



Oregon

Tina Kotek, Governor

Department of Fish and Wildlife

Fish Division

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Salem, OR 97302

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www.dfw.state.or.us/

2023 - SCIENTIFIC TAKING PERMIT - FISH



Permit Applicant: Ian Stewart
Organization: International Pacific Halibut Commission

Permit Number: 27389
Project Title: Longline Catch Protection Pilot Study
Dates Valid: 5/20/23-6/07/23

Federal Authorization: **NMFS LOA-35-2023 expires 6/07/23**

Principal Investigator: Claude L Dykstra Co-Investigator(s): Ian Stewart

PI Signature: Claude L Dykstra CI Signature(s): Ian J Stewart

Terms and Conditions of This Permit:

1. The Applicant/Permit Holder, Responsible Party, Principal Investigator, Co-Investigator, and all people working under their supervision shall at all times observe and comply with all federal and state laws, including the Endangered Species Act of 1973, as amended, and lawful regulations issued thereunder, which relate to threatened or endangered plant or animal species while performing activities described in the permit application. ODFW's approval of this permit does not certify that Permittee's activities described in its application are lawful under the federal ESA. Permittee's compliance with permit conditions is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act. General conditions of Oregon Revised Statutes and Oregon Administrative Rules apply to this permit that cannot be used in lieu of any permit required by federal law or regulation. Permission to sample in areas where federally protected fish may occur is contingent upon the permittee obtaining necessary authorization from the appropriate federal agency and acting in accordance with the conditions established by the federal government. If a condition on this permit conflicts with a condition on a federal permit or authorization, then the permittee must comply with the more restrictive condition.
2. This permit is not transferable and must be carried while collecting. The Principal Investigator and all Co-Investigators must sign their own copy of the permit.
3. Persons not named on the permit may assist in collecting only while accompanied by the Principal Investigator or Co-investigator(s) listed above.
4. Access to private property is contingent on the permission of the landowner. This permit does not authorize trespassing.
5. This permit is not valid in any refuge, park, city, wildlife area, or area closed to collection without written approval of manager or administrator. When collecting from state parks or the ocean shore, please contact Oregon Parks and Recreation Department to inquire about the need for a scientific research collection permit from them. Additionally, you may need a permit from OPRD if you will be collecting marine plants/seaweeds/kelps. <https://oprpermit.org/>
6. Sampling must be coordinated with local Oregon Department of Fish and Wildlife District Fish Biologists (contact list attached in permit). All requirements contained in the district biologist comments section of the application must be followed and you must notify them prior to sampling in their districts. Oregon State Police must also be notified prior to sampling, preferably by contacting local offices. http://www.oregon.gov/osp/Pages/contact_us.aspx or else the Northern (503-375-3555) or Southern

(541-776-6111) non-emergency dispatch after hours.

7. An annual activity/collection report associated with this permit must be submitted to ODFW by 31 December 2023, using the online application process available at <https://apps.nmfs.noaa.gov/>. Renewal of this permit is subject to receipt and approval by ODFW of the annual activity/collection report either prior to or in conjunction with the renewal application. All species handled must be recorded in the annual report for this permit.
8. May only conduct research and monitoring activities as described in all sections of the approved APPS application. Actual distribution of take among sites is authorized as described in the APPS application. All numbers of fish, shellfish and marine invertebrate as detailed in the take table within the approved APPS application are annual totals. **Take is prohibited in all Marine Gardens, Habitat Refuges, Research Reserves, Marine Reserves, and Marine Protected Areas except where specifically listed in your application.**
9. Unless an exception has been granted for your project, indirect mortality may not exceed 3% (electrofishing) or 1% (other methods). Mortality rates are calculated as a percentage of total catch, not to exceed the number as described in the take tables in the permit application. In the event that mortality for any species exceeds this rate, the permittee should contact ODFW ESA staff, Fish.Research@odfw.oregon.gov (503-947-6254 or 541-464-2185) prior to any further activity.
10. If you are approved for sampling in MARINE RESERVES and/or MARINE PROTECTED AREAS the Principle Investigator (PI) named on this Scientific Taking Permit must notify ODFW marine reserves staff at 541-867-7701 x228 and Oregon State Police at 800-452-7888, 24 hours prior to conducting research within the Redfish Rocks, Cape Perpetua, Otter Rock, Cascade Head, or Cape Falcon sites. The PI is required to provide the name of the site, the date of activity, vessel name, vessel ID number, gear to be deployed, and the species to be collected.
11. This permit does not authorize the take of marine fish species from federal waters (outside of 3 miles) that are under a Federal Management Plan (FMP). To take these fish, the appropriate federal permits must be obtained. This permit authorizes that marine fish taken under a federal permit in federal waters may be transported through Oregon state waters and landed at Oregon ports.
12. If encountering fish during research, ODFW requires the use of descender devices for the release of all yelloweye rockfish and quillback rockfish suffering from barotrauma, that are not being retained as part of the project. In addition, ODFW encourages the use of descender devices for the release of all other rockfish species suffering from barotrauma.
13. Taking any species of abalone, Pycnopodia (sunflower sea stars) and/or Solaster (sun stars), including removal and re-release, is not allowed under this permit unless specifically authorized by species in take table.
14. ODFW requires that when fish captured in research cruises and landed in Oregon ports (caught in both state and federal waters) are sold, those commercial fish landings are reported on fish tickets as "research". For questions about reporting requirements, please contact Nadine Hurtado at (503)947-6247 or Nadine.Hurtado@odfw.oregon.gov.
15. If you approach your permitted take or percent indirect mortality at a location and still have sampling to conduct, or would like to revise your sampling methods or procedures; please contact the ODFW ESA staff as soon as possible to request a permit modification so that you can continue your project.

