Patagonian squid
Falkland Islands

Fishery: Autumn-spawning cohort - Falkland Islands, Falkland Islands (Malvinas), Bottom trawls

IDENTIFICATION

SCIENTIFIC NAME
Doryteuthis (amerigo) gahi

SPECIES NAME(S)
Patagonian squid

STOCK IDENTIFICATION
Several authors found that a single stock of Patagonian squid exists around Falkland Islands and that there are no genetic differences between spawning cohorts (e.g. Carvalho and Pitcher, 1989; Vega et al., 2001; Shaw et al., 2004). However, there are two fishing seasons related with two spawning cohorts – autumn-spawning cohort (ASC) and the spring-spawning cohort – that are subject to different oceanographic conditions, show distinct dynamics, are assessed and managed separately (Arkhipkin et al., 2007; FIG, 2013) and were thus here considered. Both national and international fleets operate within the Falkland Interim Conservation and Management Zone (FICZ) and Falkland Islands Outer Conservation Zone (FOCZ) and the existence of a distinct stock outside FICZ is referred by Casey et al. (2013) but further research is needed. Besides, Arkhipkin et al. (2007) consider that the life cycle of Patagonian squid is completed within FICZ. The map below regards an approximate distribution of both spawning stocks on the eastern-southern area of Falkland Islands.

RELATED LINKS:
- Falkland Islands Fisheries Department (FIFD)

ASSESSMENT

No related analysis

SCORES

Management Quality:
- Management Strategy: NOT YET SCORED
- Managers Compliance: NOT YET SCORED
- Fishers Compliance: NOT YET SCORED

Stock Health:
- Current Health: NOT YET SCORED
- Future Health: SCORED

FIPS
- No related FIPs

MSC
- No related MSC fisheries

RECOMMENDATIONS

RETAILERS & SUPPLY CHAIN
- This profile is not currently high on our priority list for development, and we can’t at this time provide an accurate prediction of when it will be developed. To speed up an evaluation of the sustainability status of lower priority fisheries we have initiated a program whereby industry can directly contract SFP-approved analysts to develop a FishSource profile on a fishery. More information on this External Contributor Program is available at https://www.sustainablefish.org/Programs/Science/External-Contributor-Program.
- Ensure your supply chains are represented in SFP’s Global Squid Supply Chain Roundtable to review improvement needs in this and other similar fisheries, catalyze fishery improvement projects, and monitor progress in improvement efforts.