Ocean Disclosure Project 2016 Morrisons









protect important seabed habitats.





















Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Alaska pollock				Bycatch levels are recorded and considered low. Although bycatch includes threatened chinook salmon, impacts are reasonably well understood, and not considered a threat to the protection and recovery of these stocks.
Aleutian Islands United States		Certified	В	Direct and indirect impacts on PET species have been subject to extensive research and considered low and not significant.
				Regulations are in place that restrict trawling to prevent potential depletion of prey for endangered Steller sea lions, and reduce bycatch of halibut and crabs.
				Impacts on the bottom habitats and benthic communities are considered low, as only pelagic trawl gear is allowed in the directed fishery.
Alaska pollock			7	Bycatch levels are recorded and considered low. Although bycatch includes threatened chinook salmon, impacts are reasonably well understood and not considered a threat to the protection and recovery of these stocks.
East Bering Sea United States		Certified	A	Direct and indirect impacts on PET species have been subject to extensive research and considered low and not significant.
		888		Regulations are in place that restrict trawling to prevent potential depletion of prey for endangered Steller sea lions, and reduce bycatch of halibut and crabs.
				Management measures are in place to reduce the impact of bottom trawls used in this fishery.
Alaska pollock				Direct and indirect impacts of the fishery on PET species (e.g. chinook salmon) have been subject to extensive research. The fishery is considered not to pose any unacceptable impacts on any PET species.
Gulf of Alaska United States		Certified	B	Regulations are in place that restrict trawling in certain areas, to prevent potential depletion of prey for endangered Steller sea lions.
				Most of the fishery is conducted by midwater, or pelagic, trawls, and therefore impacts on the seabed are minimized. Several areas in the Gulf of Alaska (GOA) region are closed to trawling, in order to

388	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes	
	Alaska pollock Sea of Okhotsk Russia		Some Product Certified	B	pollock fishery. No PET species in the stock area are known to be decreasing in abundance.	Gillnets Pots & traps
	Albacore North Pacific United States; IATTC; WCPFC		Certified	B	This fishery has little or no impact on the benthic habitat.	Bottom trawls
	Albacore South Pacific United States; IATTC; WCPFC		Certified	B	Hook and line and pole and line fishing has very low bycatch associated with	Dredge Rake/hand-gathered
	American lobster Gulf of Maine and Bay of Fundy United States		Certified	B		ed Pole & line



































































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Anchoveta Peruvian Northern-central stock Peru		Not Certified or in a FIP	B	Bycatch for this fishery is considered low. No direct impact on PET species. This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored. No impact on the benthic habitat.
Anchoveta Southern Peru/Northern Chile Peru		Not Certified or in a FIP	C	This is a reduction (fishmeal/fish oil fishery) with shared jurisidiction between Chile and Peru. The fishmeal and oil generally goes to feed aquaculture species. See footnote 9. Bycatch for this fishery is considered low. The fishery does catch PET species but these are generally released rapidly after capture. The anchovy plays a very important role in the food web for a wide range of species and the fishery is not managed with regard to its wider ecosystem impact. No impact on the benthic habitat.
Anglerfish nei European Union		Not Certified or in a FIP	C	See footnote 1. The fishery encounters many non-retained species, though these do not appear to be major bycatch component. The mortality rate of these species as a result of the fishery is not well documented. The impacts of the fishery on PET species and habitat are not known. This fishery relies on bottom trawling which impacts the benthic habitat. However, the anglerfish lives on sandy and muddy bottoms and the impact of bottom trawls on these kinds of habitats is likely to be much lower than on some other habitats. This fishery was previously MSC certified but is now suspended because it no
Atlantic cod Baltic Sea Eastern Denmark		Not Certified or in a FIP	C	This fishery was previously MSC certified but is now suspended because it no longer meets MSC requirements. Bycatch for this fishery is considered low. Impacts on PET species are considered low. There is a complex interaction between Baltic cod, sprat and herring and high harvesting rates have the potential for wider ecosystem impacts. The fishing gear does impact the benthic habitat. Designated reserve areas are protected but wider impacts are not fully understood.















































