Correspondence with the U.S. Government on the Killing of Marine Mammals by Salmon Farmers:

From: Don Staniford [mailto:salmonfarmingkills@gmail.com]
Sent: 16 September 2012 11:20
To: 'jane.lubchenco@noaa.gov'
Cc: 'justin.kenney@noaa.gov'; 'connie.barclay@noaa.gov'; 'TheSec@doc.gov'; 'kgriffis@doc.gov'
Subject: RE: Complaint re. killing of seals & sea lions and MMPA

Further to previous correspondence, please find damning new information revealing how only 13% of Scottish salmon farms have anti-predator nets installed on site (a further 7% have anti-predator nets in storage).

This information was obtained via FOI from the Scottish Government agency Marine Scotland and detailed the following:

2011/12 Survey - Anti-Predator Nets
A total of 13% of fish farms actively use anti-predator nets and a further 7% have anti-predator nets in storage to use if they have a particular problem making 20% in total (36 out of 175 responses). A number of reasons were offered for not using such nets but the most significant by far at 70% was related either solely or partly to possible impacts on wildlife.

![Survey results showing reasons fish farms did not use Anti-Predator Nets](image)
The Scottish Government also refused to name the companies concerned. GAAIA has now appealed to the Scottish Information Commissioner asking that all companies who are failing to install anti-predator nets are named.

Read the FOI correspondence with Marine Scotland and appeal to the Scottish Information Commissioner online here

In conclusion, it is clear that the vast majority of Scottish salmon farmers are shooting seals not as a last resort as they claim but more as a first resort. Hence, GAAIA reiterates our view that the US Government should ban imports of ALL Scottish farmed salmon – certainly until any such time that that the 13% of Scottish salmon farms adopting non-lethal marine mammal protection measures are identified.

For more information read the ‘Killing Farms’ and ‘Killer Panda’

Thanks,

Don Staniford

Global Alliance Against Industrial Aquaculture

Dr. Jane Lubchenco
Under Secretary of Commerce for Oceans and Atmosphere
National Oceanic and Atmospheric Administration
Department of Commerce
1401 Constitution Avenue, NW
Room 5128
Washington, DC 20230
United States of America

14th June 2012

**RE: Complaint re. killing of seals & sea lions and MMPA**

Further to the complaint filed on 5th October 2011 (see below – the letter is also available online here), please find new information from Scotland on the killing of seals by salmon farming companies.

For first time, the Scottish Government has named those companies responsible for killing seals – including many companies who currently export farmed salmon to the United States.

The information on the number of seals killed during 2011 reveals the following companies responsible for over 200 dead seals:

Hjaltland Seafarms Ltd - 50
The Scottish Salmon Co Ltd - 45
Data for 2012 reveals over 80 dead seals already this year:

The Scottish Salmon Company – 21
Scottish Sea Farms Ltd - 17
Hjaltland Seafarms Ltd - 15
Meridian Salmon Group - 13
Marine Harvest (Scotland) Ltd - 9
Loch Duart Ltd - 5
Dawnfresh Farming Ltd – 1

Save Our Seals Fund also wrote to you in March reiterating concerns in Scotland regarding the killing of seals. John Robins, secretary of Save Our Seals Fund, wrote in his letter:

"Scottish salmon farmers are allowed to shoot and kill seals which come near their farms. This is far less expensive than installing and maintaining the high tensioned, high strength external anti-predator nets required to exclude marine mammals from salmon farms. Only 20% of Scottish salmon farms have any form of anti-predator exclusion nets in place. Instead farmers rely on the Scottish Government giving them licenses to shoot seals. In 2011 farmers were permitted to kill 1,298 seals. This year they can kill up to 1,100 seals. The true figure of seals killed will never be known as the Scottish Government does not police the situation. Farmers employ their own shooters and complete and return their own figures for the number of seals shot......I urge you to use section 102(c)(3) of the U.S. Marine Mammal Protection Act to ban the import of Scottish Atlantic Salmon into the USA. By doing so you would force salmon farmers here to install proper anti-predator nets thus protecting Scotland’s internationally important seal population" (read the letter in full online here).

