

2019



# Walmart US

Our customers and members count on Walmart to deliver affordable products in a way that is sustainable for people and for the planet. To meet those needs, we work with partners all along the supply chain to improve the sustainability of products we sell. We do this while working to offer quality products, everyday low prices and putting customers in charge of their food choices by helping provide clear, accurate information about food ingredients and production.

Walmart US employs more than 1.5 million U.S. associates at more than 5,000 stores and clubs nationwide.

The below profile is based upon reports by participating Walmart US suppliers and has not been verified by third-party traceability systems.

Number of fisheries used	Number of certified fisheries	Number of fisheries in a FIP	Number of fisheries in a prospective FIP	Number of fisheries in pre- assessment
80	44	27	4	1
	Fishing Me	ethods Used in Associated	d Fisheries	
Midwater trawl	<ul> <li>Seine nets</li> </ul>	<ul> <li>Hook an</li> </ul>	Id line	Rake / hand gathered /
Bottom trawl	<ul> <li>Purse seine</li> </ul>	<ul> <li>Long line</li> </ul>	e	hand netted
	Gillnets and ento	angling Handline	es and pole-lines •	Pots and traps

# Summary

Walmart aspires to help make choices easier and more transparent for people. We serve hundreds of millions of customers every year, and we advocate for them among suppliers to provide more sustainably produced products while maintaining the low prices customers expect.

At Walmart, we value our relationships with the seafood suppliers who are dedicated to providing the highest in quality and safety through practices that promote sustainable fisheries and social responsibility. We know that seafood is an important source of protein, nutrition, and income for people all over the world. Therefore, we aspire to find our customers safe, affordable, and sustainable seafood that does not negatively affect global communities or the environment. Our goal is to build transparency and continuous improvement in the seafood supply chain so that we can build confidence and provide for our customers now and in the future.

Walmart believes the health of species, fisheries and ecosystems around the world is good for the planet and important to people today and in the future. We are working with our suppliers and partners to track the management of fisheries from which our suppliers source so that we can promote a sustainable supply. We are dedicated to disclosing and making transparent information on the fisheries as reported by our suppliers.

In addition, we care about the men and women in our supply chain and in the seafood industry as a whole, and we are concerned about the ethical recruitment and treatment of workers. While this is a complex issue, we are actively engaged in bringing together numerous stakeholders, NGOs and other private sector companies to help find solutions.

This profile covers all fresh and frozen Walmart seafood sourced and sold in 2018.

- https://corporate.walmart.com/policies
- https://corporate.walmart.com/2017grr

# **Associated Fisheries**



Google

Map data ©2020

Species and Location	Production Methods	Certification or Improvement Project	Stock Status and Management	Notes
Acadian redfish	Bottom trawl	Certified	Well managed	~

Sebastes fasciatus

Fishery countries: U.S.

## **Environmental Notes**

- This fishery is unlikely to have unacceptable impacts on PET species. PET species that may interact with the fishery include marine mammals, sea turtles and Atlantic sturgeon, but recorded interactions are low.
- This fishery does not pose a risk of serious harm to bycatch species. Major bycatch species include dogfish and skate, of which, thorny skate is overfished. There is a partial strategy in place to ensure the fishery does not hinder the recovery of thorny skate.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### Reference

SAI Global, 2016, MSC Assessment Final Report and Determination for US Acadian Redfish, Pollock and Haddock Otter Trawl Fishery.



## **Environmental Notes**

- This fishery is unlikely to have direct impacts on PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

- This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.
- <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



- This fishery is unlikely to have direct impacts on PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.



## **Environmental Notes**

- There are potential risks to sharks with this fishery.
- There is very low bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.



## **Environmental Notes**

- Direct effects of the fishery on PET species are thought likely to be low. While entanglement in lobster gear presents a risk to marine mammals, especially North Atlantic right whales, no entanglements of right whales were reported in the MSC public certification report.
- Measures are in place to prevent fishing from hindering the recovery and rebuilding of the main bycatch species.
- This fishery is unlikely to have a significant impact on the sea bed.