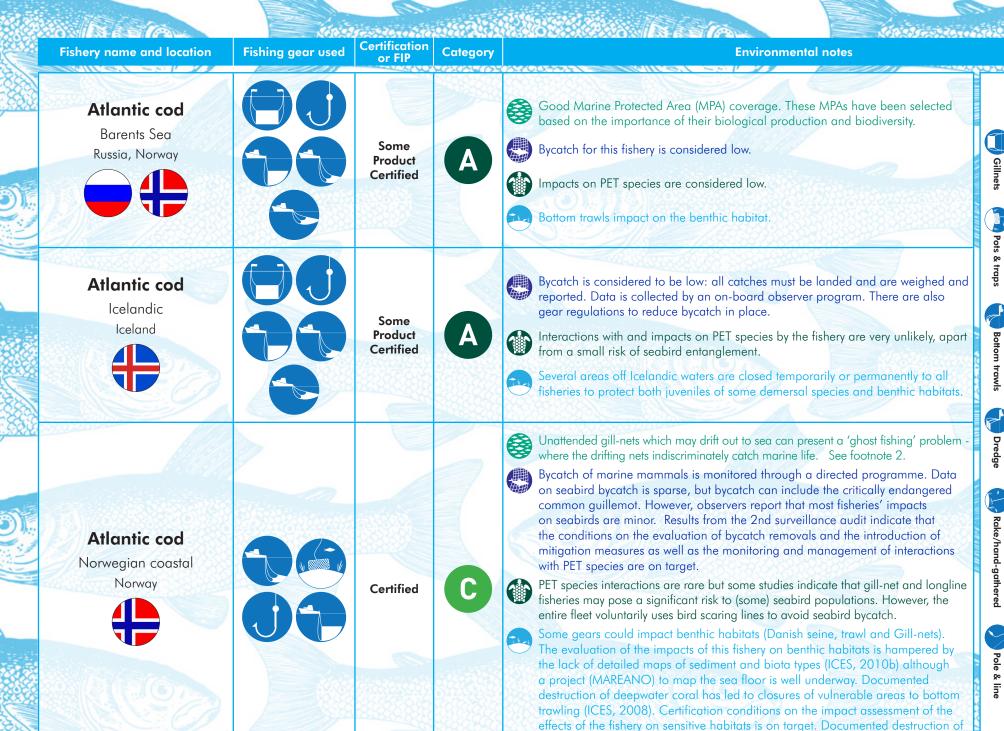












deepwater coral has led to closures of vulnerable areas to bottom trawling.

Purse seine

Gillnet

& threatened (PET) species

Midwater trawl

XX	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
100 No. 100 No	Atlantic herring English and Bristol Channels United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, no high risk issues have been indentified at this time.* Insufficient information available but unlikely to be high bycatch in a herring fishery. Insufficient information available but unlikely to be high risk for PET species. Insufficient information but unlikely to have an impact on the benthic habitat.
	Atlantic herring NE Atlantic Spring spawners Iceland, Russia, European Union, Faroe Islands		Certified	A	Bycatch for this fishery is considered very low. No direct impact on PET species. No impact on the benthic habitat.
と	Atlantic herring North Sea Autumn spawners Denmark, United Kingdom, Norway		Certified	A	Indirect effects of the fishery on the ecosystem not considered significant, although available research is still limited. Bycatch rates are very low and are not affecting the status of other fished species. A self-sampling and reporting system for bycatches, including PET species, is in place. Impacts on PET species are considered low. No impact on the benthic habitat.
	Atlantic herring West of Scotland United Kingdom		Certified	N/A	Bycatch for this fishery is considered very low. No direct impact on PET species. No impact on the benthic habitat.

Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Atlantic lobster South Gulf of St Lawrence Canada		Some Product Certified	B	Fishing takes place in an area with Marine Protected Areas (MPAs). Habitat impacts are thought to be low. Impacts on PET species are considered low. Unlikely to have any significant impact on the benthic habitat.
Atlantic mackerel North-East Atlantic Spain, United Kingdom, Denmark		Not Certified or in a FIP	C	Bycatch for this fishery is considered low. Mackerel is an important food source for various marine mammals but no information could be obtained on the indirect effects of removal of a preferred prey species from the wider food web. Pelagic gear does not impact on the benthic habitat.
Common cuttlefish English channel United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. See footnote 1.
Common dab Celtic Sea and English Channel European Union		Not Certified or in a FIP	N/A	See footnote 1. Possibly some interaction with skates and rays. Bottom trawls impact on the benthic habitat.





























































XX8	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
	Common octopus Stock units undefined United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.* See footnote 1.
	Edible crab East Coast Scotland United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* See footnote 3. Bycatch is low with pots & traps. Unlikely to impact PET species. Unlikely to have significant impacts on the benthic habitat.
	Edible crab Orkney United Kingdom		Not Certified or in a FIP	N/A	This fishery is a pot and trap ('creel') fishery that relies on gear resting on the seabed and attached by ropes to floats on the surface for recovery purposes. The gear catches a mixture of target species. Bycatch is low. Some reports of impacts on PET species through entanglement with float lines. Unlikely to have any significant impact on the benthic habitat.
	Edible crab South Minch United Kingdom		Not Certified or in a FIP	N/A	See footnote 3. Bycatch for this fishery is likely to be low. Unlikely to have many PET impacts although entanglement with float lines is always a risk. Unlikely to have any significant impact on the benthic habitat.

Gillnets

Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes	
European anchovy Aegean Sea General Fisheries Commission for the Mediterranean (GFCM)		Not Certified or in a FIP	N/A	See footnote 9.	Gillnets Pots &
European anchovy Black Sea European Union		Not Certified or in a FIP	N/A	See footnote 9.	ots & traps Bottom trawls
European hake North-East Atlantic northern stock United Kingdom		Some Product Certified	В	See footnote 1. There are some impacts on PET species and habitat associated with this fishery but the level (intensity) of the environmental effects varied with gears and areas.	Dredge Rake/hand-gath
European pilchard Bay of Biscay, Southern Celtic Seas and English Channel United Kingdom		Certified	В	Bycatch for this fishery is considered low. Impacts on PET species are considered low. Unlikely to have any significant impact on the benthic habitat.	thered Pole & line

Gillnets

Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
European pilchard North-West Africa central Morocco		Not Certified or in a FIP	C	Purse seine is generally considered a low impact gear in terms of bycatch. No estimates of interactions of the fishery with PET species are available, but within the reportedly susceptible groups of dolphins and turtles, no dolphin species in the region is known to be endangered, and turtles are usually released alive from purse seine used by the fishery. Purse seine is generally considered a low impact gear in terms of impact on the benthic habitat.
European plaice Eastern Channel United Kingdom		Not Certified or in a FIP	В	Low bycatch but concerns over discarding of undersize juveniles. No direct impact on PET species. This fishery has significant impacts on the benthic environment although generally on soft bottoms which may be resilient to disturbance.
European plaice Icelandic Iceland		Not Certified or in a FIP	B	Several levels of closure areas are in place (temporal, seasonal and permanent) to protect spawning areas and vulnerable habitats. The seabed is being mapped by the Icelandic Marine Research Institute. The impact of the fishery is being monitored but the influence is not yet fully understood. Bottom trawls impact the benthic habitat.
European plaice Irish sea United Kingdom		Not Certified or in a FIP	В	There is bycatch of a range of species associated with this fishery but quantities are not known.





























































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmento	al notes
European plaice North Sea and Skagerrak United Kingdom, Netherlands		Some Product Certified	A	Bycatch and discarding, along with impact on PET s recorded. Bottom trawls impact on the benthic habitat.	Gillnets
European plaice Western Channel United Kingdom		Not Certified or in a FIP	В	Interactions with sharks are a cause for concern. Interactions of this demersal mixed fishery with vulne and rays) are considered high. Bottom trawls impact on the benthic habitat.	Pots & traps erable elasmobranchs (skates
European seabass North and Celtic Seas and English Channel European Union, United Kingdom		Not Certified or in a FIP	C	A decision was made in late 2015 to suspend purch of the challenges the fishery was facing. Bycatch data is not systematically collected but bycatishery.	
European sprat English Channel United Kingdom		Not Certified or in a FIP	C	Further information on bycatch species is required, by relatively clean in terms of bycatch. Risks of ghost fiss Direct impacts on PET species are considered to be impacts via competition for sprat is underway. This fishery primarily operates with midwater trawls, impact on the benthic habitat.	out this fishery is considered shing are also low. unlikely; research on indirect





























































