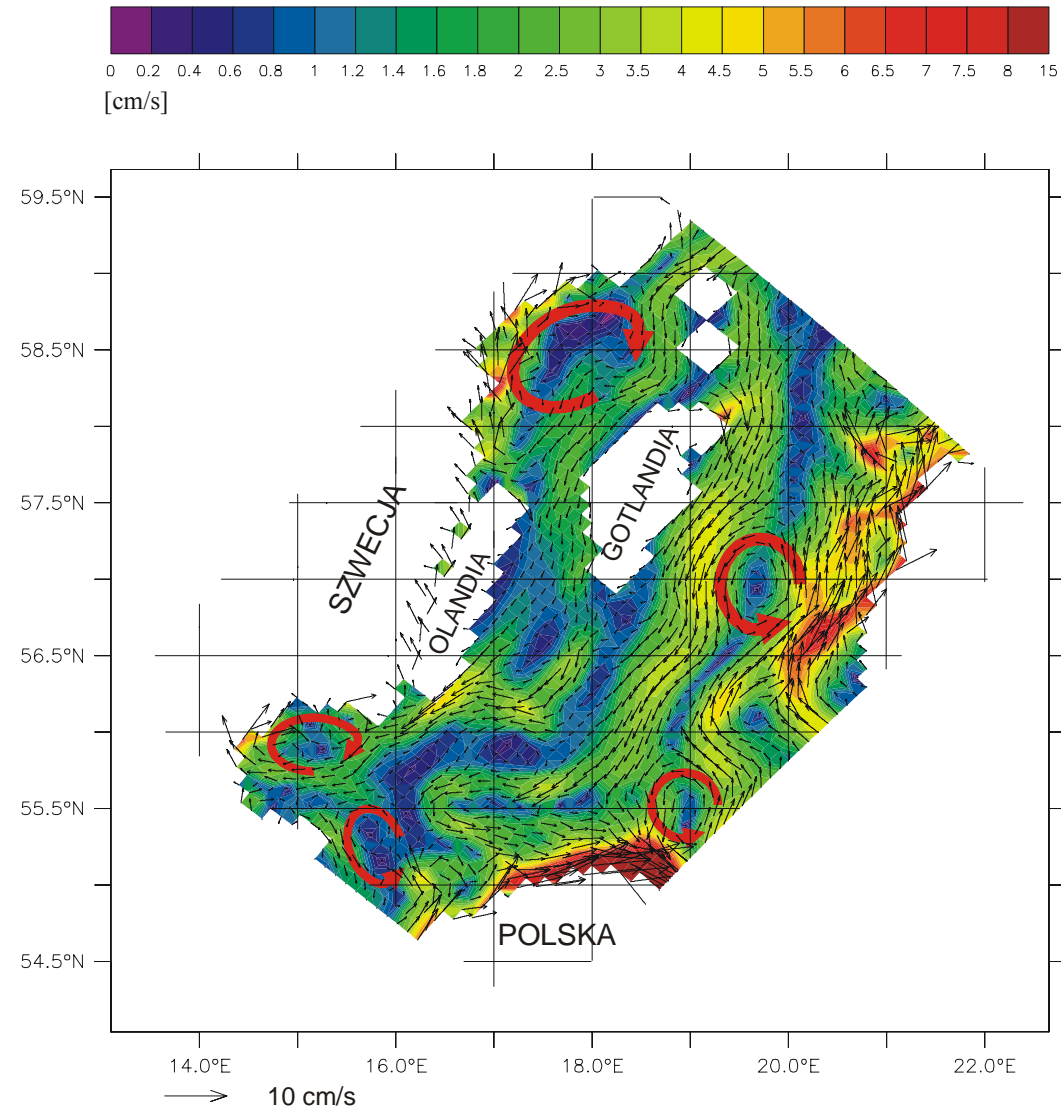
# Changes of the maximal salinity of the bottom water .....



Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity in the Bornholm Basin. Every second vector is plotted.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results. Background colours surface high.