### **General Notes**

#### References

Intertek, 2015, MSC Public Certification Report for Eastern Canada Offshore Lobster Fishery



# Gulf of St. Lawrence South

Fishery countries: Canada

## **Environmental Notes**

- This fishery is unlikely to impact PET species. The risk to marine mammals of entanglement in lobster gear is considered low.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

## **General Notes**

• No additional notes

American sea				
scallop				
Placopecten magellanicus	Dredge	Certified	Well managed	$\checkmark$
US Atlantic - Mid- Atlantic Bight				
Fishery countries:				
U.S.				

## **Environmental Notes**

- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch is a risk in this fishery.
- Dredges will directly impact on the sea bed.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.





## **Environmental Notes**

- This fishery is unlikely to have direct impacts on PET species.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- The impact depends on the gear type. Bottom trawls will have the greatest impact on the sea bed.

### **General Notes**

• No additional notes.

Atlantic herring Clupea harengus

W Newfoundland (fall and spring spawners)

> Fishery countries: Canada

## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• This MSC certification was withdrawn on January 30, 2019.

#### References

Marine Stewardship Council. NAFO Division 4R Atlantic herring purse seine



## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

Fishery Progress, Campeche blue crab - pot/trap & ring nets



#### **Environmental Notes**

- There are risks to marine mammals with this fishery.
- Profile not yet complete.

## **General Notes**

• No additional notes

Blue swimming crab	Gillnets and	FIP	Needs	~
Portunus pelagicus	entangling nets		improvement	
Java Sea				
Fishery countries:				
Indonesia				

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Indonesian blue swimming crab - gillnet/trap



## **Environmental Notes**

- There are risks to marine mammals and sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Philippines blue swimming crab - bottom-set gillnet & pot/trap



**Environmental Notes** 

- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- Habitat impacts are not well understood. Plans to identify and manage potential impacts are underway.

#### References

Fishery Progress, Thailand blue swimming crab - bottom gillnet/trap



#### **Environmental Notes**

- The risks to sharks and sea turtles with this fishery is considered low.
- There is bycatch for this fishery but non-target species are retained.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Vietnam blue swimming crab - bottom gillnet/pot/trap



Caribbean spiny lobster Panulirus argus

Western Central Atlantic Rake / hand gathered / hand netted

Certified

 $\checkmark$ 

## **Environmental Notes**

• Profile not yet complete.

## **General Notes**

• No additional notes

	Purse seine	Certified	Well managed	$\checkmark$
<b>Chinook salmon</b> Oncorhynchus tshawytscha				
Alaska - Southeast Alaksa				

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

## **General Notes**

• No additional notes

Chum salmon				
Oncorhynchus keta	Purse seine			
Alaska - Annette	Gillnets and	Certified	Well managed	$\checkmark$
Island Reserve, Prince William Sound, Southeast Alaska	entangling nets			
<b>Fishery countries:</b> U.S.				

## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Intertek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report



Coho salmon				
Oncorhynchus kisutch	Purse seine	Certified	Well managed	$\checkmark$
Alaska - Prince			Ũ	
William Sound				
Fishery countries:				
U.S.				

## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

#### References

Intertek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report

	Long line	FIP	Profile not yet complete	$\checkmark$
<b>Dot-dash grouper</b> Epinephelus poecilonotus				
Aru Bay, Arafura Sea and Eastern of Timor Sea				
<b>Fishery countries:</b> Indonesia				

• Profile not yet complete.

#### **General Notes**

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

#### References

Future of Indonesian Fisheries, Aru, Arafura and Timor Seas snapper and grouper - handlines, bottom set longline



## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes



#### **Environmental Notes**

• Profile not yet complete.

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

#### References

Future of Indonesian Fisheries, Aru, Arafura and Timor Seas snapper and grouper - handlines, bottom set longline



#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

Fishery Progress, Shantou-Taiwan shortarm octopus - jig



#### **Environmental Notes**

- Information on interactions with PET species is not available.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

## **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

#### References

Alaska Seafood Marketing Institute, RFM Certification - Alaska Crab



Profile not yet complete.

