

**Experimental Fishing Permit No.** [REDACTED]**Revision Date:****MARINE FISHERIES: EXPERIMENTAL FISHING PERMIT TERMS AND CONDITIONS**

Pursuant to California Fish and Game Code (FGC) Section 1022 and Section 91, Title 14, California Code of Regulations (CCR), the Experimental Fishing Permit (EFP) holder is authorized to conduct experimental fishing activities according to the requirements of the EFP approved by the Fish and Game Commission (Commission) and issued by the California Department of Fish and Wildlife (Department).

EFP Holder/Entity Administrator Name: **National Marine Sanctuary Foundation (EFP Holder)**

Greg Wells ([REDACTED] **), Gear Innovations Manager (Entity Administrator)**

EFP Holder Address: [REDACTED]

Entity Administrator Address: [REDACTED]

Authorized Agent Name: **See authorized agent list on Page 3**

Authorized Agent Address: **See authorized agent list on Page 3**

Vessel Name and ID #: **See authorized vessel list on Page 3**

Description of authorized activity:

Test and commercial use of several pop-up ~~fishing systems~~ ~~gear types~~ (acoustic pop-up buoy, ~~timed release~~ ~~pop-up~~ buoy, lift bag, and buoyant spool) from multiple manufacturers (i.e., Desert Star ARG-1XD, EdgeTech 5112, Fiomarine Fiobuoy, Guardian Repeles System, Sub Sea Sonics TR4RT and AR4RT, Ashored Innovations MOBI) in the California Dungeness crab, and rock crab, and spot prawn fisheries. The experimental fishing activities may only be conducted under the following conditions:

STANDARD TERMS

These standard terms shall apply to all persons or vessels conducting authorized activities under the EFP.

1. The permit shall be operated only on the vessels named on this form, if applicable. Either the EFP holder or the authorized agent must be aboard the vessel when activities are being conducted under this permit, and both are responsible and accountable for meeting the requirements and limits of this permit.
2. Pursuant to FGC Section 7857(d), the EFP holder or authorized agent shall have a valid copy of the Department issued EFP attached to a signed copy of this form in possession when activities are being conducted under this permit.
3. All persons conducting activities under an EFP must comply with all appropriate state and federal



fishing laws and regulations, including but not limited to those relating to protected species, minimum size limits, and seasons or areas closed to fishing that are not otherwise exempted by the permit (see special conditions).

4. The EFP holder and authorized agent shall cooperate with the Department by allowing personnel designated by the Department to board the fishing vessel on any fishing trip (if applicable) or enter a place of business operated by the EFP holder or authorized agent under this permit, to retrieve, observe, or inspect any logbook, records, data, equipment, procedures, or catch throughout the duration of the permit.
5. The EFP holder or authorized agent shall provide Department staff with a 24-hour notice prior to every fishing trip. The contact information for Department staff will be provided for this purpose at the time of permit issuance.

SPECIAL CONDITIONS

As set forth in subsection 91(i), Title 14, CCR, special conditions may be placed on this permit for research purposes and the conservation and management of marine resources and the environment (see following page).

As set forth in subsection 91(k), Title 14, CCR, special conditions may be amended or repealed as necessary for research purposes and the conservation and management of marine resources and the environment.

RECEIPT AND ACKNOWLEDGEMENT

The permit is not valid until the EFP holder has certified by their signature below that they have: 1) read and understand the standard terms and special conditions of the permit; 2) unless otherwise specified in special conditions, paid the appropriate fees specified in Section 704, Title 14, CCR; and 3) returned a signed copy of this form to the Department.

I have read, understand and agree to abide by all standard terms and special conditions of this permit.

EFP Holder Signature

Date

Received by License and Revenue Branch (LRB)

Fee \$ _____

Experimental Fishing Permit No.

Revision Date: _____

LRB Signature: _____ Date: _____

**Experimental Fishing Permit No.** [REDACTED]**Revision Date:****Authorization and Special Conditions**

List of approved special conditions, names and addresses of any additional authorized agents, and/or names and identification number of any additional authorized vessels.