The Scotsman also reported (7 March) on the killing of seals quoting a marksmen called 'Dave' (not his real name): "On some sites you shoot from the cages, or on a boat – you do it from the best place possible. As a rule you try to get high, and no more than 120 metres away."

Seal Scotland reported earlier this month that: "In the first year of the government’s new seal licensing system they claim that 461 seals have been shot. The latest annual figures which cover the period from 31 January 2011 to 31 January 2012 can be found at Licences & Returns: 2011. The government claims this is a success story, that these figures are far lower than the 3,000 seals that environmental groups had claimed were being killed each year. In fact a Freedom of Information request shows that the number of seals reported to the government as being shot over the three years before licences were introduced was 66, 34 and 10": http://www.sealscotland.com/2012/06/461-seals-legally-murdered-for-fish-farm-and-sporting-estate-profits/
The Scottish Government publishes data online via:
http://www.scotland.gov.uk/Topics/marine/Licensing/SealLicensing

Please note also that the killing of both seals and sea lions continues in British Columbia.

Just this week it was revealed that another seal was killed at a farm operated by the Norwegian-owned company Grieg Seafood – read "Another sea lion drowns at Grieg farm"

In February this year it was also reported that Grieg was being charged for the deaths of dozens of marine mammals: http://www.farmedanddangerous.org/salmon-farming-problems/environmental-impacts/marine-mammal-deaths/


In Chile too, the killing of sea lions is attracting increasing attention:
http://www.biobiochile.cl/2012/04/19/presentan-100-mil-firmas-para-impedir-plan-que-facilita-la-caza-de-lobos-marinos.shtml

Read more details via: http://www.soslobosmarinoschile.cl/sos_lobosmarinos/index.php

Further details concerning the killing of marine mammals by salmon farms are available online via: http://salmonfarmingkills.com/killing-farms

Have you taken any action since our letter?

Now that you have company specific information will you be taking action against those companies responsible for killing marine mammals?

A reply would be much appreciated.

Thanks,

Don Staniford, Global Alliance Against Industrial Aquaculture
Mr. John F. Robins
Secretary, Save Our Seals Fund
P.O. Box 56178
Dumbarton GB2 5YJ
United Kingdom

Dear Mr. Robins:

Thank you for your letter to Under Secretary Jane Lubchenco regarding reports of seals killed near aquaculture farms in Scotland and your request that the United States ban the import of farmed salmon from such facilities under section 102(c)(3) of the Marine Mammal Protection Act (MMPA).

The MMPA prohibits the intentional killing of marine mammals in commercial fishing operations, which includes aquaculture farms. Specifically, section 101(a)(2) of the MMPA (16 U.S.C. 1371(a)(2)) states that "the Secretary of the Treasury shall ban the importation of commercial fish or products from fish which have been caught with commercial fishing technology which results in the incidental kill or incidental serious injury of ocean mammals in excess of United States standards."

Section 102 (c)(3) states that it is unlawful to import into the United States "any fish, whether fresh, frozen, or otherwise prepared, if such fish was caught in a manner which the Secretary has proscribed for persons subject to the jurisdiction of the United States, whether or not any marine mammals were in fact taken incident to the catching of the fish."

In 2010, NOAA’s National Marine Fisheries Service published in the Federal Register an advance notice of proposed rulemaking (ANPR: http://edocket.access.gpo.gov/2010/pdf/2010-10158.pdf) announcing that we were developing a proposed rule to establish the standards that would determine which commercial fish products would be eligible for importation and deemed in compliance with these import provisions of the MMPA. This rulemaking would define the "United States standards" referred to in MMPA section 101(a)(2), along with any associated criteria by which the United States would assess foreign fisheries that supply fish and fish product imports to the United States. The rule also would describe procedures for ensuring the established standards and their associated criteria are met, as well as procedures for developing recommendations regarding import prohibitions if those standards and associated criteria are not met.

The agency solicited public comments on the ANPR, and after considering public comments drafted a proposed rule, which is now going through interagency review. Once the proposed rule
Dr. Jane Lubchenco  
Under Secretary of Commerce for Oceans and Atmosphere  
National Oceanic and Atmospheric Administration  
Department of Commerce  
1401 Constitution Avenue, NW  
Room 5128  
Washington, DC 20230  
United States of America  

Tuesday, 13 March 2012  

Dear Dr. Lubchenco,  

I was a signatory to the joint letter headed “Killing of seals and sea lions at salmon farms – breach of MMPA” sent to you on 5th October 2011. I believe we are still awaiting a response to that letter.  