ISSUED BY: 

Endangered Species Act Specialists
Holly Huchko Michele Weaver
(541)464-2185 (503)947-6254

ISSUED DATE: 5/17/23

Distribution: Dykstra-IPHC; Fish Research, Heath –ODFW; VanMeter-OSP; Busch- NMFS Enforcement; Hanshew- NMFS

OREGON FISH BIOLOGISTS CONTACT DETAILS updated 12.01.22

ODFW District Biologist	Phone	E-mail	Watershed District	Office
Ben Walczak	(971) 673-6013	Ben.Walczak@odfw.oregon.gov	North Willamette-Cascade Unit	Clackamas
Michael Hayworth*	(971) 673-6011	Michael.D.Hayworth@odfw.oregon.gov	North Willamette-Cascade Unit	Clackamas
Mac Barr	(971) 673-6044	Charles.M.Barr@odfw.oregon.gov	North Willamette-Coast Range	Clackamas
Kevin Stertz *	(971) 673-2040	Kevin.A.Stertz@odfw.oregon.gov	North Willamette-Coast Range	Clackamas
Joe Lemanski	(541) 962-1829 x229	Joseph.R.Lemanski@odfw.oregon.gov	Grande Ronde	LaGrande
John Spangler	(541) 265-8306 x224	John.J.Spangler@odfw.oregon.gov	Mid Coast	Newport
Dylan O'Keefe*	(541) 265-8306	dylan.j.okeefe@odfw.oregon.gov	Mid Coast	Newport
Steve Mazur	(541) 247-7605	Steve.J.Mazur@odfw.oregon.gov	Rogue	Gold Beach
Laura Green*	(541) 247-7605	Laura.J.Green@odfw.oregon.gov	Rogue	Gold Beach
Taylor McCroskey	(541) 276-2344	Taylor.McCroskey@odfw.oregon.gov	Umatilla	Pendleton
Vacant*	(541) 276-2344	Vacant	Umatilla	Pendleton
Jason Seals	(541) 296-4628	Jason.T.Seals@odfw.oregon.gov	Mid-Columbia	The Dalles
Lindsay Powell*	(541) 296-4628	Lindsay.J.Powell@odfw.oregon.gov	Mid-Columbia	The Dalles
Mike Gray	(541) 888-5515 x230	Michael.E.Gray@odfw.oregon.gov	Coos-Coquille	Charleston
Gary Vonderohe*	(541) 888-5515 x227	Gary.R.Vonderohe@odfw.oregon.gov	Coos-Coquille	Charleston
Jerry George	(541) 388-6009	Gerald.J.George@odfw.oregon.gov	Deschutes	Bend
Tim Porter*	(541) 447-5111 x24	Timothy.K.Porter@odfw.oregon.gov	Deschutes-Crooked	Prineville
Greg Huchko	(541) 464-2177	Greg.F.Huchko@odfw.oregon.gov	Umpqua	Roseburg
Evan Leonetti*	(541) 464-2157	Evan.Leonetti@odfw.oregon.gov	Umpqua	Roseburg
Robert Bradley	(503) 842-2741	Robert.Bradley@odfw.oregon.gov	North Coast	Tillamook
Mike Sinnott*	(503) 842-2741	Michael.Sinnott@odfw.oregon.gov	North Coast	Tillamook
Elise Kelley	(541) 757-5249	Elise.X.Kelley@odfw.oregon.gov	South Willamette	Corvallis
Alex Farrand*	(541) 757-5239	Alex.Farrand@odfw.oregon.gov	South Willamette	Corvallis
Stephan Charette	(541) 575-1167	Stephan.R.Charette@odfw.oregon.gov	John Day	John Day
Brent Smith*	(541) 575-1167	Brentton.A.Smith@odfw.oregon.gov	John Day	John Day