Key Participants

1. **Authorized Agents and Vessels:** This EFP is valid only for the authorized agents and vessels named below. The Department may allow up to a maximum of 40 authorized agents and 40 vessels for this EFP, as it deems necessary for research purposes.
 - a. **Authorized Agent Name and Address**
 1. Marc E. Alley ([REDACTED]) – Owner/Operator F/V Ronna Lynn
 2. Khevin R. Mellegers [REDACTED] – Owner/Operator F/V Areona
 3. Holly Fruehling [REDACTED] - Owner/Operator F/V Pink Mermaid
 4. Sean Cross [REDACTED] – Owner/Operator F/V Smeagol
 5. Tyler Lee Butler ([REDACTED]) – Owner/Operator F/V Reelization
 6. Daniel Lee ([REDACTED]) – Operator F/V Oceana
 7. Robert Berry ([REDACTED]) – Owner/Operator F/V Storytime
 8. Nicholas (Nick) Krieger ([REDACTED])- Owner/Operator F/V Arianna Rose
 9. Robert R Maharry ([REDACTED]) – Owner/Operator F/V Migrator
 10. Bill Blue ([REDACTED]) – Owner Operator F/V Brita Michelle
 11. Frank Inferrera ([REDACTED]) – Owner/Operator F/V Aurora
 12. James Rando ([REDACTED]) – Owner/Operator F/V Misty Dawn
 13. Philip Lafata ([REDACTED]) – Owner/Operator F/V Kendra Jean
 14. Anthony Doubledee ([REDACTED]) – Owner/Operator F/V Ahoy
 15. Ozzie Gregorio ([REDACTED]) – Owner/Operator F/V Miss Jessie
 16. Cody Wakefield ([REDACTED]) – Owner/Operator F/V Taurus

**b. Authorized Project Vessel**

1. F/V Ronna Lynn ()
2. F/V Areona ()
3. F/V Pink Mermaid ()
4. F/V Smeagol ()
5. F/V Reelization ()
6. F/V Oceana ()
7. F/V Storytime ()
8. F/V Arianna Rose ()
9. F/V Migrator ()
10. F/V Brita Michelle ()
11. F/V Aurora ()
12. F/V Misty Dawn ()
13. F/V Kendra Jean ()
14. F/V Ahoy ()
15. F/V Miss Jessie ()
16. F/V Taurus ()

2. **Other Key Participants:** All people not listed in Condition 1 who are present on the vessel must be disclosed to the Department prior to departure from port to conduct EFP activities. The authorized agent shall submit the names and commercial fishing license numbers of participants in their 24-hour pre-trip notice via email to EFP@wildlife.ca.gov, LEDMarineNotifications@wildlife.ca.gov, and Kevin.Hare@wildlife.ca.gov. If there is a change in the key participants present on the vessel prior to departure, but after submission of the 24-hour pre-trip notice, the authorized agent shall send an amended list of names and associated commercial fishing license numbers to the email addresses listed above.

General

3. Pursuant to subsection 91(j), Title 14, CCR, it is unlawful to operate an EFP in violation of the permit standard terms and special conditions described herein. All parties (as specified in Conditions 1 and 2) operating under the authority of this permit must be informed of and agree to abide by all standard terms and special conditions of this permit. EFP holders, authorized agents, or any person assisting with activities occurring under the authority of the EFP may be liable for violations of the Fish and Game Code and regulations adopted thereto pertaining to experimental fishing, including violations of permit terms or conditions.
4. For the purposes of this EFP the terms “Dungeness crab” and “rock crab” are as defined in FGC Section 8275, and “spot prawn” is as defined in FGC section 8590.
5. The authorized agent and any person who assists the authorized agent in the operation of the fishing vessel, handling and recovery of commercial fishing gear, and processing of catch and bycatch shall possess the following prior to engaging in any commercial fishing operations authorized by this permit:
 - a. A valid commercial fishing license issued pursuant to FGC Section 7850; and
 - b. Appropriate permits governing commercial take of the target species (i.e., Dungeness crab, or rock crab, and/or spot prawn).
6. The authorized agent shall possess a valid commercial boat registration issued pursuant to FGC Section 7881 for the vessel named above and display the Department Boat Registration



numbers in plain sight on each side of the vessel pursuant to FGC Section 7880.

