

# Report on Marine Regions activities

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## Undersea features

### 1. New Zealand update

69 new features added to Marine Regions.

- a. The geometry of New Caledonia Trough (featureId = 2163) in the GEBCO gazetteer seems to differ substantially from the geometry for the feature with the same name in the New Zealand gazetteer (feat\_id = 40416). In the New Zealand gazetteer, the coordinates seem cut off at 23.986°S, while the GEBCO feature stretches out further north. On the other hand, the New Zealand feature stretches out further south than the GEBCO feature. Could these geometries represent the same feature, and if so, what could cause the difference in these geometries?
- b. The geometries of Pukeroro Trough (featureId = 6711) and Glendhu Trough (featureId = 33602) are overlapping in the New Zealand gazetteer (respectively feat\_id = 40531 and feat\_id = 40200), while they do not overlap in the GEBCO gazetteer. Both features were proposed by the New Zealand Geographic Board to the Sub-Committee on Undersea Feature Names. Could these geometries be erroneous in one of both gazetteers?