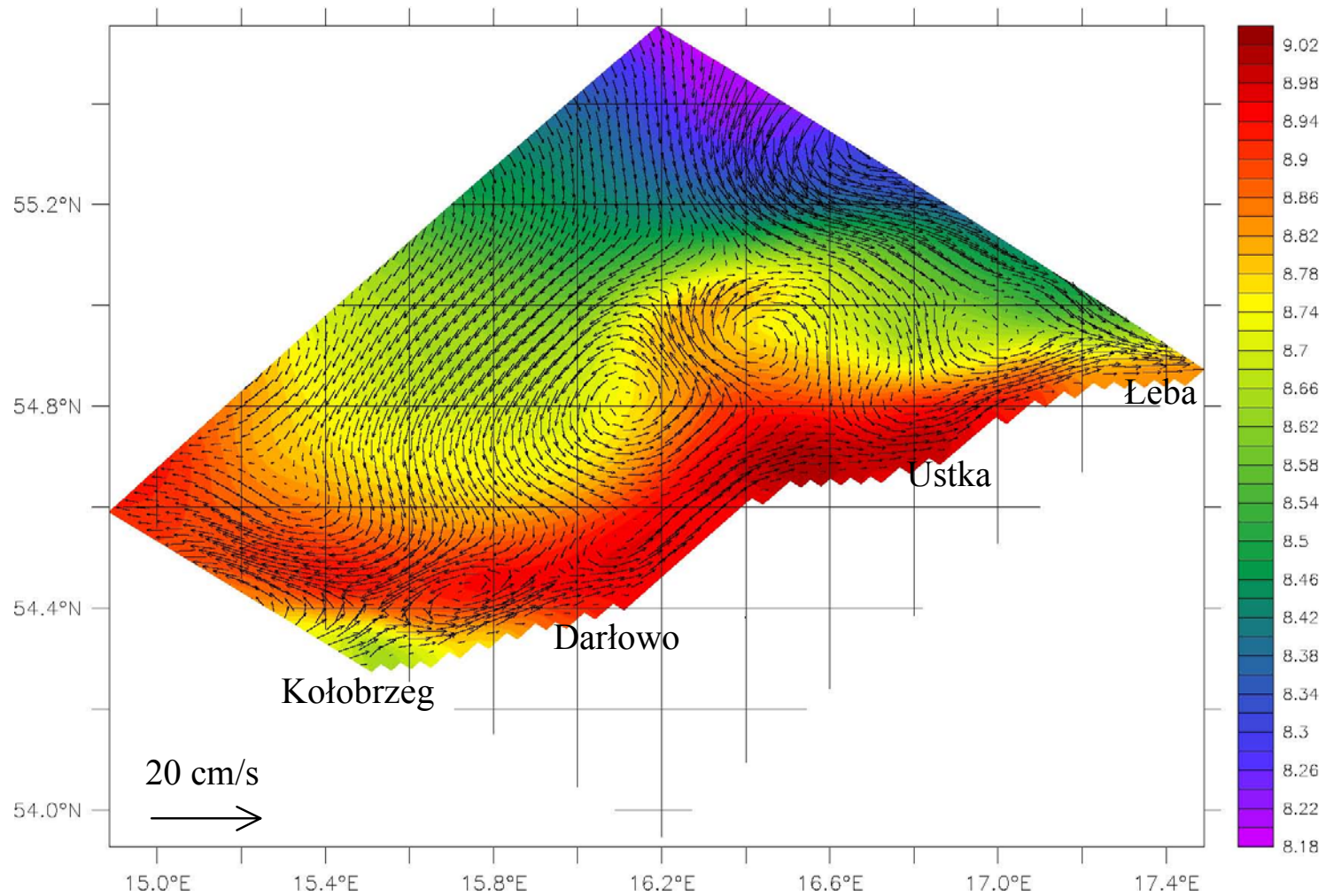


Horizontal distribution of 42-year mean (1960-2001) 5-50m (model levels 2-8) velocity in the Bornholm Basin. Every vector is plotted.  $1/12^\circ$  ( $\sim 9\text{km}$ ) model results. Background colours surface high.