7. All authorized agents shall only participate in one EFP per fishing trip when participating in multiple EFPs.
8. No other EFP or commercial fishing activities shall take place on the same trip as this EFP, unless specifically authorized by this EFP.

Authorized Species, Take, and Landing Requirements

9. Authorized agents may use authorized EFP gear to participate in the commercial Dungeness crab, or commercial rock crab, and/or spot prawn fisheries. Authorized agents who hold valid permits for the targeted both species may fish for Dungeness crab, and rock crab, and/or spot prawn within the same trip. When conducting EFP activities, authorized agents are exempt from Section 125 (b)(3), Title 14, CCR. Cal. Code Regs., Title 14, section 125, subsd (b)(3). Unless specifically exempted by this EFP, adherence to all other regulations regarding the take of these species is required.
10. Authorized agents may retain, possess, and land Dungeness crab when the commercial season is open in that Fishing Zone. Fishing Zones are defined in subsection 132.8(a), Title 14, CCR. Pursuant to FGC Section 8278, only male Dungeness crabs may be taken. No Dungeness crab less than 6 and one-quarter inches in breadth may be taken, possessed, bought, or sold. Dungeness crab shall be measured by the shortest distances through the body from the edge of shell to edge of shell directly from front of points (i.e., lateral spines).
11. Pursuant to FGC Section 8282(a), rock crab less than 4 and one-quarter inches measured in a straight line through the body, from edge of shell to edge of shell at the widest part, shall not be taken, possessed, bought, or sold.
12. Authorized agents may retain, possess, and land spot prawn when the commercial season is open pursuant to Section 180.1, Title 14, CCR.
13. All catch in authorized Dungeness crab gear, ether than Dungeness or rock crab gear, or spot prawn gear shall be limited to the species of intended capture for that gear type. Except, rock crab caught in Dungeness crab gear may be retained. All other catch shall be returned to the ocean immediately. All catch in authorized rock crab gear other than rock crab shall be returned to the ocean immediately. Authorized agents shall make all reasonable efforts to return incidental catch to the ocean alive.
14. All dock tickets and electronic fish tickets for EFP landings must have the state EFP number (" ") recorded in the "State Permit #" field, be transmitted within 24 hours, and comply with all other requirements in Section 197, Title 14, CCR. All non-EFP landings must be recorded on separate dock tickets and electronic fish tickets, and comply with all requirements in Section 197, Title 14, CCR.
15. All authorized agents shall notify the Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov) and EFP Program (EFP@wildlife.ca.gov) of any landings of Dungeness crab made with EFP fishing gear during a fishery closure pursuant to Section 132.8, Title 14, CCR. The notification shall be within 24 hours and include the date, port of landing, number of pounds landed, electronic fish ticket number, and the full name of the receiver.

Allowable Fishing Area and Time of Year

16. Dungeness and rock crab traps may only be placed between the California/Oregon border (42° N. latitude) and Lopez Point (36° 00' N. latitude) and Point Conception (34° 27' N.



latitude), and n No Dungeness or rock crab traps or gear shall be placed in the water seaward of the 100-fathom line as defined in Federal regulation (Title 50, Part 660). Spot prawn traps may only be placed between the California/Oregon border and a line drawn due west from Point Arguello, Santa Barbara County.

