**Argentine shortfin squid**

**South Atlantic**

**Fishery**

South Patagonian (SPS), Bonaerensis/North Patagonian (BNPS), Summer Spawning (SSS) and Spring Spawning (SpSS). Only the two first units are targeted and are assessed as separate units. **(Abril et al. 2008; Crespi-Abril et al. 2013)**

**Distribution**

The Argentine shortfin squid distributes along the Argentinean coast, Uruguaian and Brazil (Abril et al. 2008; Perez et al. 2009). A unique population is considered to exist by Crespi-Abril and Barón (2012) and Crespi-Abril et al. (2015) in Argentine waters, while four distinct sub-units for assessment purposes are identified: South Patagonian Stock (SPS), Bonaerensis/North Patagonian Stock (BNPS), Summer Spawning Stock (SSS) and Spring Spawning Stock (SpSS). Only the two first units are targeted and are assessed as separate units. **(Abril et al. 2008; Crespi-Abril et al. 2013)**

**Stock Assessment**

Assessment and management within Falkland islands' waters are considered separately. **(Falkland Islands Government 2018)**.

**Management Quality**

The general management regime is highly effective and the fishery is considered to be sustainable. No restrictions have been imposed by the fishery management body (CFP) on the fishery. The management is focused on the South Unit of 44ºS including the South Patagonian Stock (SPS) inhabiting the outer shelf and south of 44ºS and the Summer Spawning stock unit North of 44ºS including the Bonaerensis/North Patagonian Stock (BNPS), distributed north of 44ºS up to the Malvinas/Falkland-Brazil currents convergence and the Argentinean-Uruguayan Common Fishing Zone (AUCFZ) north of 39ºS. Several unregulated fleets from Japan, China, Taiwan, Province of China, Korea and Spain legally operate in the High Seas outside the Argentine EEZ. The map shown refers to the full geographic distribution of Illex argentinus. **(A. Barbieri and B. Di Meo 2012)**

**Stock Health**

The escapement estimations of the latest years has been below the threshold set at the management objective (41%) affecting the estimations of spawners and biomass of both management units. The impact of the fishery and the interaction with protected or endangered species is unknown and no interaction, bycatch data or discards are recorded.

**Future**

There is not yet a specific management plan in place. There are no viable contingency plans to restrict fishing in the event of an environmental emergency. In the latest years the pre-recruit survey (that determines the initial abundance estimation) was not conducted in several opportunities affecting the estimations of spawners and biomass of birth managment units.

**Compliance**

In compliance with a project based on recommendation made by the scientific body (INIDEP), the resolutions of the management body (CFP) directly follow the recommendations made by the scientific body (INIDEP). A mandatory administrative mechanism is in place to prove the legality of catches and certify that these have been legally captured within the Argentine EEZ.

**MSC Measures to Resolve IUU Fishing in and around the Argentine EEZ.**

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**Future Health**

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**Scores**

<table>
<thead>
<tr>
<th>Management Quality</th>
<th>Management Strategy</th>
<th>Managers Compliance</th>
<th>Fishers Compliance</th>
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<tbody>
<tr>
<td>≥ 6</td>
<td>≥ 8</td>
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**FIPS**

No related FIPs

**MSC**

No related MSC fisheries

**Recommendations**

**Retailers & Supply Chain**

- Work with scientists and regulators to implement annual pre-recruit surveys for all stock units.
- Work with managers to create and implement a management plan including a harvest control rule to restrict fishing during years of poor recruitment (as indicated by the pre-recruit surveys) in a timely manner. This management plan should be sensitive to the transboundary nature of these stocks and ideally would be implemented in a coordinated way with other jurisdictions on by a regional fishery management body which would coordinate conservation measures amongst all harvesting nations.
- Work with managers to institute monitoring, control and surveillance (MSC) measures to resolve IUU fishing in and around the Argentine EEZ.
- Expand the existing observer onboard program to include data collection on bycatch and discards, and specially on interactions with seabirds and endangered species or the ecosystem are not expected to exist.
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* Ensure your supply chain is 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.