#### **General Notes**

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

#### References

Fishery Progress, Aru, Arafura and Timor Seas snapper and grouper - handlines, bottom set longline



#### **Environmental Notes**

- There are risks to marine mammals with this fishery.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed. Measures to protect vulnerable habitats such as cold water coral reefs are in place.

#### **General Notes**

#### References

Fishery Progress, India threadfin bream - trawl







#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• This fishery was in the Jonah Crab FIP from 2014-2017.

#### References

Gulf of Maine Research Institute, Jonah Crab Fishery Improvement Project



Jumbo flying
squid
Dosidicus gigas

**SE Pacific** 

**Fishery countries:** 

Peru

## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch in this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

## **General Notes**

#### References

Fishery Progress, Peruvian jumbo flying squid - jig

<b>Mahi-mahi</b> Coryphaena hippurus <b>Eastern Pacific</b>	Long line	FIP	Profile not yet complete	~
Ocean				
<b>Fishery countries:</b> Ecuador				

## **Environmental Notes**

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

#### Fishery Progress, Ecuador mahi-mahi-longline



## **Environmental Notes**

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### References

Fishery Progress, Peru mahi-mahi - longline (WWF)



#### **Environmental Notes**

- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- There is a lack of information on bycatch in this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

<u>Fishery Progress, Shantou-Taiwan Chinese common squid – jigging/single trawl</u>



## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• No additional notes.



## **Environmental Notes**

• This fishery is unlikely to impact PET species.

- Bycatch in this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes.

Northern brown shrimp Penaeus aztecus	Rake / hand gathered / hand	FIP	Needs improvement	$\checkmark$
Northern Gulf of Mexico - Louisiana	netted			
<b>Fishery countries:</b> U.S.				

## **Environmental Notes**

- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Louisiana shrimp - otter/skimmer trawl



### **Environmental Notes**

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

#### References

Fishery Progress, Louisiana shrimp - otter/skimmer trawl FIP



- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Louisiana shrimp - otter/skimmer trawl FIP



#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

#### **General Notes**

• No additional notes.

Pacific cod				
Gadus macrocephalus				
Aleutian Islands,	Bottom trawl	Certified	Well managed	$\checkmark$
Eastern Bering Sea, Gulf of Alaska				
<b>Fishery countries:</b> U.S.				

## **Environmental Notes**

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

Pacific cod				
Gadus macrocephalus	Long line	Certified	Well managed	$\checkmark$
Eastern Bering Sea				
Fishery countries:				
U.S.				

## **Environmental Notes**

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery includes other fish, skates and sea birds, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



## **Environmental Notes**

- There are risks to seabirds with this fishery.
- Bycatch is a significant risk for this fishery. This fish is caught as bycatch in other fisheries.
- This fishery is unlikely to have a significant impact on the sea bed.

## **General Notes**

#### References

Longline Fishery Association, Fishery Improvement Project



#### **Environmental Notes**

• There are risks to seabirds with this fishery, but mitigation actions are underway.

- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes



## **Environmental Notes**

- Profile not yet complete.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, India Kerala shrimp and cephalopods - trawl



## **Environmental Notes**

- Profile not yet complete.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

### **General Notes**

• Sam's Club discontinued this item after Q1 2019.



- While encounters with marine mammals and birds have been documented in the Alaskan fishery, the impact on PET species is not thought to be significant.
- There is no risk of bycatch for this fishery. Catches of other salmon species are accounted for in the pink salmon management.
- This fishery is unlikely to have a significant impact on the benthic habitat.

#### **General Notes**

#### References

Intertek Moody Marine, 2013, MSC Public Certification Report for Alaska Salmon Fishery



#### **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.
- <u>NOAA FSSI 3</u>: The fishery is not overfished but overfishing is occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield, *or*, the fishery is not overfished and overfishing is not occurring but the stock biomass is not at or above 80% of the biomass that produces maximum sustainable yield.