17. Authorized agents shall be exempted from the requirement to remove all Dungeness crab traps from state waters by 11:59 pm on the last day of the fishing season, pursuant to FGC Section 8276, when operating or fishing with traps with pop-up fishing gear systems as authorized under this EFP in Condition 25. No crab traps shall be placed into the water 30 days prior to the pre-soak period prescribed in FGC Section 8283 or commercial Dungeness crab season opener, whichever comes first.
18. Dungeness crab may only be taken, possessed, or landed during the statutory season and subject to domoic acid and quality take restrictions pursuant to FGC Sections 5523, 8276, and 8276.2. This permit exempts the agent from an early season closure pursuant to Section 132.8, Title 14, CCR, however, take, possession, and landing are prohibited when a season is delayed pursuant to Section 132.8, Title 14, CCR.
19. Possession, take, and landing of rock crab is subject to domoic acid restrictions pursuant to FGC Section 5523.
20. When fishing within any area where take, possession, and landing of commercial Dungeness crab, or rock crab, or spot prawn is prohibited as defined in Conditions 17 or 12, 18, and 19, all deployed traps shall be closed and un-baited.
21. The authorized agents must suspend fishing operations or move EFP fishing gear per Department direction in response to circumstances including elevated entanglement risk or in the event of entanglement report in the fishing or testing location. The Department will provide notice by contacting each authorized agent via the phone and/or email address provided by the EFP holder.
22. Fishing operations shall abide by all applicable Essential Fish Habitat closures for bottom contact gear as described in Federal regulation (Title 50, Part 660, Subpart F).
23. Fishing activities shall not occur in any state Marine Protected Areas pursuant to Section 632, Title 14, CCR.

Gear Allowances, Specifications and Marking Requirements

24. Currently authorized pop-up fishing gear types are listed in the “Description of authorized activity” section of this document. Authorized pop-up fishing systems (specific combinations of manufacturers and an authorized pop-up fishing gear type) are listed below. The following additions may be approved via a minor amendment: (1) for manufacturers not listed below, any authorized pop-up fishing gear type, or (2) for manufacturers listed below, additional authorized pop-up fishing gear types. A major amendment request is required to add all other pop-up fishing gear systems.
 - a. Ashore Innovations acoustic pop-up buoy,
 - b. Desert Star Systems acoustic pop-up buoy,
 - c. Devocean Ropeless Systems buoyant spool,
 - d. EdgeTech acoustic pop-up buoy,
 - e. Fiomarine buoyant spool,
 - f. Guardian Ropeless Systems timed release pop-up buoy,
 - g. Ropeless Fishing Systems lift bag,



- h. SMELETS lift bag.
- i. Sub Sea Sonics acoustic and timed release pop-up buoy.

25. All authorized agents must comply with the following requirements with respect to deployment of the authorized pop-up gear fishing systems:

- a. When fishing single crab traps, an authorized pop-up fishing gear system shall be connected to each trap. Vessels may connect the trap to a length of line attached to a weight or anchor to provide a larger target for grappling.
- b. When fishing a string of crab traps, no more than 50 traps shall be connected by a common groundline. An authorized pop-up fishing system consisting of a containment unit, single line, and at most two buoys (a main buoy and optional trailer buoy) shall be connected to at least one terminal end on strings containing 20 or fewer traps and on both ends for strings containing more than 20 traps. For purposes of determining string length, authorized pop-up fishing systems are not considered traps.
- c. When fishing a string of spot prawn traps with no persistent surface markers, no more than 50 traps shall be connected by a common groundline. An authorized pop-up fishing system consisting of a containment unit, single line, and at most two buoys (a main buoy and optional trailer buoy) shall be connected to at least one terminal end of the string. For purposes of determining string length, authorized pop-up fishing systems are not considered traps.

26. The maximum number of crab traps each authorized vessel may use, possess, or deploy at any time when attempting to take crab shall not exceed the vessel's permitted tier as allocated by subsection 132.1(c), Title 14, CCR. This limitation shall not apply to lost or abandoned gear recovered pursuant to Sections 132.2 and 132.7, Title 14, CCR.