That letter asked you to use the U.S. Marine Mammal Protection Act (MMPA) to ban the import into the USA of salmon from producers who shoot marine mammals. In particular I believe that section 102(c)(3) of the MMPA can be used to impose an import ban on products from salmon farmers engaging in lethal deterrence of seals and other marine mammals. In addition to the clear prohibition under section 102(c)(3) against importation of fish from salmon farms where seals are shot, it is also possible that this activity may fall within the scope of section 101(a)(2) of the MMPA and related import restrictions.  

I write to you again to inform you that Scottish salmon farmers have just announced a huge increase in the amount of salmon they sell to your country. In 2011 exports of fresh farmed salmon from Scotland to the United States rose by 36% to 43,703 tonnes. In addition smaller quantities of frozen and smoked Scottish salmon crossed the Atlantic to the U.S. bringing the total value of these exports to £211 million. Scotland is now the biggest foreign supplier of farmed Atlantic salmon to the USA.  

One of the reasons for this may be that, unlike salmon farmers in your own country, Scottish salmon farmers are allowed to shoot and kill seals which come near their farms. This is far
less expensive than installing and maintaining the high tensioned, high strength external anti-predator nets required to exclude marine mammals from salmon farms. Only 20% of Scottish salmon farms have any form of anti-predator exclusion nets in place. Instead farmers rely on the Scottish Government giving them licenses to shoot seals. In 2011 farmers were permitted to kill 1,298 seals. This year they can kill up to 1,100 seals. The true figure of seals killed will never be known as the Scottish Government does not police the situation. Farmers employ their own shooters and complete and return their own figures for the number of seals shot.

By not having to meet the stringent wildlife protection standards required of salmon farmers in the USA, Scottish salmon farmers have a distinct financial advantage over your own salmon growers.

I urge you to use section 102(c)(3) of the U.S. Marine Mammal Protection Act to ban the import of Scottish Atlantic Salmon into the USA. By doing so you would force salmon farmers here to install proper anti-predator nets thus protecting Scotland’s internationally important seal population and the livelihoods of salmon farmers in the US who should not be penalised for meeting your excellent marine mammal protection laws.

Yours sincerely,

John F. Robins,
Secretary to Save Our Seals Fund

Dr. Jane Lubchenco
Under Secretary of Commerce for Oceans and Atmosphere
National Oceanic and Atmospheric Administration
Department of Commerce
1401 Constitution Avenue, NW
Room 5128
Washington, DC 20230
United States of America

October 5, 2011

Dear Dr. Lubchenco,

Killing of seals and sea lions at salmon farms – breach of MMPA

We, the undersigned, write regarding the lethal nature of salmon farming operations and a breach of the U.S. Marine Mammal Protection Act (MMPA"). Recent evidence in Canada and Scotland in particular provides damning evidence of the deliberate and systematic shooting of seals and sea lions – including the killing of Steller sea lions (protected under Species at Risk Act in Canada and listed as threatened under the U.S. Endangered Species
Act) earlier this year in the Clayoquot Sound UNESCO Biosphere Reserve in British Columbia.

The killing of marine mammals by salmon farming operations has now become the butt of jokes in Editorial cartoons. For example, the following cartoon was published in the Editorial of The Times Colonist newspaper in Canada on 16th September:

![Cartoon image]

And this cartoon was published in the Editorial of the Province newspaper in Canada on 18th September:
We, however, do not think the killing of marine mammals is a laughing matter or an issue to be taken lightly. The bad joke has gone on long enough and the killing must stop now.

In 2010, U.S. retailer Target announced that it would no longer sell farmed salmon from its stores. Until salmon farmers stop shooting seals and sea lions we urge other retailers to follow Target’s lead. Please don’t allow marine mammals to be used as a target for shooting practice.

