



HSWG5 Backscatter

Lombok, Indonesia
2 - 5 October 2023

INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MEASURING THE PHYSICS & FEATURES OF THE OCEAN



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International
Hydrographic
Organization

Backscatter Update



GEOHAB
Marine Geological and Biological Habitat Mapping

HSWG4:

- Proposal was raised to include backscatter into S-44
- Decision to create a backscatter project team with 5 volunteers
- March 2023 HSWG Chair Group corresponded with the GeoHab Backscatter Working Group
- August - September: HSWG Chair Group had two meetings with:
 - Craig Brown (Dalhousie University, Canada)
 - Gary Greene (San Jose State University)
 - Jonathan Beaudoin (HydroOctave Consulting)
 - Alexandre Schimel (Geological Survey Norway)



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Short Term:

- Add links to backscatter documents

Long Term:

- 1-3 items for the matrix
- 1-3 items for minimum metadata
- Add narratives to describe matrix items and metadata
- Building and strengthening relationships with BSWG
- Jonathan Beaudoin - Point of contact for S-44 and C-13 updates



Multibeam Sonar Backscatter Workshop (Backscatter Working Group – BSWG II)

Halifax, Nova Scotia, Canada. 25–27 October 2022

Dalhousie University, Halifax, Nova Scotia, Canada

Conveners: Drs. Craig J. Brown (Dalhousie University, Canada),
Alexandre C. G. Schimel (NGU, Norway) and Marc Roche (FPS
Economy, Belgium)