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Chapter 4. Frontal zones in the Barents and White Seas4.1. General physical and geographical characteristics of the Barents Sea; 4.2. General physical and geographical characteristics of the White Sea; 4.3. Systematization of frontal zones; 4.4. Bear Island Frontal Zone; 4.5. Western Trough Frontal Zone; 4.6. Central Rise Frontal Zone; 4.7. Marginal Ice (Arctic) Frontal Zone; 4.8. Central Trough Frontal Zone; 4.9. Eastern Barents Sea Frontal Zones; 4.10. Coastal Frontal Zones of the Barents Sea; 4.11. North Cape Frontal Zone; 4.12. The frontal zones of the White Sea

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7.3. Cross-frontal "vortical" heat and salt exchange

Sommario/riassunto

This title presents the systematization and description of accumulated knowledge on oceanic fronts of the Norwegian, Greenland, Barents and Bering Seas. The main fronts of the Norwegian, Greenland and Barents Seas are part of the climatic North Polar Frontal Zone (NPFZ). The work is based on numerous observational data, collected by the authors during special sea experiments directed at the investigation of physical processes and phenomena inside certain parts of the NPFZ and in the northern part of the Bering Sea, on archive data of the USSR Hydrometeocenter and other research institutions, a