The U.S. Government has a unique opportunity via the MMPA to step in and demand seal/sea lion-friendly salmon (following on from ‘dolphin-friendly tuna’). In 2005, a legal opinion obtained by the National Environmental Trust on ‘Prohibition on the Importation of Fish from Salmon Farms Where Seals Are Shot’ concluded that:

“The MMPA provides a strong and directly applicable legal tool to address this problem. Fish caught from the salmon farms operated by companies in foreign countries that engage in lethal deterrence is subject to the importation ban of section 102(c)(3). In addition to the clear prohibition against importation of fish from salmon farms where seals are shot under section 102(c)(3), it is possible that this activity may fall within the scope of section 101(a)(2) of the MMPA and the related import restrictions.”

Based on the continued killing of marine mammals, we therefore ask that imports of farmed salmon from those countries and companies sponsoring and sanctioning lethal controls be excluded from the U.S. market. We ask that the U.S. send a strong signal that the killing of marine mammals will no longer be tolerated, especially in relation to salmon farming operations which may market their products in the U.S. as ‘organic’, ‘sustainable’ and ‘responsible’. Chile, Canada, Norway and Scotland are the four largest export countries to the U.S. market – and in the first six months of 2011, USA imports of all salmon products totaled 132,870 tonnes worth US$ 1,175 million.
In Canada, the slaughter of seals on the East coast is common knowledge but on the West coast in British Columbia the killing of seals and sea lions including the protected Steller sea lion by salmon farms has received less public attention. Data published by the Department of Fisheries and Oceans Canada reported the killing of 6,243 seals and sea lions at salmon farms between 1989 – 2000\textsuperscript{viii}. The Canadian Government report – ‘Salmon farm – Pinniped Interactions in British Columbia: an analysis of predator control; its justification and alternative approaches’ - stated that:

“It should be noted that US legislation and regulations may have implications for fish farms in Canada. The US MMPA of 1972 as Amended, Sec. 102 (c) (3) states that: '[It is unlawful to import into the US] any fish, whether fresh, frozen, or otherwise prepared....This would seem to indicate that fish harvested from fish farms in a manner that would not be permitted in the US (by shooting seals and sea lions) might not be able to be sold in the US markets, but a legal interpretation is required to evaluate this\textsuperscript{ix}.

Data for 2001 to 2010 is not readily available but new data published by the Department of Fisheries and Oceans Canada for the first three months of 2011 reveals licensed killing of marine mammals as well as ‘accidental drownings’ on salmon farms in British Columbia\textsuperscript{x}. The \textit{Vancouver Sun} reported (16\textsuperscript{th} September) that:

“Between January and March, 37 harbour seals, 141 California sea lions and two Steller sea lions, which are of “special concern” under the federal Species at Risk Act, were shot and killed at fish farms, according to data posted on the DFO website. Three more harbour seals and a California sea lion drowned at the farms within the same period\textsuperscript{xi}.

For the first time, the names of the companies and sites responsible for the authorized killing of seals and sea lions were reported including EWOS Canada (Mainstream/Cermaq), Marine Harvest and Grieg Seafood\textsuperscript{xii}. Living Oceans Society reported in a press release dated 15\textsuperscript{th} September\textsuperscript{xiii} that:

“The world’s largest salmon farming corporation, Marine Harvest, was the worst offender. At the corporation’s Mahatta West farm in Quatsino Sound, 46 California sea lions were shot between January and March of this year while 19 were killed at their Mahatta East net-pen site and 15 at the Cleagh Creek farm. Eleven harbour seals were shot at the Phillips Arm farm in the Discovery Islands, near the Wild Salmon Narrows. Mainstream killed 47 California sea lions and also shot the two SARA-listed Steller sea lions at the company’s West Side farm in the UNESCO Biosphere Reserve in Clayoquot Sound”.

