



glacier 51
TOOTHFISH™

Provenance & History



There is no fishery, and indeed no fish, quite like it. Glacier 51 Toothfish, harvested by Austral Fisheries, is one of the most unique fish, from one of the most highly controlled and managed fisheries on the planet.

Glacier 51 is caught 4,000km south of the Australian mainland in freezing 1-5C subantarctic waters, beneath the southern tip of one of the most inhospitable islands in the world – Heard Island.

The name ‘Glacier 51’ refers to the largest glacier in the Australian Antarctic on the south side of Heard Island, which the Austral Skippers use as a marker to set their fishing lines. It is an area that is wild, pristine and is Australia’s most remote Commonwealth-managed fishery.

Glacier 51 Toothfish are wild caught using a bottom longline, which consists of a longline, attached to branchlines and hooks set across the seabed. The technique is used to specifically target the fish, and has minimal bycatch and effect on the environment.

Glacier 51 is a Patagonian toothfish and is sometimes known as Chilean Seabass, Mero and Merluza negra.

The Glacier 51 Toothfish swims between 70-2000m beneath the surface feeding on a diet of prawn, crab, squid and other fish. Unlike other deep-water fish it doesn’t have a swim bladder to maintain its buoyancy, rather it uses the natural oil, which adds to the unique moisture and flavour of the fish.

Glacier 51 Toothfish is MSC certified as sustainable and is also part of the only carbon neutral fishery on the planet (Austral Fisheries). Every fish is tracked using the latest OpenSC Blockchain technology, which in partnership with the WWF is providing absolute traceability from water to plate.

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OpenSC Blockchain

OpenSC Blockchain technology is a digital, tamper-proof record of information that is used to verify, trace and share full transparency and give consumers the ultimate confidence in a product.

A simple scan of the G51 packaging can reveal where, when and how the fish were caught including the sustainability status at the time of harvest.

It means there is undeniable proof of the sustainability of a product.

The level of transparency provided by blockchain technology allows the ability to trace each fish from water to plate.

This level of transparency can help reduce unregulated and illegal fishing practices and improve the sustainability of fishing across the globe.

Location Map



Table Talk

- Glacier 51 is a Patagonian toothfish and is sometimes known as Chilean Seabass, Mero and Merluza negra.
- It is wild-caught in the cold, clean and remote Australian sub-Antarctic waters.
- The name 'Glacier 51' refers to the largest glacier in the Australian Antarctic on the south side of Heard Island, which the Austral Skippers use as a marker to set their fishing lines.
- Glacier 51 is MSC certified and THE only carbon neutral fishery on the planet
- It has total traceability via the WWF sponsored open SC Blockchain traceability program