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Giant tiger prawn Stock units undefined Nigeria		Not Certified or in a FIP	N/A	See footnote 4. There is a high proportion of bycatch in shrimp trawling fisheries but there is no current available data about the species caught, or the quantity of bycatch. Turtle Excluder Devices are used to reduce the interaction with marine turtles, but the overall effect of trawling on PET species is not known. The effect of trawling on the benthic habitat is unknown.
Goldstripe sardinella Stock units undefined Thailand		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.* See footnote 5.
Great Atlantic scallop Western English Channel United Kingdom		Not Certified or in a FIP	N/A	See footnote 6. Dredges have significant negative effects on the sea floor and associated communities but specific impacts are unknown.
Grooved carpet shell Stock units undefined France		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.*









































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XXX	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environment	al notes
	Gurnards, searobins nei United Kingdom		Not Certified or in a FIP	C	See footnote 1. Several bycatch species are depleted and/or threat themselves bycatch in a mixed fishery. Bottom trawling's effects on benthic habitats are ge impacts due to the fishery are not known.	<u> </u>
	Haddock Barents Sea Faroe Islands, France, Norway, Russia		Some Product Certified	A	Reasonably good Marine Protected Areas (MPA) co importance of their biological production and biod. There is still insufficient information (particularly get on PET species but no reported evidence of significe endangered species. Trawls are known to impact the hard bottom ecosys on the soft bottom is very limited.	ar-specific) regarding impacts ant interactions with any
	Haddock Icelandic Iceland		Some product certified	B	Bycatch is considered to be low: all catches must be and reported. Data is collected by an MRI observer regulations to reduce bycatch in place. Interactions with and impacts on PET species by the from a small risk of seabird entanglement. Several areas off Icelandic waters are closed temporarisheries to protect both juveniles of some demersal	e landed and are weighed program. There are also gear fishery are very unlikely, apart prarily or permanently to all
	Haddock North Sea Denmark, United Kingdom		Certified	B	Bycatch of non-commercial species which are imported requires further study as to its consequences. The fishery might interact with some protected speciand spotted ray. However, some protective manage introduced. Bottom trawls impact the benthic habitat. Corals re	ies, such as blue skate ement measures have been













Bottom trawls impact the benthic habitat. Corals reefs are protected in areas closed to all bottom-towed fishing gears in Norway.





























































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Haddock South-West of Ireland and English Channel United Kingdom		Not Certified or in a FIP	C	None of the cetacean, seal or seabird populations are currently known to be at risk. Monitoring programmes are in place to evaluate the current situation. The discarding of a variety of fish species is widespread. Bottom trawls impact the benthic habitat. There is concern over the impact of demersal fishing on the benthic habitat in this fishery.
Haddock West of Scotland United Kingdom		Not Certified or in a FIP	A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* Bottom trawls impact on the benthic habitat.
Inshore squids nei United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.* See footnote 1.
Japanese threadfin bream Stock units undefined Indonesia		Not Certified or in a FIP	C	The impact of this fishery on the stock is probably high because there are few efforts to discriminate between juveniles and adult bream and spawning areas are not adequately protected. See footnote 10. Trawl fisheries have been reported to catch turtles and marine mammals off the Indian coast although there is no specific data for this fishery.
John dory Stock units undefined United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* See footnote 1. John Dory lives on sandy and muddy bottoms near rock outcrops which limits potential damage by Bottom trawls. The fishery is not believed to pose a high environmental risk.

Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Lemon sole Icelandic Iceland		Not Certified or in a FIP	B	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.*
Lemon sole North Sea and Eastern English Channel United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* See footnote 11.
Lemon sole Western English Channel United Kingdom		Not Certified or in a FIP	C	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.*
Mitre squid Stock units undefined Thailand	0	Not Certified or in a FIP	N/A	Rake/hand-gathered
Northern prawn Atlantic Canada Canada		Certified	B	Bottom trawls impact on the benthic habitat. Available information suggests that shrimp fishing occurs in less sensitive benthic habitats, and therefore the impact of the fishery is minor.





























































ishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Northern prawn Barents Sea Norway		Certified	C	No reports of interactions of the fishery with PET species could be located, despite Norway having initiated a programme to monitor marine mammal bycatch in 2004 (ICES, 2010b). Information is scarce on the benthic habitat types of the Barents Sea, which impedes the assessment of the fishery's effects and the determination of what constitutes acceptable levels of fishing (ICES, 2010b) although research is underway.
Northern prawn Icelandic offshore Iceland		Not Certified or in a FIP	C	The impact of the fishery on PET species is not specifically known. Bottom trawls impact on the benthic habitat. There are area closures for bottom trawling but the specific impact of this fishery on the seabed (on cold water corals sponges etc) is unknown.
Northern prawn West Greenland Canada, Greenland		Certified	B	Insufficient information available on this fishery. However, no high risk issues have been indentified at this time.*
Norway lobster Eastern Irish Sea United Kingdom		Not Certified or in a FIP	C	See footnote 12. PET species are not impacted by the fishery and the habitat structure and function is not undermined.
Norway lobster Fladen Ground United Kingdom		Not Certified or in a FIP	C	See footnote 12. PET species are not impacted by the fishery and the habitat structure and function is not undermined.































































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***	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environment	al notes
	Ocean shrimp California-Oregon- Washington United States		Not Certified or in a FIP	N/A	Bottom trawls impact on the benthic environment. E unknown.	Midwater fraw
	Ocean shrimp Western coast of North America Canada		Not Certified or in a FIP	N/A	Bottom trawls impact on the benthic environment. E unknown.	Pots & traps
	Ornate threadfin bream Gulf of Thailand Thailand		Not Certified or in a FIP	C	See footnote 5. This fishery has problematic bycatch of vulnerable s Bottom trawls will impact the benthic habitat.	Dredge Seine
	Pacific cod Bering Sea and Aleutian Islands United States		Not Certified or in a FIP	A	Management measures are in place to limit impacts Steller sea lions and some seabirds. These efforts us ensure they work as intended. Bottom trawls impact on the benthic environment. E unknown.	s on PET species, including ndergo periodic review to

388	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environment	ıl notes
	Pacific cod Gulf of Alaska United Stated		Not Certified or in a FIP	A	Management measures are in place to limit impacts Steller sea lions and some seabirds. These efforts ur ensure they work as intended. Bottom trawls impact on the benthic habitat, but the protected areas in place.	
	Pacific cod West Bering Sea Russia		Not Certified or in a FIP	N/A	Bycatch believed to be an issue but insufficient information. The trawl component of this fishery is not believed to PET species. Bottom trawls impact on the benthic environment but of this unknown.	o significantly impact upon the ecological significance
K55%	Patagonian scallop Stock units undefined Argentina		Certified	B	Unlikely to have a significant impact on PET species Bottom trawls impact on the benthic habitat, however mud, meaning there is little or no impact on animal grow. A rotational harvest scheme is under developed.	er scallops reside on soft s requiring hard bottom to
	Peruvian calico scallop Peruvian Peru		Not Certified or in a FIP	C	No bycatch. No direct impact on PET species. No impact on the benthic habitat.	Rake/hand-gathered
12000	Pink salmon East Pacific: Alaska United States		Not Certified or in a FIP	C	There is bycatch of Canadian sockeye stocks in the fishery, including some stocks of regulatory concern	

Hook & lines







































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333	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmenta	l notes
	Pink salmon East Pacific: Annette Islands Reserve Alaska United States		Certified	A	There are no concerns regarding fishery environment time.*	tal impacts to report at this Midwater trawl
	Pink salmon East Pacific: British Columbia Fraser River Canada		Certified	В	This fishery is not believed to pose a high environment A more robust bycatch monitoring program for steeling necessary.	
	Pink salmon East Pacific: British Columbia Inner South Coast Canada		Certified	В	The fishery is not believed to pose a high environmer authorities must take a closer look at the impact of so associated sea lice on the pink salmon stocks of the Studies should be conducted to determine whether a	almon farming and Broughton Archipelago.
	Pink salmon East Pacific: British Columbia North-Central Coast and Haida Gwaii Canada		Certified	В	This fishery is not believed to pose a high environme. The live release discard policy in place in this fishery commercial fishermen: there is significant mortality o bycatch stocks. A more robust bycatch monitoring p chum is required.	ntal risk.* is not being followed by all of non-target chum and other

Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes	
Pink salmon East Pacific, Cook Inlet, Alaska United States		Certified	A	This fishery is not believed to pose a high environmental risk.*	Midwy Gillnets
Pink salmon East Pacific: Norton Sound Alaska United States		Certified	B	This fishery is not believed to pose a high environmental risk.*	ater trawl Hook & lines
Pink salmon East Pacific: Southeast Alaska United States		Certified	A	There is bycatch of Canadian sockeye stocks in this fishery that includes some stocks of regulatory concern.	Long lines officer to the contract of the cont
Pink salmon East Pacific: Westward Alaska United States		Certified	В	This fishery is not believed to pose a high environmental risk.*	Seine nets Purse seir
Pink salmon West Pacific: Iturup Island Sakhalin Russia		Certified	A	This salmon fishery is supported by hatcheries and there is ongoing scientific work to understand the potential impacts of these activities. Bycatch not believed to be significant. No direct impact on PET species. No impact on the benthic habitat.	re Gillnets rd Pole & line

































































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes	
Pink salmon West Pacific: Northeast Sakhalin Russia		Certified	В	MSC certification is suspended. This fishery is supported by hatcheries but impacts are believed to be small. No direct impact on PET species. No impact on the benthic habitat.	Gillnets
Pollack Celtic Sea and West of Scotland United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* Midwater trawls do not impact the benthic habitat.	Pots & traps Bottom trawls
Pouting Stock units undefined United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* See footnote 1.	Dredge Rake/hand-gathered
Queen scallop Irish Sea and off Northern Ireland United Kingdom		Not Certified or in a FIP	N/A	Special Areas of Conservation are established around the UK where dredges and trawls are forbidden. Fishing gears may have biological impacts and physical effects on the ecosystem which depends on the type of habitat used by queen scallops – sand, sandy gravel and mud, maerl or mussel beds. Trawling is expected to cause less damage on the seabed ecosystem than dredging.	nered Pole & line

































































XXX	Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
	Raja rays nei Irish Sea, Bristol Channel, Western English Channel and NW Scotland European Union		Not Certified or in a FIP	N/A	The fishery is not believed to pose a high environmental risk. However, very little to nothing is known about this fishery's specific impacts. There is a Seafish skates and rays working group and UK retailers follow their recommendations regarding responsible sourcing of particular species. See footnote 7.
	Shallow-water Cape hake South African stock South Africa		Certified	A	Bycatch makes up around 20% of total catches in the hake trawl fisheries. Mitigation measures have been implemented in the fishery to reduce seabird bycatch. No PET species are deemed significantly affected by the fishery, though there have some concerns over the interaction with some species of seabirds. Vulnerable species of sharks and skates are also taken. Bottom trawls impact on the benthic habitat. Research on impacts is on-going, and marine protected areas (MPAs) designed to protect all substrate types are being established.
	Short-finned eel New Zealand and South East Australia New Zealand		Not Certified or in a FIP	N/A	Different areas of Lake Ellesmere are closed to the commercial eel fishery. No direct impact on PET species. No impact on the benthic habitat.
	Skipjack tuna Eastern Atlantic ICCAT	0	FIP (B)	В	See footnote 8. Bycatch is usually low with hook and lines. There is no impact on the benthic habitat.



























































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Skipjack tuna Eastern Pacific Eastern Pacific Ocean (EPO)		Not Certified or in a FIP	B	See footnote 8. There is bycatch of a range of species, but inadequate data on levels and rates for sensitive species in this fishery. There is no impact on the benthic habitat.
Skipjack tuna WCPFC		FIP (E)	B	See footnote 8. Bycatch is usually low with hook & lines. Longlines have the potential to accidentally catch turtles, sharks, seabirds and other non-target species. No impact on the benthic habitat.
Snappers nei Stock units undefined Sri Lanka		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.* No impact on the benthic habitat.
Sockeye salmon East Pacific, Alaska United States		Not Certified or in a FIP	C	Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.* No impact on the benthic habitat.
Sockeye salmon East Pacific: Bristol Bay Alaska United States		Certified	A	No significant bycatch apart from other salmon species which are retained. No direct impact on PET species. No impact on the benthic habitat.

































































Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
Sockeye salmon East Pacific: British Columbia Canada		Certified	В	May potentially have some impact on PET seabird species. No impact on the benthic habitat
Surmullet NE Atlantic Southern stock United Kingdom		Not Certified or in a FIP	N/A	Insufficient information available on this fishery.* See footnote 1. Bottom trawls impact the benthic habitat.
Swordfish Indian Ocean Sri Lanka		Not Certified or in a FIP	C	There is documentation of problematic bycatch of vulnerable species groups in Sri Lanka gillnet and pelagic longline fisheries.
Swordfish South Pacific Panama		Not Certified or in a FIP	B	There is bycatch of other species including sharks. There are recorded impacts on PET species, particularly turtles and seabirds. No impact on the benthic habitat
Swordtip squid Vietnam Vietnam		Not Certified or in a FIP	N/A	Insufficient information available.

Purse seine

Gillnets

Yellowfin tung

Western and Central Pacific WCPFC.





B FIP (E)



See footnote 8



Bycatch is usually low with hook & lines. There is limited data available on levels and rates of bycatch of sensitive species groups in this fishery. Best practices for bycatch reduction for many species (i.e. sea turtles and sharks) have not been adopted. Hook & line fisheries likely have nominal bycatch.

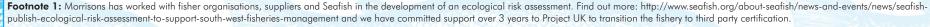


Longlines have the potential to incidentally capture vulnerable species including sea birds and sea turtles. Hook & line fisheries are not known to interact with sensitive species groups, including seabirds, sea turtles, and marine mammals.



No impact on the benthic habitat.





Footnote 2: Morrisons works closely with its suppliers to ensure that while the fishery is coastal, the product sourced is not from the sensitive coastal waters but further offshore.

Footnote 3: Morrisons has started an improvement project with fellow retailers to address the challenges and data deficiency in this fishery.

Footnote 4: Morrisions is aware of the challenges within this fishery. It works closely with the suppliers to ensure the product it sources from the shrimp fishery is mature and above weight requirement and this has been independently verified.

Footnate 5: Morrisons is active in the Shrimp Sustainable Supply Chain Task Force which is supporting the Thai industry and Government to address issues of illegal fishing and poor fisheries management.

Footnote 6: Funding has been provided to a Bangor University PhD project which allowed assessment of the seabed impacts of the fishing method and we have committed support over 3 years to Project UK to transition the fishery to third party certification.

Footnate 7: Morrisons is a partner in the Shark By-Watch UK 2 project, and works with the North Devon Fishermen's Association to investigate survivability of rays if catches exceed a uota and to better understand the structure of local ray stocks.

Footnote 8: Morrisons has a firm commitment that all of its tuna supplying vessels are registered on the ISSF Proactive Vessel Register (PVR) which independently verifies that the fishing practices of the boat meets the regional fishery requirements. In 2015 Morrisons began to directly support ISSF in their advocacy to Governments to improve their tuna fishery management controls.

Footnote 9: This is a reduction fishery and is used to feed farmed fish. In 2015 we asked our suppliers to report reduction fisheries in use in our supply chains so that we can start to support improvements where needed.

Footnote 10: The purchasing of this species was stopped in 2014 but the stock continued to sell through into early 2015.

Footnote 11: We have committed support over 3 years to Project UK to oversee the transition of the the fishery to third party certification.

Footnote 12: Morrisons is aware of issues with the management plans for this fishery. Our decision to purchase this product is based on the opportunity it provides us to advocate for proposed management plans to be adopted via our supply chain.

Regional Fishery Management Organisations

IATTC - Inter-American Tropical Tuna Commission

WCPFC - Western & Central Pacific Fisheries Commission

ICCAT - International Commission for the Conservation of Atlantic Tunas

IOTC - Indian Ocean Tuna Commission

















(PET)























Pole & line