The killings prompted media interest and condemnation of the companies involved\textsuperscript{xiv}. PETA asked (22\textsuperscript{nd} September): “Did your salmon dinner kill a sea lion?”\textsuperscript{xv}

The killing of Steller sea lions in British Columbia also appears to contravene the Province of British Columbia’s own regulations which include\textsuperscript{xvi}: “Killing of predators is only allowed under specific circumstances and with appropriate permits. Lethal seal and sea lion control has decreased dramatically due to advances in predator-prevention practices. Lethal control of Steller sea lions is not permitted. In 2004, DFO replaced the Marine Mammal Predator Control Permit with the Nuisance Seal Licence Under the federal Fisheries Act, a “nuisance seal” includes a seal or sea lion that represents a danger to equipment (including aquaculture net-cages) despite deterrence efforts.”
One of the companies involved, Mainstream Canada (owned by the Norwegian company Cermaq), justified the killings by stating publicly via a press release (September 15th) that: “Culling marine mammals is only ever done as a last resort”; “Culling is only ever done under the Authority of our Aquaculture License issued by Fisheries and Oceans Canada (DFO), the agency also responsible for the management, including conservation and protection, of marine mammals in Canada” and “Provisions in the Pacific Aquaculture Regulations allow for DFO to license fish farms to cull marine mammals that pose an imminent danger to the aquaculture facility or human life, should reasonable deterrent efforts fail”.

The Vancouver Sun (16th September) reported: “Zero lethal interactions is our goal,” Ian Roberts, a spokesman for Marine Harvest, said in an email. Marine Harvest operates half of the fish farms in B.C., he said, adding that their high volume accounts for the higher number of kills. “We have now purchased additional protector nets to discourage these predators should they return next season,” Roberts said, adding that the first quarter spike in kills is “unusual.” “Disposing of these animals is a last resort,” said Mary Ellen Walling, the executive director of the B.C. Salmon Farmers Association. “We don’t take this lightly.” She said seals and sea lions are “very intelligent, and can be aggressive”.

An article – “A Practice that is Impossible to Defend” – published last week (30th September) in The Courier-Islander newspaper in Canada included:
“Considering that these corporate salmon farms are camped in the middle of a marine thoroughfare for migrating mammals - and wild fish, too - the obvious way to ensure "zero lethal interaction" would be to get their net-pens out of the ocean... Removing their net-pens from the natural habitat of unmanageable mammals while suffering the deprivation of less profitability must be a much more painful prospect than enduring the anguish of distributing sea lice, polluting, and killing seals and sea lions. And how many seals and sea lions? DFO's numbers are sobering. Of the 13 years reported, 1997 was the worst year for seals when 550 were killed - 500 were common at this time. The worst year for sea lions was 2000 when 250 were shot because they weren't "intelligent" enough to know that salmon farms are lethal. For anyone concerned with this bloodshed, the consolation is that those were only the most bloody years. The killing of 180 animals in 2011 - plus the four that drowned - is excused by the rise in their population, a defence that uses plenitude to justify slaughter.”

An Editorial – “A Smoking Gun is a Smoking Gun”xxi – also published last week (30th September) in The Courier-Islander stated:

“Between January and March of 2011 141 California sea lions, 37 harbour seals and two Stellar sea lions were killed by the fish farming industry because the animals were a problem around the open net cage fish sites. That's 180 animals in 90 days. Two a day..... Now, however, they are not just farm sites, they are killing fields”.

Writing in The Westerly News (29th September), Don Staniford askedxxii:

“Does anyone else feel that shooting seals and sea lions in a UNESCO Biosphere Reserve is simply wrong?..... The United Nations – which awarded Clayoquot Sound its status as a UNESCO Biosphere Reserve - should step in to keep the peace and stop the killing of hundreds of seals and sea lions each year.”

Yet salmon farming companies in British Columbia have consistently failed to avoid marine mammal mortalities. In 2007, Creative Salmon in the Clayoquot Sound UNESCO Biosphere Reserve were also named as being involved in sea lion deaths. The Canadian Pressxxiii reported that: “The nets of a salmon farm ensnared and drowned 51 California sea lions this month....So far this year, Creative Salmon has reported 110 drowned sea lions, up from 46 in 2006”.

In the same year, the strangling of a Steller sea lion in a salmon farm in the Broughton Archipelago attracted media coverage in both Canadaxxiv and Norwayxxv (where Norwegian-owned salmon farming company Cermaq is based). Shocking video footage of the strangled sea lion is available online via You Tubexxvi.

