

SERAWG-04-05 [restricted]

4<sup>th</sup> Meeting of the Stock and Ecological Risks Assessment (SERAWG3)  
28 February - 04 March 2022 (online)

## Orange roughy acoustic data processing

### ToR1: collation of additional data

*Relate to agenda item: 4.2*

Working paper  Info paper

Restricted

## Aqualyd Consultant Report

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### Abstract

Data pertinent to acoustic surveys of orange roughy in the Southern Indian Ocean have been collated and summarised. Data were received from years 2005-2021 and 177 survey candidates for biomass estimation were identified. Of these, 125 appear to be explicit surveys rather than survey-like datasets conducted as part of fishing operations. In the sub-period of 2017-2021, 77 potential surveys were found, 25 of which were explicit surveys. Some of the 177 surveys may be unsuitable for biomass processing due to data quality, weather conditions, and echosounder settings.

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