27. All crab traps must comply with the requirements specified in FGC Section 9011 for Dungeness crab or rock crab. All traps used or deployed must have at least one destruct device pursuant to FGC Section 9003 and Section 180.2, Title 14, CCR.

28. The maximum number of spot prawn traps each authorized vessel may use, possess, or deploy at any time when attempting to take spot prawn shall not exceed the vessel's permitted tier as allocated by subsection 180.1(c), Title 14, CCR.

29. All spot prawn traps must comply with the requirements specified in FGC Section 9015 and Sections 180.1 and 180.2, Title 14, CCR.

30. The EFP holder shall provide the Department access to the gear marking applications and associated platforms (Ropeless Fisher, Ropeless Control, Trap Tracker, Trap Timer, ATLAS, Devocean, EarthRanger, and the rmwHUB) as identified in the EFP application and amendment(s) for data sharing and enforcement purposes.

31. Authorized agents shall affix buoy tags specified in subsection 132.1(b), Title 14, CCR and FGC Section 8276.5 to their Dungeness crab traps deployed under this EFP. Deployed Dungeness crab gear shall also include a trap tag as defined in subsection 132.1(a), Title 14, CCR.

32. For the interval between gear deployment and activation of the pop-up mechanism, authorized agents shall be exempted from the requirements to mark each trap with a buoy as defined pursuant to FGC Section 9005 and Sections 132.6(a) and 180.5, Title 14, CCR. Following release of the pop-up mechanism as identified in the EFP application and amendment(s), the location of each single trap or at least one terminal end of each string shall be indicated by the presence of one or more buoys at the surface, as specified in Conditions 33 29 and 34 30. When testing FloBuoy buoyant-spool style pop-up units gear



types, the location of each single trap or at least one terminal end of each string shall be indicated by the presence of one or more buoyant spools at the surface, as specified in Condition 35 34. When testing lift bag pop-up gear types, the location of each single trap or at least one terminal end of each string shall be indicated by a floated lift bag at the surface, as specified in Condition 36.

33. The main buoy and any trailer buoys shall be marked with the operator's commercial fishing license identification number. All identification numbers shall be at least 1.5 inches in height and drawn with a line no less than 0.25 inch thick.
34. Pop-up gear types that include one or more buoys Buoy markings shall comply with requirements specified in Section 180.5, Title 14, CCR. Every buoy shall be marked exclusively with the Identification Letters "EC" with at least one buoy marked with the operator's commercial fishing license identification number followed by the Identification Letters "EC".
 - a. Buoys that are 4 inches in diameter or greater shall have Identification Letters marked on four opposing sides.
 - b. Buoys that are smaller than 4 inches in diameter shall have Identification Letters marked on two opposing sides.
 - c. The commercial fishing license identification number shall be at least 1.5 inches in height and drawn with a line no less than 0.25 inch thick.
 - d. The Identification Letters "EC" shall be at least 3 inches in height and drawn with a line no less than 0.25 inch thick.
 - e. All Identification Numbers and Identification Letters on a buoy shall be clearly and distinctly marked, and in a color that contrasts with the buoy; the numbers and letters shall be applied and maintained so that they are visible and legible.
35. When testing FloBuoys buoyant-spool style pop-up units gear types, one end of the spool body shall be marked exclusively with the operator's commercial fishing license identification number and the Identification Letters "EC". All markings shall be drawn with a line no less than 0.25 inch thick and at least 1.5 inches in height, and larger if available space allows. All markings shall be clearly and distinctly marked, and in a color that contrasts with the spool body; the numbers and letters shall be applied and maintained so that they are visible and legible.
36. When using lift-bag style pop-up gear types, a placard shall be affixed to the sled and marked with the permittee's commercial fishing license identification number followed by the Identification Letters "EC".
 - a. The commercial fishing license identification number shall be at least 1.5 inches in height and drawn with a line no less than 0.25 inch thick.
 - b. The Identification Letters "EC" shall be at least 3 inches in height and drawn with a line no less than 0.25 inch thick.
 - c. All Identification Numbers and Identification Letters on a buoy shall be clearly and distinctly marked, and in a color that contrasts with the buoy; the numbers and letters shall be applied and maintained so that they are visible and legible.
37. Buoy Line Marking Requirements. Fishing gear shall not have on any part of the gear line marks or multi-colored line required for any Washington, Oregon, or California state fishery operating in state or federal waters off the U.S. West Coast unless legally participating in the fishery requiring such line marks or multi-colored line (Section 181, Title 14, CCR). The authorized agents will test and report on the efficacy and durability of marking line markings when requested by the Department.
38. Traps fished under the authority of this EFP are exempted from the 96-hour trap service