The killing of marine mammals by salmon farms has a long history. In 2002, an article stated that a single salmon farm in British Columbia accounted for the deaths of 431 harbour seals, 29 sea lions and one harbour porpoise in a 4-year periodxxvii.
In 2000, a mass grave of 15 sea lions was discovered by Friends of Clayoquot Sound in the Clayoquot Sound UNESCO Biosphere Reserve (watch video footage online).

In Scotland, too, the killing of seals has recently hit the headlines with licences to kill 1,298 seals issued for 2011 by the Scottish Government. Andy Ottaway, Director of the Seal Protection Action, said: “An average of over three seals shot every single day is too high a price to pay for Scottish Salmon...The Scottish Government and Salmon industry can and must implement better industry practices and technologies to end these seal killings which leave an indelible stain on the international image of both Scotland and Scottish salmon products.

*The Sun* reported in February this year under the headline “‘Boycott Salmon’ over seal killings” that: “Most of the licences have been given to fish farmers to stop seals breaking through nets to eat their salmon. Last night John Robins, of animal rights groups Animal Concern and Save Our Seals Fund, said: "I am furious that the Scottish Government has passed a death sentence on over a thousand seals. "The Government have lied to us over this. They said seal shooting would only be allowed as a last resort. "Marine Scotland have made
it official — if you buy Scottish salmon you pay for bullets to shoot seals. We are calling on the public to boycott Scottish salmon." A Scottish Government spokesman said: "The shooting of seals should always be a last resort."

However, the shooting of seals in Scotland is being used as a first not last resort with most salmon farms not using anti-predator nets. John F. Robins, Save Our Seals Fund, wrote in The Herald newspaper in May 2011: “The Scottish Government has admitted that not one salmon farm was visited prior to being granted a licence to shoot seals and Government figures show that 80% of the floating factory-fish farms given licences to shoot seals do not have anti-predator nets. Shooting seals is being used as a first resort, not a last resort”xxxii.

In August 2011, Shetland News reported that: “SSPCA officers raided Hoganess Salmon, near Walls, on Shetland’s west side after reports that seals had been killed illegally. They were supported by the local police and staff from Scottish Natural Heritage”xxxiii.

For Argyll reported in March 2011xxxiv that the slaughter involved the shooting of pregnant seals in the breeding season and stated:

“Why are salmon farmers shooting seals? Seals are intelligent animals and if they get the opportunity and there is only one net between them and the salmon they will, as David Ainsley of Sealife Adventures says: ‘push against that net and take lumps out of the salmon’.
So why can it be said that is it unnecessary to shoot seals? Because properly designed, installed and maintained double netted cages keep seals and salmon separated. To avoid drowning seals, otters, porpoise and birds, the outer nets must be of the same material and mesh size as the inner nets. And why does the industry not use double nets? Cost, of course. It is obviously cheaper to use single nets and bullets. But the industry is expanding, profitable and can afford to install these double nets.

Why, in an Act whose own guidancedeclaims that shooting seals should be a last resort, is there no obligation to use double nets and no penalty for failing to do so? Shooting seals as a last resort means that the farms must have tried the most effective non-lethal method (i.e. double nets) before they are granted a licence to shoot seals. But 80% of the salmon farms now granted licenses do not have double nets. We do not know why the government has failed to follow its own guidelines but we must act to try to get these licenses rescinded and the cull stopped”.

In 2010, The Ecologist reported in an article - “Fish farmers in Scotland killing estimated 2,000 seals a year” - that: “There is an on-going dispute over the number being killed. The salmon industry claims 489 seals were shot in 2008, but Ottaway states, ‘we think that’s a very conservative figure: we believe…aquaculture is probably responsible for 2-2,500 seals being shot’ per year”.

Photo: Mark Carter, Marine Concern: [www.marineconcern.com](http://www.marineconcern.com)

Shooting seals is cheap option - photo from Orkney Seal Rescue/SPAG
In 2009, *The Daily Telegraph* reported that: "Andy Ottaway, of the seal protection group, said: "The seal shooting takes place in very remote locations in sea lochs around Scotland and there are no witnesses, and under the law the industry doesn't even need to release the figures of the numbers they have killed. "We believe there is a mass slaughter of seals in Scotland, up to 5,000 each year"."xxxvi.