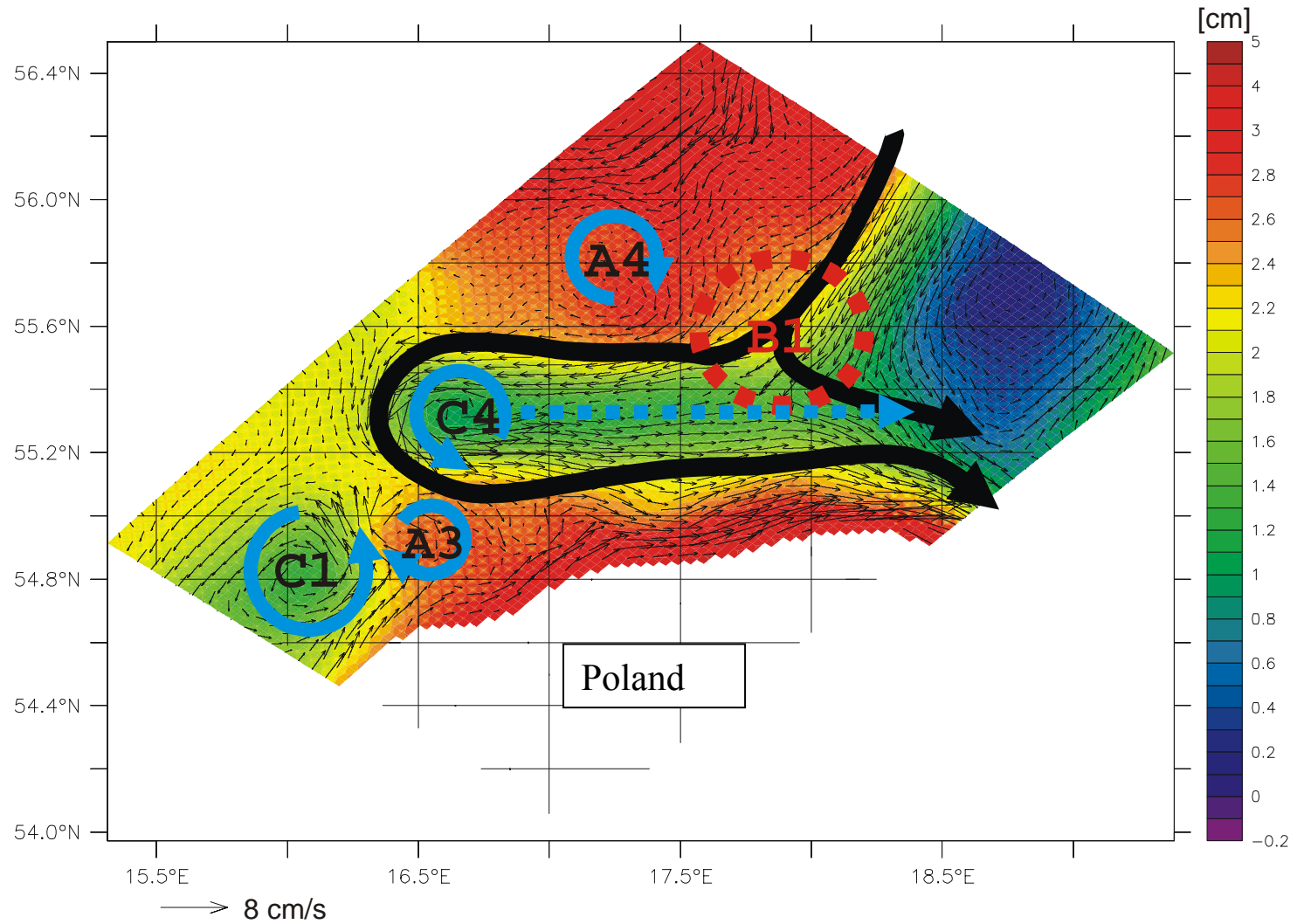




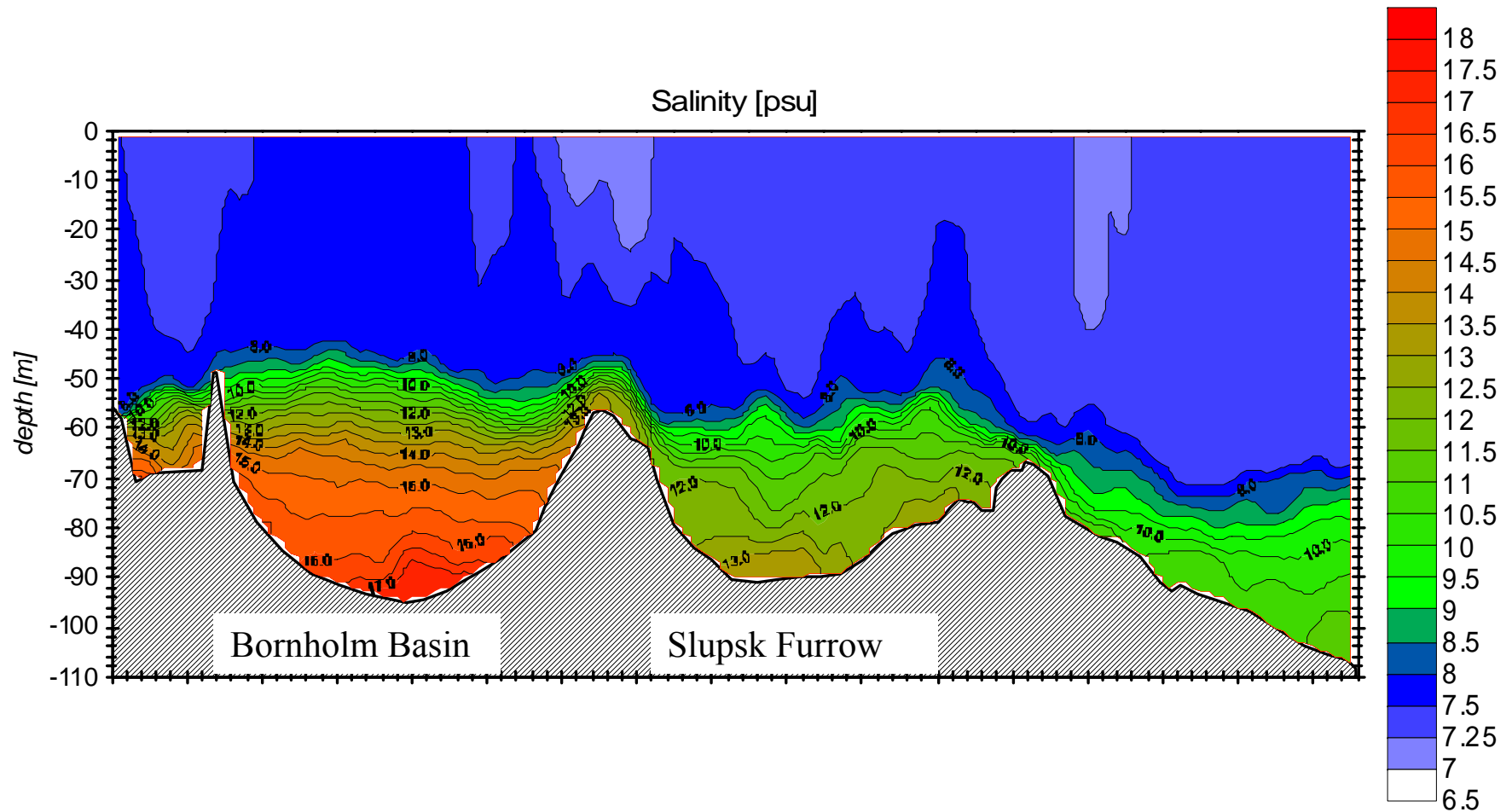
Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity in the South of Bornholm Basin. Every vector is plotted.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results. Background colours is 5-10m water mean temperature [ $^\circ\text{C}$ ].



Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity in the Slupsk Furrow. Every second vector is plotted.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results. Background colours is surface high.

