IDENTIFICATION

SCIENTIFIC NAME
Pandalus borealis

SPECIES NAME(S)
Northern prawn, northern shrimp

STOCK IDENTIFICATION

The Icelandic shrimp consists of three separated stocks: inshore, offshore and
Dhorn bank/Denmark Strait populations which differ genetically (Jónsdóttir et
al., 1998) and in size, maximum length and length at sexual maturity (Skúladóttir
and Pétursson, 1999). Assessment and management are specific to each stock.
The offshore fishery has been the largest in terms of catches since the 1980s. A
part of the catch is of a related species, Pandalus montagui, but is not
differentiated during reporting (IMFA, undated 1).

ASSESSMENT

Strengths

The stock advice is currently based on annual survey indices and fishery
trends. An annual Total Allowable Catch (TAC) has been set at the
scientifically advised level. In 2018 the precautionary limit for biomass B
proposed by NAFO (50% for data-poor shrimp stocks) was used allowing the
determination of an indicative stock status. Sorting grids are mandatory to
reduce bycatch which is not considered to be an issue.

Weaknesses

There is some uncertainty associated with analytical assessment models, and
they are not used to evaluate this stock. Catch per unit effort (CPUE) index,
total biomass index and recruitment are at low levels, below long-term
averages. Discard estimates are unknown. Reference points are not defined
and the suitability of the limit reference point used for NAFO data-poor
shrimp stocks for this specific stock is not yet determined. A formal
TAC was not set from 2010/2011 to 2013/2014 fishing years and catches frequently
exceed the recommended level.

SCORES

Management Quality:

<table>
<thead>
<tr>
<th></th>
<th>Managers Compliance</th>
<th>Fishers Compliance</th>
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</thead>
<tbody>
<tr>
<td>&lt; 6</td>
<td>10</td>
<td>10</td>
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Stock Health:

<table>
<thead>
<tr>
<th>Current Health</th>
<th>Future Health</th>
<th>Scored</th>
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<tbody>
<tr>
<td>NOT YET</td>
<td></td>
<td>YES</td>
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FIPS

No related FIPs

MSC

• ISF: Iceland northern shrimp - inshore and offshore

MSC Certified

RECOMMENDATIONS

RETAILERS & SUPPLY CHAIN

• Monitor the progress in closing out conditions placed upon the MSC
certification of the fishery and if agreed timelines are met. Offer assistance
in closing conditions where possible.
Within FishSource, the term "fishery" is used to indicate each unique combination of a flag country with a fishing gear, operating within a particular management unit, upon a resource. That resource may have a known biological stock structure and/or may be assessed at another level for practical or jurisdictional reasons. A fishery is the finest scale of resolution captured in FishSource profiles, as it is generally the scale at which sustainability can most fairly and practically be evaluated.

### Management Unit

<table>
<thead>
<tr>
<th>MANAGEMENT UNIT</th>
<th>ORGANIZATION</th>
<th>FISHING AREA</th>
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<tbody>
<tr>
<td>Icelandic offshore</td>
<td>Icelandic Directorate of Fisheries</td>
<td>FAO 27.5.a</td>
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