Mark Carter of the Hebridean Partnership told *BBC News* (5th April 2009) that: "We have got people who have actually witnessed the shooting on fish farms, and we have had several seals washed up with bullet holes in their heads. The problem is it is not just adults that find them - my children found one washed up on the beach in front of the house. We did an autopsy and the skull was completely shattered".xxxvii.

The Seal Protection Action Group (SPAG) in the United Kingdom have attempted to "encourage retailers to only stock ‘seal-friendly salmon’ by insisting formal contracts, with their suppliers stating that they will not shoot seals". According to SPAG: "In May 2008 two decapitated seals were found in the Kyle of Lochalsh. They were common seals, one a pregnant female the other a juvenile animal, both had been shot. Marine Harvest, a Norwegian owned company that operates over 25 fish farms in Scotland, admitted to the shootings".xxxviii.

Shooting of seals by salmon farmers in Scotland has been practised since the 1990s. A report – “In search of seal-friendly salmon farming” – published in 2009 stated that:

“Ross (1988) sent out 121 questionnaires in 1987, and received 51 returns from Scottish marine salmon farms. She found that shooting of seals occurred at 64% of salmon farm sites, and the estimated total number of seals shot at 30 farms in one year was 206 (i.e. an average of 4.4 seals per farm of 47 farms interviewed). Tangling in un-tensioned anti-predator nets was reported at 32 (68%) of 47 sites visited, with an estimate of 113 seals killed in this way (i.e. an average of 2.4 seals per site interviewed). Total annual mortalities by shooting and
entanglement for 157 marine farm sites active at the time were therefore estimated at about 1050 seals”.

In 2005, BBC News reported that: “Scotland's leading fish farm operator has been accused of recklessly shooting seals near one of its sites at Kyle of Lochalsh in the west Highlands. The concerns have been raised at its farm at Loch Alsh. Local tour boat operator Nigel Smith said he had evidence that seals were not being shot cleanly, with animals left to die of their wounds. He added that the killings were adversely affecting his wildlife tourist business”xli.

Writing in The Salmon Farm Monitor (December 2005), Nigel Smith said: “I might sympathise with an industry that needs to kill seals. Unfortunately, however, it allows the indiscriminate shooting of Scotland's wildlife without any proper controls”xlii.

Further evidence of the illegal shooting of seals in Scotland was published by The Salmon Farm Monitor in January 2006. Mark Carter wrote that: “I honestly believe that Scottish Sea Farms, the company involved in the slaughter and based at South Shian by Oban, engaged in what can only be described as a mass slaughter of seals. I estimate that the total number of seals shot in and around the Lismore SAC to be in excess of sixty”xliii.

Mark Carter's images of seals that have been shot

In December 2005, The Sunday Express reported that: “US Government officials are set to ban the import of Scottish salmon from fish farms where seals are shot. The move follows Scottish Sunday Express revelations that seals are being slaughtered in the sea around Skye. A secret cull is being carried out by marksmen for a multi-million-pound salmon giant in a bid to protect their fish stocks. Yesterday it was revealed that government lawyers in
Washington are studying a legal opinion warning that under the US Marine Mammal Protection Act it is illegal to sell fish produced on farms that shoot seals.**xliv**

In November 2005, *The Sunday Express* reported: “These latest killings are only the tiny tip of a massive iceberg. This slaughter of seals is a dark secret some in fish farming and fishing would no doubt prefer to remain hidden,” said Ross Minett, director of Advocates for Animals. "It is thought many thousands are shot around Scotland each year. This figure may well be considerably higher as many injured or dead animals sink and are never found.”**xlv**

In 2002, *The Sunday Herald* reported that: “The operator of an award-winning Shetland tourist attraction is to show videos of dead seals to all his passengers in a move aimed at denouncing the practices of the islands' salmon farmers. Jonathan Wills, whose Bressaboots business won the Tourism and Environment category of the Scottish Thistle Awards in 2001, took his decision just before Christmas after spotting a dead seal in a voe on the West of the Shetland mainland. It had been shot with a rifle in the head....“This is Shetland shooting itself in the foot,” he said. "Shetland's coastline has become grossly overdeveloped and I want the salmon farming industry in Shetland to recognise seals were there before they were. We are smart enough to stop seals getting into our salmon farms. They only have to use proper predator nets.”**xlvi**