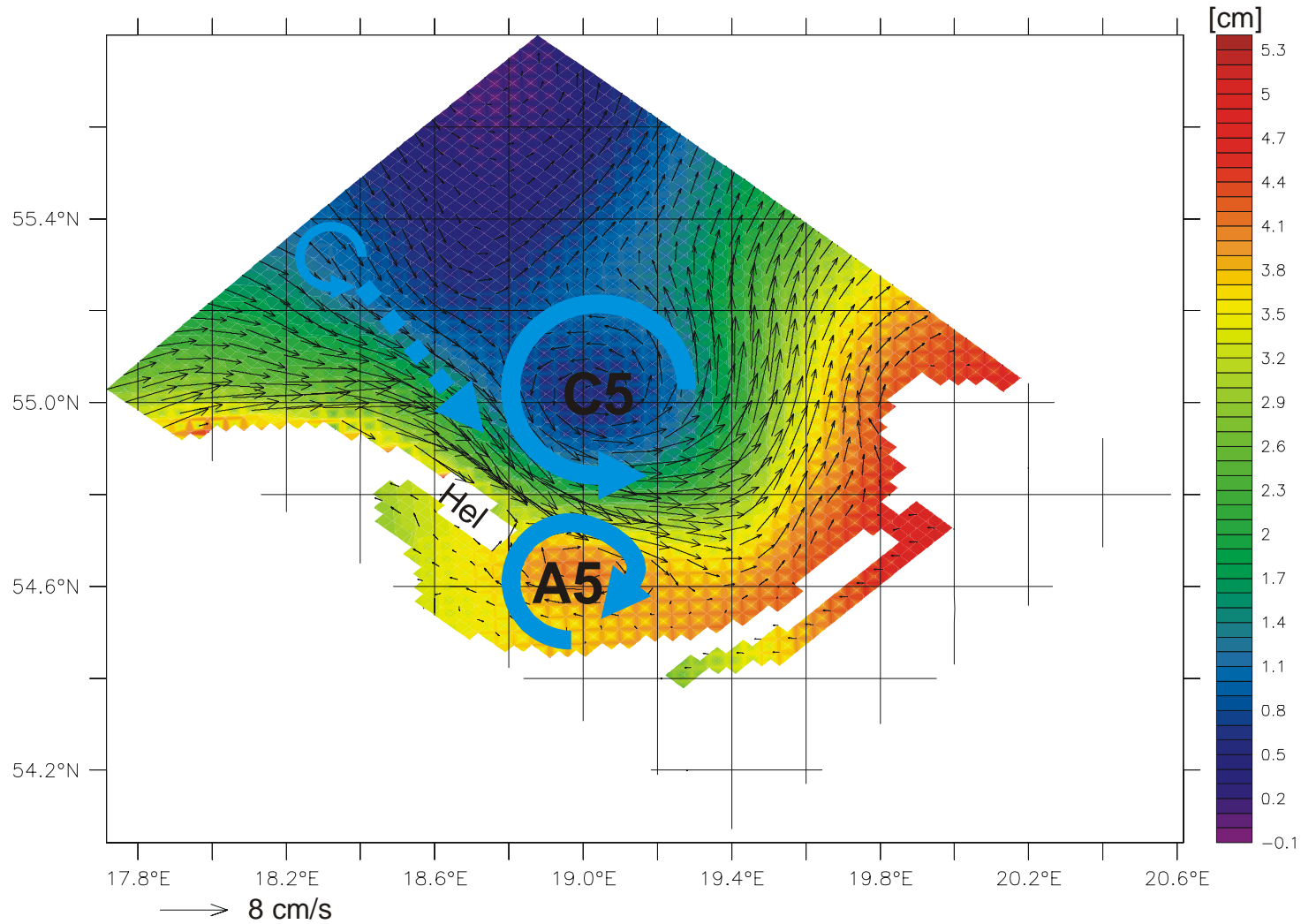


Vertical distribution of salinity across Bornholm Basin, Slups Furrow and partly Gdansk Basin in January 2001 (IO PAS database).