ODFW District Biologist	Phone	E-mail	Watershed District	Office
Dave Banks	(541) 573-6582	David.T.Banks@odfw.oregon.gov	Malheur	Hines
Kirk Handley	(541) 573-6582	Kirk.A.Handley@odfw.oregon.gov	Malheur	Hines
Kyle Bratcher	(541) 426-3279 x234	Kyle.W.Bratcher@odfw.oregon.gov	Grande Ronde	Enterprise
Michael Lance*	(541) 426-3279	Michael.J.Lance@odfw.oregon.gov	Grande Ronde	Enterprise
Ben Ramirez	(541) 883-5732	Benji.S.Ramirez@odfw.oregon.gov	Klamath	Klamath Falls
Bill Tinniswood*	(541) 883-5732	William.R.Tinniswood@odfw.oregon.gov	Klamath	Klamath Falls
Justin Miles*	(541) 947-2950	Justin.P.Miles@dfw.state.or.us	Klamath	Lakeview
Dan Van Dyke	(541) 826-8774 x234	Daniel.J.VanDyke@odfw.oregon.gov	Rogue	Central Point
Pete Samarin*	(541) 826-8774 x222	Peter.A.Samarin@odfw.oregon.gov	Rogue	Central Point
Jeff Ziller	(541) 726-3515 x26	Jeffrey.S.Ziller@odfw.oregon.gov	South Willamette	Springfield
Jeremy Romer*	(541) 726-3515 x34	Jeremy.D.Romer@odfw.oregon.gov	South Willamette	Springfield
Scott Groth	(541) 888-5515	Scott.D.Groth@odfw.oregon.gov	Marine Invertebrates	Charleston
Christian Heath	(541) 867-0300 x266	Christian.T.Heath@odfw.oregon.gov	Marine Fish	Newport
Lindsay Aylesworth	(541) 351-5351	lindsay.x.aylesworth@odfw.oregon.gov	Marine Reserves	Newport
Art Martin	(971) 673-6061	Art.C.Martin@odfw.oregon.gov	Columbia River	Clackamas
Kelly Reis	(541) 726-3515 x29	Kelly.E.Reis@odfw.oregon.gov	Willamette BiOp	Springfield ⁱ

* = Assistant District Biologist



Authorizations and Permits for Protected Species (APPS)

File Number: 27389

Applicant/Holder

Name: Ian Stewart
Title: Quantitative Scientist
Affiliation: International Pacific Halibut Commission, Quantitative Sciences Branch
Address: 2320 W. Commodore Way , Suite 300
City,State,Zip: Seattle, WA 98199
Phone Number: (206)552-7667
Email: ian.stewart@iphc.int

Project Information

File Number: 27389
Application Status: **Application Complete - Issued**
Project Title: Longline Catch Protection Pilot Study
Project Status: New
Previous Federal or State Permit/Authorization:
Permit/Authorization Requested: • Oregon Scientific Taking Permit for Fish and Marine and Freshwater Invertebrates - Issued
Where will activities occur? Oregon (including Columbia River and offshore waters)
State department of fish and game/wildlife: N/A
Research Timeframe: **Start:** 05/20/2023 **End:** 06/07/2023

Sampling Season/Project

Duration: Pilot gear testing will occur over 5 days. Preferred dates 5/25/2023-5/29/2023, but we are asking for a window from 05/20/2023 to 06/02/2023 to accommodate personnel logistics and weather windows. Operations will be conducted aboard the R/V Pacific Surveyor operating out of Newport, OR.