In Chile, too, there is recent evidence of the deaths of sea lions due to salmon farm nets. *Wildlife Extra* reported in 2010 that: “The animals get caught in the protective nets surrounding the salmon farms when young and, even if they manage to free themselves, parts of the nets often remain stuck to the sea lions and suffocate them as they grow.”**xlvii**
In 2008, *The Patagonia Times* reported: “An Aysén tourism operator recently sent a letter to maritime authorities in Puerto Cisnes describing a dead sea lion discovered on Valle Marta beach, the environmental NGO Ecoceanos reported this week. “The body had two (12 calibre) bullet holes similar to the other 23 sea lion bodies found on the same beach over the past four years,” the letter read. The letter contained photographs of the dead animal, which was found with the remnants of a rope tied around its neck. Presumably the person who killed the sea lion tied rocks to it in order to sink the body. “If one considers that only a small number of the sea lion bodies come back to the surface after being sunk with rock-filled bags, it’s clear that this practice (of killing sea lions) has not stopped despite numerous complaints,” the letter went on to say.”

According to Terram (a Chilean NGO), thousands of sea lions in Chile, mostly males, die each year near salmon farms, shot by guards ordered to kill any spotted around salmon farms.
Sea lion with bullet holes in its back found in Aysén
Photo courtesy of Ecoceanos

Canada, Scotland and Chile are not the only countries where salmon farmers kill seals. In New Zealand in July this year it was reported by the Marlborough Express that a salmon farmer “admitted charges of possessing an offensive weapon, a galvanised steel pole, in a public place at Ohau Point, and wilfully ill-treating 23 seals by clubbing them to death”\(^1\).

In Maine, salmon farmers are prohibited from killing seals and sea lions under the MMPA. An article from 1996, for example, reported that:

“Salmon growers in Maine employ a variety of predator control measures-netting systems, underwater acoustic devices and pyrotechnics-but no battery of protections seems to be 100% effective. In the past, those seals who could defeat deterrence strategies would be targeted for lethal, removal. Recent amendments to the Marine Mammal protection Act (MMPA), however now prohibit the killing of depredating seals”\(^ii\).

We also note a 2003 report from SeaWeb which stated that: “Under the Marine Mammal Protection Act, salmon farmers in the United States are prohibited from shooting seals”\(^iii\). And a press release from the Pure Salmon Campaign in 2006 which stated that:

“Almost all farmed salmon is raised in open ocean pens. Consequently, seals and sea lions swim around these large nets looking for an easy meal. Salmon farmers routinely shoot and kill these marine mammals, animals that are strictly protected in the U.S.”\(^iv\)

The Pure Salmon Campaign also stated in 2007 that: “The Marine Mammal Protection Act in the United States forbids the harassment or killing of marine mammals and the U.S. can forbid the import of any product resulting in the death of marine mammals”\(^v\).

So, if the United States prohibits the shooting of seals and sea lions by salmon farmers in Maine or Washington State then why are salmon farmers in Canada, Chile, Scotland and Norway allowed to kill marine mammals and then export farmed salmon to the United States?

In view of ongoing evidence of marine mammal killings, we respectfully ask that the U.S. Government invoke the MMPA and prohibit the import of farmed salmon from salmon farms in British Columbia, Scotland and Chile.
Yours sincerely,

The Undersigned

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Kristine Tompkins, Conservation Land Trust and Conservacion Patagonia, Chile
Paul Watson, Sea Shepherd Conservation Society, United States of America

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iii The Province, 18th September 2011: http://www.theprovince.com/opinion/editorial-cartoons/images/20110918.jpg
v “dolphinsafe.gov/
vii “Chile is the largest salmon exporter to USA” (Fish Farming Xpert, 23rd September 2011): http://www.fishfarmingexpert.com/index.php?page_id=76&article_id=92543
x “Seal, sea lion kills by salmon farms rise with population” (The Vancouver Sun, 16th September): http://www.vancouversun.com/technology/Seal+lion+kills+salmon+farms+rise+with+population/5412129/story.html
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