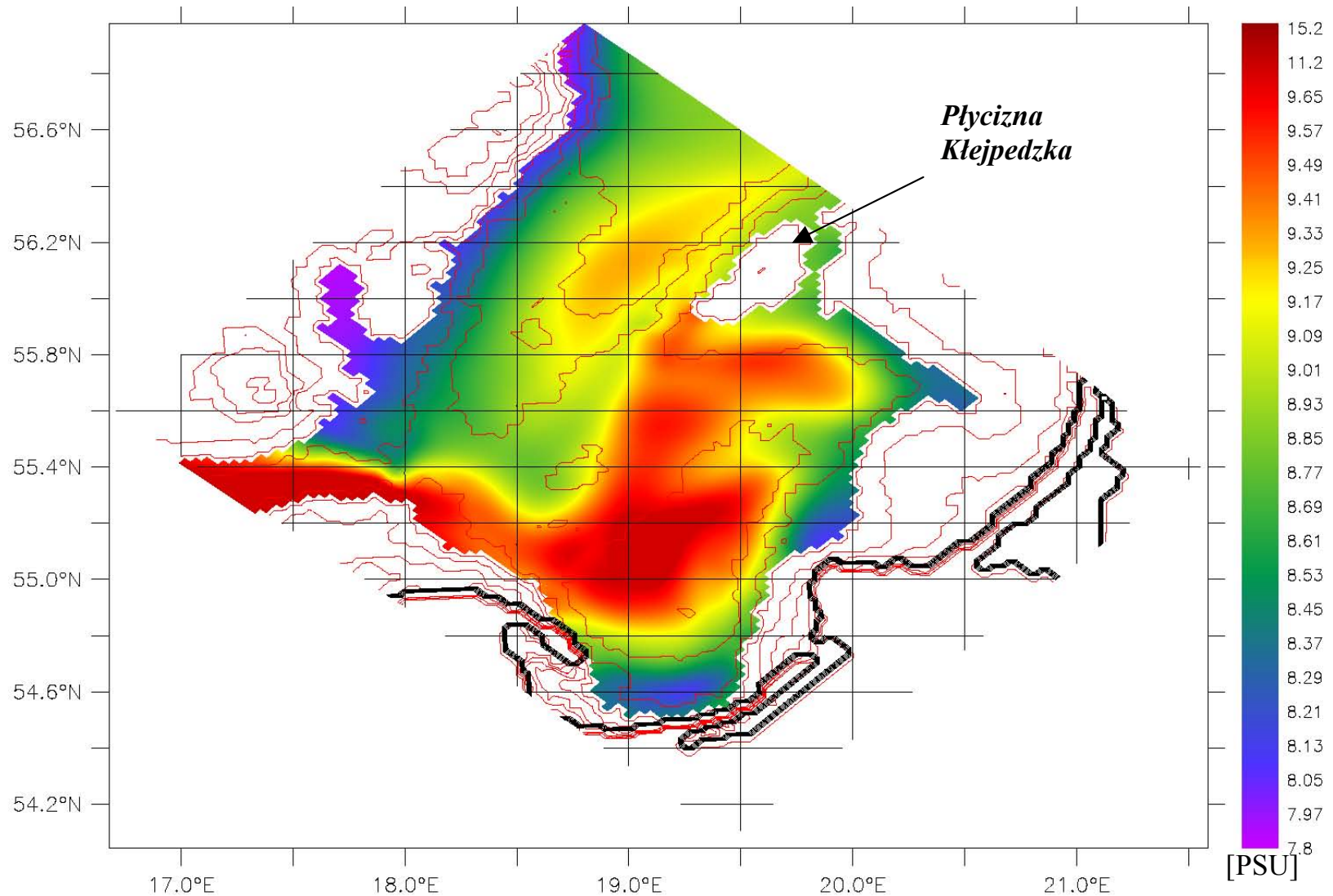




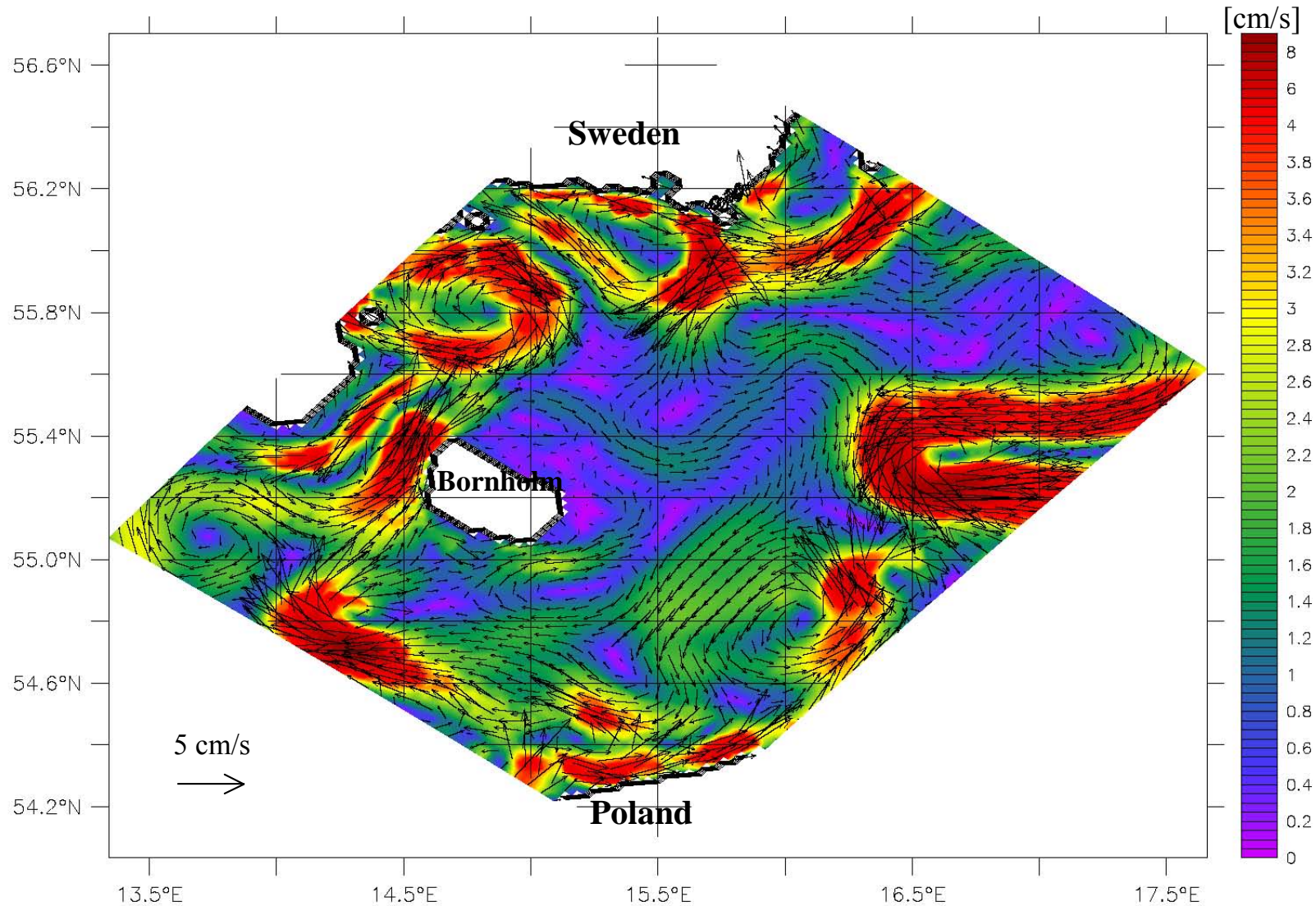
Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity in the Gdansk Basin. Every second vector is plotted.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results. Background colours is surface high.



Snapshot of horizontal distribution of 52-64m (model level 9) salinity after the main inflow in 1960.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results.



Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity. Every second vector is plotted.  $1/48^\circ$  ( $\sim 2\text{km}$ ) model results. Background colours is current speed.





Horizontal distribution of ten year mean (1960-1969) 5-50m (model levels 2-8) velocity. Every vector is plotted.  $1/12^\circ$  ( $\sim 9\text{km}$ ) model results. Background colours is current speed.