#### References

Alaska Seafood Marketing Institute, RFM Certification: Alaska Crab



**Queen crab** Chionoecetes opilio

NW Atlantic - Newfoundland and Labrador	Pots and traps	Certified	Well managed	$\checkmark$
<b>Fishery countries:</b> Canada				

## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

## **General Notes**

• No additional notes

*				
<b>Rainbow smelt</b>			Profile not yet	
Osmerus mordax	Midwater trawl	FIP	complete	$\checkmark$
Lake Erie			complete	
Fishery countries:				
Canada				

- There is a lack of information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- Profile not yet complete.

#### **General Notes**

#### References

Fishery Progress, Canada Lake Erie rainbow smelt - trawl



#### **Environmental Notes**

- There is a lack of information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

#### Crab Catchers Association, Russia Far East Crab FIP



## **Environmental Notes**

- There is a lack of information on interactions with PET species in this fishery. The only known significant impact with this fishery is the effect of the introduced crawfish species on the indigenous crawfish species.
- Bycatch for this fishery is considered low.

• This is a freshwater fishery close to rice fields, so the habitat impact is very limited.

### **General Notes**

• No additional notes.

Snappers nei   Lutjanus spp.   Long line   Aru Bay, Arafura Sea   and Eastern of Timor   Sea   Fishery countries: Indonesia	Profile not yet complete	
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## **Environmental Notes**

- This fishery is unlikely to have a significant impact on the sea bed.
- Profile not yet complete.

#### **General Notes**

#### References

Future of Indonesian Fisheries, Indonesian Longline Demersal Fish



## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

Fishery Progress, Indonesia North Java Sea snapper and grouper - handline and dropline



- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the benthic habitat.

#### **General Notes**

#### References

Intertek Moody Marine, 2013, MSC Public Certification Report for the Alaska Salmon Fishery



## **Environmental Notes**

- This fishery is unlikely to impact PET species, but available data is still limited.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Argentina southern red king crab - pot/trap



# Swordfish

Xiphias gladius

**Indian Ocean** 

Long line

FIP

Needs improvement

 $\checkmark$ 

Fishery countries:



## **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes tuna, billfish and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

### **General Notes**

#### References

Fishery Progress, Indonesia/Indian Ocean tuna and large pelagics - longline



# Lake Erie western and central

Fishery countries: Canada

#### **Environmental Notes**

- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- There is a lack of information on bycatch in this fishery.
- Profile not yet complete.

#### **General Notes**

• No additional notes



## **Environmental Notes**

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is considered low.
- Midwater trawls may have an occasional but cumulative impact.

#### **General Notes**

• This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.

#### References

Deepwater Group, Auckland Islands Squid Fishery (SQU6T)





## Whiskered velvet



## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

Fishery Progress, Shantou-Taiwan shrimp - trawl

<b>Yellowfin sole</b> Limanda aspera	Bottom trawl	Certified	Well managed	$\checkmark$
Bering Sea and Aleutian Islands				
<b>Fishery countries:</b> U.S.				

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

#### References

MRAG Americas, 2015, MSC Public Certification Report for Bering Sea-Aleutian Islands Alaska Flatfish Fishery



## **Environmental Notes**

- There are risks to seabirds, sea turtles and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Indonesia/Indian Ocean tuna and large pelagics - longline



- This fishery is unlikely to impact PET species.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes.

<b>Yellowfin tuna</b> Thunnus albacares	Handlines and			
Western and Central Pacific Ocean - WCPFC	pole-lines	FIP	Managed	$\checkmark$
<b>Fishery countries:</b> Indonesia				

## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch is considered low for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Indonesia Western and Central Pacific Ocean yellowfin tuna - handline

Yellowfin tuna				
Yellowini tuna				
Thunnus albacares				
Western and Central Pacific Ocean - WCPFC	Long line	FIP	Managed	$\checkmark$
Fishery countries:				

## **Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes billfish and other tuna species, and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

Fishery Progress, Federated States of Micronesia yellowfin and bigeye tuna - longline



US West Coast -Northern Management area, Southern Management area Fishery countries: U.S.

## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



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