interval specified in FCG Section 9004. Authorized agents shall service (i.e., raise, clean, ensure mechanisms are properly functioning, and empty) their traps at intervals not to exceed 168 hours, weather conditions at sea permitting, unless otherwise authorized in writing by the Department. Additionally, when using gear where a timed-release device serves as the primary release mechanism, authorized agents must service their traps within two hours of the selected release interval, weather conditions at sea permitting. If an authorized agent is unable to comply with these requirements due to mechanical breakdown of their vessel, or another circumstance, they must notify the Department as soon as possible via email to the Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov) and Marine Region (WhaleSafeFisheries@wildlife.ca.gov).

Other Requirements

39. No testing or fishing for crab may take place unless a functioning electronic monitoring system is installed and used as specified by the Department. The electronic monitoring system must be a satellite or cellular based system designed to monitor location and movement of vessels using global positioning system (GPS) coordinates. The electronic monitoring system must be capable of accurately tracking and recording vessel location at a frequency of no less than once per minute without interruption during the entire fishing trip when participating in fishing operations covered under this EFP, including transiting to and from the fishing area. Vessel location data shall be uploaded automatically and made available to the Department or an authorized agent within 24 hours. Authorized agents shall grant the Department access to all data upon request.
40. At least 24 hours prior to commencing a fishing trip during which EFP activity is expected to be conducted, notice of vessel name, target fisheries fishery, anticipated fishing dates, port of departure, and expected landing port shall be made via email to the Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov) and EFP Program (EFP@wildlife.ca.gov). Upon request from the Department, authorized agents shall coordinate with the Department and allow for inspections of the traps and associated gear prior to deployment or when gear is being serviced at sea.
41. Authorized agents shall follow the best practices for avoiding whale entanglement described in the attached guide. This includes fishing gear and incident reporting requirements.
42. The permittee shall provide training to Department personnel on any aspect of the permitted project on request.
43. The permittee shall comply with data reporting requirements as described in Attachment A. Reports shall be submitted via email to the Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov), Marine Region (WhaleSafeFisheries@wildlife.ca.gov), and EFP Coordinator (EFP@wildlife.ca.gov).
44. The vessel shall be capable of safely carrying an observer when requested by the Department and provide that observer with accommodations equivalent to those provided to the captain and crew for both single and multi-day trips if multi-day trips are conducted. The observer shall be permitted to collect additional opportunistic biological data.
45. In instances where gear cannot be retrieved via the primary release mechanism, authorized agents may use grappling or back-up release mechanisms to recover the gear as described in the EFP application and amendment(s). The permittee will document all unrecovered gear, per the data reporting requirements in Attachment A, including traps, buoys and other equipment. Failure to keep or submit required information may result in revocation or suspension (including non-renewal) of the permit.
46. Unless otherwise specified by the Department, the permittee shall submit the annual and



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final reports required by subsection 91(l), Title 14, CCR to the EFP Coordinator (EFP@wildlife.ca.gov) no later than 60 days after the permit expiration date.

