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Orange roughy acoustic data processing
ToR3: estimation of the biomass

Relate to agenda item: 4

Working paper Info paper

Restricted

Aqualyd Consultant Report

Abstract

Data pertinent to acoustic surveys of orange roughy (*Hoplostethus atlanticus*) in SIOFA areas 1, 2, 3a, and 3b were collated and summarised. After data quality checks and detailed inspection of the data, 39 potential surveys were identified and 26 of these ultimately yielded sufficient data to estimate orange roughy biomass from years 2018, 2019, and 2020. Most of the surveys were in the WSR area (17), with a small number also in the North Ridge (3), North Walter's (4), Seamounts (1), and South Ridge (1) areas. Per-survey biomass ranged from 200 to 50 400 t.