Project Type: Research

Project Description

Purpose: The International Pacific Halibut Commission (IPHC) plans to conduct a study to investigate the effectiveness of devices designed to protect Pacific halibut caught on hook and line gear from whale depredation. The purpose of the charter is to investigate (1) the logistics of setting, fishing, and hauling two pilot catch protection devices: a) an underwater shuttle and b) branch gear with a sliding shroud system, and (2) the basic performance of the gear on catch rates and fish size compared to non-protected gear. This project will help refine potential devices that can be used in the Pacific halibut fishery to protect catch on the gear from removal or damage by whales and to potentially interrupt the reward cycle leading to depredation. For this project no test work will occur in the presence of whales, but rather this a proof of concept pilot focussed on the performance characteristics of device concepts based on global tests of similar devices.

The IPHC Catch Protection Pilot Study will require 5 days of fishing with the test devices and standard gear in parallel. Test fishing is expected to take place in an area where catch rates will be high enough (IPHC Regulatory area 2A, offshore OR) to be instructive on the performance of the devices.

IPHC has aligned its protected species avoidance, mitigation, and reporting rules with those adopted by the NOAA Fisheries.

Pilot Study Objectives

- Determine configurations (weighting, attachment methods, etc.) to optimize setting and hauling of the devices, to minimize fouling, and to effectively use deck space for storage.
- Quantify deployment and retrieval logistics (equipment needs, manpower, time budgets).
- Quantify the basic performance of the units in comparison to fishing without the devices. This includes collecting information on species and sizes brought to the surface, injury classifications, and catch quality considerations, as well as underwater video footage documenting the performance of the gear.

Description: The two catch protection devices to be tested are: a) an underwater shuttle and b) a branch gear with a sliding shroud system.

a) The underwater shuttle design is a reduced size version of the Sago Extreme (<https://www.sagosolutions.no/sago-extreme>), consisting of an aluminum frame (2.6m x 0.8m, 100kg) which slides down the gear near the seabed during haul-back, mechanically unhooking fish and securing the fish inside. After 100 hooks, the device encounters a stopper and is hauled to the surface with fish inside. At the surface the device must be hoisted aboard using a boom and winch, and then the fish are emptied onto the vessel.

b) The shrouded branchline design combines aspects of both the Paradep (<https://paradep.com/>) and Cod Coil (<http://fishtechinc.net/>) concepts and consists of a main groundline, with several weighted side branches affixed to it, with shortened (15cm) gangions and hooks snapped to the branchline. For this project, a set will consist of six (6) branchlines 15 m (~48 ft) in length affixed at 30 m (~100 ft) spacing along the groundline. Ten (10) gangions with hooks (size 16/0 circle hooks) will be snapped to the branchlines on 1.2m (4 ft) spacing. Three branchlines will be fished without a shroud (control) and three branchlines will have a weighted spring coiled shroud (treatment) attached (~2m x 1m,12kg) designed to slide over and cover the 10 hooks and any catch during haulback.

Test fishing is expected to take place in an area where catch rates will be high enough to be instructive to the performance of the devices.

For shuttle gear one set will consist of two skates (100 hooks spaced 5.5m (18 ft) apart) of conventional (fixed) gear, with one skate having no shuttle (control) and one with a shuttle (treatment) for each test set. Two sets (minimum 3-hour soak) will be made per day for a maximum of 400 hooks per day for the shuttle device.

for branchline gear one set will consist of three branchlines without a shroud (control), and three branchlines with a shuttle (treatment). Two sets (minimum 3-hour soak) will be made per day for a maximum of 120 hooks set per day.

The goal will be for 10 deployments of each gear configuration over the five fishing days; however, logistical considerations may result in fewer full deployments.

Fishing will be conducted during daylight hours to avoid reduced survival likelihood caused by sandflea predation. All fish captured will be documented and released as carefully as possible.

Data collection: Position of each set will be recorded. Time to set each gear type, and time to haul each gear type will be recorded.

Specimens: All catch will be associated to skate or branchline, identified to species, and length, weight, and current hooking injury will be documented. The IPHC will make every effort to carefully release all catch, including descending any rockfish or Pacific cod with the use of descender devices to mitigate barotrauma. Any marine mammal or short-tailed albatross sightings and interactions will be documented.

This project is partially funded under a NMFS Bycatch Reduction Engineering Program grant (NA21NMF4720534).