47. Prior to commencing at-sea testing, permittee shall ensure all authorized agents have completed the freely available Level 1 entanglement response training provided by the National Marine Fisheries Service, available at <https://west-coast-training.whaledisentanglement.org/#/>. Permittee shall provide screen shots documenting course completion to the EFP Coordinator (EFP@wildlife.ca.gov), Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov) and Marine Region (WhaleSafeFisheries@wildlife.ca.gov). Once available, official course completion emails shall be forwarded to the EFP Coordinator (EFP@wildlife.ca.gov), Department's Law Enforcement Division (LEDMarineNotifications@wildlife.ca.gov) and Marine Region (WhaleSafeFisheries@wildlife.ca.gov).

**Attachment A: Data Reporting Requirements**

1. Deployment Data. Permittee or authorized agent shall make available to the Department the following data for each trap deployed during the fishing trip. Data shall be provided via one of the approved gear-marking applications or platforms identified in Condition 26 30, or as otherwise directed in writing by the Department. Other applications and platforms may be approved by a minor amendment.
 - a. The latitude and longitude of each trap, given to the highest precision allowed by onboard instrumentation (“location”), and whether or not the trap was deployed with weak rope. If multiple traps are deployed on a single line (“string”), the number and configuration of traps in the string and the location of the first and last traps of the string.
 - b. The name and vessel ID of the vessel the trap was deployed from.
 - c. The experimental fishing permit number the trap is deployed under.
 - d. The time and date of deployment.
 - e. For non-acoustic releases, the time and date the release mechanism is programmed to allow the marker buoy to surface.
2. Gear Location Marking. The permittee or authorized agent shall make fishing locations publicly available to other fishers and the public subject to direction of the Department. Communication of fishing location may include notification to local harbor districts and to the Department web pages, and/or other publicly accessible web pages. The permittee or authorized agent shall make the following information available via one of the approved gear marking applications or platforms identified in Condition 26 30, or as otherwise directed in writing by the Department, for the purpose of avoiding gear conflict:
 - a. The location of deployed single traps.
 - b. The location of the first and last traps in a string, an indication that they are part of a string, and the orientation of the string with respect to each terminal end.
3. Coordination with other EFPs. The permittee shall use all available resources to understand where gear may be set, including review of pending and approved EFP applications identified on the [Fish and Game Commission website](#) and checking gear marking applications.
4. Lost Gear Information. Unrecoverable gear shall be reported via email to the Department as soon as possible, but not more than 12 hours after initial attempted recovery. Data shall be provided via email to LEDMarineNotifications@wildlife.ca.gov and WhaleSafeFisheries@wildlife.ca.gov. This report shall contain:
 - a. The target species/fishery (i.e., Dungeness crab, rock crab, or spot prawn).
 - b. Gear manufacturer and model.
 - c. The location of each trap. If multiple traps are deployed in a string, the number of traps in the string, and the location of the first and last traps of the string.
 - d. The name and vessel ID of the vessel the trap was deployed from.
 - e. The experimental fishing permit number the trap is deployed under.
 - f. The time and date the gear was last serviced.
 - g. Summary of attempted recovery efforts, including documentation of any pop-up system malfunctions (e.g., early release or unresponsive to release signal).

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h. Reason for loss (if known).

5. In addition to the requirements of subsection 91(l), Title 14, CCR, annual and final reports shall include:

- a. A table or other database containing trap deployment and recovery data for each trip conducted under the authority of this permit. In addition to the deployment data in requirement 1 above, this includes:
 1. Gear manufacturer and model.
 2. Target species/fishery.
 3. The time and date of recovery or attempted recovery.
 4. The location the gear was recovered.
 5. The distance between the location where the gear was deployed and recovered, if the difference between deployment and recovery is greater than $\frac{1}{4}$ mile.
 6. The time elapsed between the programmed release time and recovery or attempted recovery, if the difference between programmed release time and recovery is greater than one hour.
- b. A summary of landing data including the volume (pounds) of each species landed at each port by each vessel.
- c. The number of trips conducted by each vessel participating in the EFP, the total number of trap deployments, and the number of unsuccessful recoveries.
- d. A summary of the efforts taken to recover lost gear, and the outcome of those efforts.