Supplemental Information

Methods:	Longline hook and line fishing will be conducted. Catch protection devices will be used to cover up fish as the gear is hauled and brought to the surface. Main focus will be on the performance of the gear (added time to deploy, haul, and stow) and on catch performance (are fish accidentally released from gear below the surface rather than being entrained inside the protective device (shuttle or shroud), size of fish recovered, condition of fish recovered). Comparisons will be made between control gear (no catch protection devices) and test gear.
Intentional Lethal Take:	No fish will be retained. All fish will be identified to species, measured (length and weight), and returned to the ocean with minimal harm. Any fish subject to barotrauma (rockfish, Pacific cod) will be returned to depth with the use of a descender device.
Anticipated Effects on Animals:	Fish will have a small hooking injury and then be returned to the ocean with minimal injury.
Measures to Minimize Effects:	Descending devices (Seaqualizers or similar) will be used to recompress fish with swim bladders (rockfish, Pacific cod) and release them at depth. Fishing locations will be focussed on capturing Pacific halibut while minimizing catches of rockfish.
Disposition of Tissues:	No tissue samples will be taken from any fish captured.

Public Availability of Product/Publications: A report summarizing the findings of the project along with available data will be posted to the IPHC website (<https://www.iphc.int/>) within a year (likely much sooner) of completion of the project. Information regarding an international workshop (video of the workshop and final workshop report) that led to this pilot project can be found here: <https://www.iphc.int/venues/details/1st-international-workshop-on-protecting-fishery-catches-from-whale-depredation-ws001>

District Biologist Comments

Date	From	Comments
04/21/2023	Christian Heath	Marine finfish takes and methods are acceptable. Thank you for the thorough write up and good luck with the new devices! Have a fun field season.

Federal Information

Federal Agency	Type	Authorization Number and Title	Date Signed	Expiration Date	Listing Units/Stocks Covered	Comments
National Marine Fisheries Service (NMFS)	Other	LOA-35-2023	05/05/2023	06/07/2023	N/A	effective dates 5/20/23-6/07/23
National Marine Fisheries Service (NMFS)	Funding	BREP NA21NMF4720534 Gear-based approaches to catch protection as a means for minimizing whale depredation in longline fisheries.	08/31/2021	10/31/2023	N/A	

Location/Take Information

Marine Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** N/A **Ocean Area:** Banana Reef

Sale in Oregon of species taken: None

Location Description: The area west of the 100 fRCA below 44:53.00. Then west along 44:53.00 to 44:53.00 x 124:32.00. Then south to 44:49.50 x 124:32.00. Then east along 44:49.50 to the RCA.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Skate, Big	NA		Adult	Male and Female	6	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
2		Skate, Longnose	NA		Adult	Male and Female	12	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023

3		Halibut, Pacific	NA		Adult	Male and Female	360	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
4		Sablefish	NA		Adult	Male and Female	78	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
5		Dogfish, Spiny	NA		Adult	Male and Female	50	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
6		Rockfish, Canary	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
7		Rockfish, Yelloweye	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023

Marine Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** N/A **Stream Name:** Pacific Ocean **Latitude North:** 45.04 **Latitude South:** 45.01 **Longitude East:** 124.21 **Longitude West:** 124.245
Depth Range Lower: 130 **Depth Range Upper:** 105

Sale in Oregon of species taken: None

Location Description: The Compass Rose. The area west of the 100 f RCA from on the NE corner of 45:04.00 x 124:21.00. Then west to the NW corner of 45:04.00 x 124:24.50. Then south to the SW corner of 45:01.00 x 124:24.50. Then east to the SE corner of 45:01.00 x 124:21.00.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Skate, Big	NA		Adult	Male and Female	6	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
2		Skate, Longnose	NA		Adult	Male and Female	12	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
3		Halibut, Pacific	NA		Adult	Male and Female	360	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
4		Sablefish	NA		Adult	Male and Female	78	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
5		Dogfish, Spiny	NA		Adult	Male and Female	50	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023

6		Rockfish, Canary	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
7		Rockfish, Yelloweye	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023

Marine Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** N/A **Ocean Area:** The Fingers

Sale in Oregon of species taken: None

Location Description: The area west of the 100 f RCA below 44:29.50 N. Then west to 44:29.50 x 124:44.00. Then SW to 44:26.00 x 124:46.50. Then east along 44:26.00 to the RCA 100f line.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Skate, Big	NA		Adult	Male and Female	6	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
2		Skate, Longnose	NA		Adult	Male and Female	12	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
3		Halibut, Pacific	NA		Adult	Male and Female	360	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
4		Sablefish	NA		Adult	Male and Female	78	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
5		Dogfish, Spiny	NA		Adult	Male and Female	50	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
6		Rockfish, Canary	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023
7		Rockfish, Yelloweye	NA		Adult	Male and Female	36	0	Capture/Handle/Release Animal	Longline		N/A	5/20/2023	6/7/2023

Project Contacts

Primary Contact: Claude L Dykstra

Principal Investigator: Claude L Dykstra

Other Personnel

Name	Role(s)
Ian Stewart	Co-Investigator

Status

Application Status: Application Complete
Date Submitted: April 12, 2023
Date Completed: May 17, 2023
Last Date Archived: May 17, 2023

• Oregon Scientific Taking Permit for Fish and Marine and Freshwater

Invertebrates

Current Status: Issued **Status Date:** May 17, 2023
Date State Approved: May 17, 2023
Expire Date: June 7, 2023

Attachments

Application Archive - P27389T14Issued.pdf (Added May 17, 2023)
Federal Authorization - P27389T2LOA-35-2023_V3_rjw.pdf (Added May 11, 2023)
Location - L63952T3Catch_Protection_Study_Pilot_Potential_Test_Sites.pdf (Added Apr 12, 2023)
References - P27389T122023_IPHC_Catch_Protection_Scientific_Research_Plan_-_Oregon.docx (Added Apr 12, 2023)

Modification Requests

This section is currently empty.

Reports

Report Required

Nbr	Report Type	Report Period		Date Due	Status	Date Received
		Start Date	End Date			
1	Annual-Year End	05/20/2023	06/07/2023	12/31/2023	N/A	



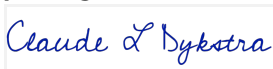

REFERENCE NUMBER

CBE77D7A-D725-403E-867D-FAAD2DDAA691

SIGNATURE CERTIFICATE

TRANSACTION DETAILS	DOCUMENT DETAILS
<p>Reference Number CBE77D7A-D725-403E-867D-FAAD2DDAA691</p> <p>Transaction Type Signature Request</p> <p>Sent At 05/18/2023 11:40 EDT</p> <p>Executed At 05/18/2023 13:47 EDT</p> <p>Identity Method email</p> <p>Distribution Method email</p> <p>Signed Checksum 74559b577c4ca4876bb8c46d6a336b5f6aab5c2a36f4f36a20e3dbc543be1836</p> <p>Signer Sequencing Disabled</p> <p>Document Passcode Disabled</p>	<p>Document Name Or-Stp 27389 Issued 5 17 23</p> <p>Filename or-stp_27389_issued_5_17_23.pdf</p> <p>Pages 11 pages</p> <p>Content Type application/pdf</p> <p>File Size 464 KB</p> <p>Original Checksum ee949e14e16e74d9258d7f72f27c1b40f03e2c277b82fc33453a78c9dd5f8723</p>

SIGNERS

SIGNER	E-SIGNATURE	EVENTS
<p>Name Claude Dykstra</p> <p>Email claude.dykstra@iphc.int</p> <p>Components 1</p>	<p>Status signed</p> <p>Multi-factor Digital Fingerprint Checksum c2b14dd9572e37c8877ed3894feb6a562a92d24748d04122bcc6d77c60b52b4f</p> <p>IP Address 8.53.59.11</p> <p>Device Microsoft Edge via Windows</p> <p>Typed Signature </p> <p>Signature Reference ID 97775273</p>	<p>Viewed At 05/18/2023 13:46 EDT</p> <p>Identity Authenticated At 05/18/2023 13:47 EDT</p> <p>Signed At 05/18/2023 13:47 EDT</p>
<p>Name Ian Stewart</p> <p>Email ian.stewart@iphc.int</p> <p>Components 1</p>	<p>Status signed</p> <p>Multi-factor Digital Fingerprint Checksum e634cc3b6d60914c823c3a61a542af6944fe38ffae0035acf1a71b2a955ba30d</p> <p>IP Address 8.53.59.11</p> <p>Device Chrome via Windows</p> <p>Typed Signature </p> <p>Signature Reference ID 5A9F20B2</p>	<p>Viewed At 05/18/2023 12:40 EDT</p> <p>Identity Authenticated At 05/18/2023 12:41 EDT</p> <p>Signed At 05/18/2023 12:41 EDT</p>

AUDITS

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