

Deep-Set Buoy Gear Exempted Fishing Permit Application Form

Please reference the instructions for specifics on filling out your application.

1) Application Date: 2/16/17

2) Applicant(s):

a) Name: ROGER CULLEN Phone No: (805) 9091025
Email: DORADO 032002 @ YAHOO.COM
Address: 1060 PINE RIDGE DR. CAMBRIDGE CA 93428
Commercial Fishing Permits Held: SABLE ENDORSED FIXED GEAR, NEARSHORE SALMON AND SOUTHERN ROCK CRAB.

b) Name: _____ Phone No: (_____) _____
Email: _____
Address: _____
Commercial Fishing Permits Held: _____

*List additional applicants on a separate page.

3) Number of vessels: 1

a) Vessel Name: DORADO Registration Number: 1176889
Name of Operator: ROGER CULLEN
Commercial Fishing Permits Held: SEE ABOVE

b) Vessel Name: _____ Registration Number: _____
Name of Operator: _____
Commercial Fishing Permits Held: _____

*List information for additional vessels and operators on a separate page.

4) Commercial Fishing Experience of EFP Participants:

1a) DSBG - Years: 10 Type of participation: GROUND FISH LONGLINE

1b) Other Swordfish gear - Type(s): _____
Years: _____ Type of Participation: _____

1c) Other gear(s) - Type(s): DEEP SET VERTICAL HOOK AND LINE
Years: 30 Type of Participation: GROUND FISH

2a) DSBG - Years: 2 Type of participation: EFP PARTICIPANT (ROSMAN REA PROJECT)

2b) Other Swordfish gear - Type(s): _____
Years: _____ Type of Participation: _____

2c) Other gear(s) - Type(s): GROUND FISH FISH TRAPS
Years: 30 Type of Participation: NEARSHORE AND RESEARCH

*List information for additional EFP participants on a separate page.

5) Proposed EFP duration: TWO TO FIVE YEARS

Justification: BEING SEASONAL THIS WILL ALLOW ADEQUATE TIME TO PERFECT

6) Intended DSBG Configuration: Standard (Attachment A) Modified (please explain)

WE WILL BE USING A HYDRAULIC SNAPPER HAULER, 10 SPOOLS OF 600 LB BRAIDED DACRON LINE WITH ATTACHMENTS AS INDICATED IN ATTACHMENT A

7) Target Species: Swordfish ~~only~~ Other (please list):

BIGTAIL OPAH, THRESHOL SHARK, BLUE FIN TUNA

8) Fishing Area and Effort (indicate all that apply):

a) Southern California Bight (Point Conception to the U.S.-Mexico Border):

i) Vessels: _____

ii) Estimate of fishing effort: _____

iii) Additional details: _____

b) Central California (Point Reyes to Point Conception):

i) Vessels: ONE

ii) Estimate of fishing effort: AUGUST THROUGH DECEMBER EACH YEAR

iii) Additional details: PRIMARILY FROM LUCIA BANK (LUCIA)

c) Northern California (42° N. latitude to Point Reyes):

i) Vessels: _____

ii) Estimate of fishing effort: _____

iii) Additional details: _____

d) Oregon (Columbia River to 42° N. latitude):

i) Vessels: _____

ii) Estimate of fishing effort: _____

iii) Additional details: _____

9) Data Gaps: Which of the following data gaps are addressed by your Exempted Fishing Permit application, and how will they be addressed? (See Attachment B) Check all that apply:

a) Bycatch & protected species interactions How? DAY FISHING ONLY, DEEP HOOK SETS TO AVOID PROTECTED SPECIES INTERACTIONS. ALL FISHING ACTIVITY DOCUMENTED BY OUR OBSERVER AND/OR LOG BOOK. FISHING SETS WILL BE BLOW THROUGHLINE. SEE ATTACHMENT B

b) Active gear tending How? GEAR WILL BE CONSISTENTLY MONITORED DURING FISHING ACTIVITY. ONLY ONE OR TWO SETS WILL BE DEPLOYED UNTIL CURRENT IS OBSERVED TO ENSURE A ACCEPTABLE GROUPING, THEREAFTER ONLY THE ONLY THE QUANTITY OF GEAR THAT CAN BE OBSERVED PROPERLY. GEAR WILL BE SET CORREANT FOLLOWING FATHOM CURVE APPROPRIATE DISTANCE BETWEEN SETS, TWO LD 2 BOUYS WITH MARKERS.

c) Gear conflicts/number of vessels How? CLOSE RADIO COMMUNICATIONS IS STANDARD WITH DSBG. SET POINTS ARE COMMUNICATED WITH APPROACHING FISHING VESSELS. SET AREA IS CONSISTENTLY MONITORED WITH RADAR AND AIS. SEVERAL VESSELS COULD POTENTIALLY WORK IN THE PROPOSED AREA (SAN LUCIA BANK)

d) DSBG time and area use How? WITH THE USE OF TWO HYDRAK SWAPPER REELS WITH PULKS, 10 ALUMINUM SPOOLS WITH ATTACHMENT SNAPS THIS GEAR CAN BE DEPLOYED AND RETRIEVED IN A VERY EFFICIENT MANNER. THIS WILL ENSURE GEAR WILL BE WITHIN PERMITTED FISHING DAY HOURS.

e) Gear configuration How? SEE ATTACHMENT "A", MONOFILAMENT MAIN LINE MAY BE SUBSTITUTED WITH HIGH STRENGTH BRAIDED DACRON LINE. THIS WILL PROMOTE EFFICIENT DECK SPACE. (MAIN LINE ON COMPACT REELS)

f) Concurrent gear use How? TO MAINTAIN GOOD OBSERVATION OF SET GEAR DEPLOYED WE WILL NOT BE ENGAGING IN ANY OTHER FISHING ACTIVITY THAT MAY DISTRACT FROM DSBG. WE WILL HAVE A CONTINGENCY PLAN TO SET DEEP WITH LONGLINE SETS FOR SABLE FISH IF THERE IS NO PRODUCTION WITH DSBG. THIS WILL TAKE PLACE AFTER DSBG DAY GEAR IS RETRIEVED AND WILL HELP PAY FOR OBSERVATION COSTS.

10) Reporting Requirements: Please answer questions identified in application instructions.
ALL TERMS AND CONDITIONS OF THIS PROPOSED EFP WILL BE STRICTLY FOLLOWED AS INDICATED IN ATTACHMENT C PARAGRAPH F. THIS EFP WILL BE THE THIRD WE WILL HAVE PARTICIPATED IN. THREE YEARS WITH THE TRAWL GEAR SWITCHING EFP WITH TML, TWO RECENT YEARS PARTICIPATING IN THE ROCKFISH RGA PROJECT AND SEVERAL YEARS WITH GRUNDISF RESEARCH PROJECTS (MOSS MARINE LAB, CAL POLY ETC. WE ARE VERY FAMILIAR WITH AND FOLLOWING REPORTING REQUIREMENTS.

11) Observer Coverage:

I acknowledge that observer coverage may be required on up to 100% of my EFP fishing trips, and verify that I am willing and able to cover the cost of such coverage.

If you are unable to cover the entire cost of the observer coverage requirement, please explain what portion you may be able to cover and identify other sources of funding which may be available to help you cover observer costs.

WE WILL HAVE A CONTINGENT PLAN FOR UNSUCCESSFUL TRIPS AFTER HOURS WE WILL SET OUR LONGLINE GEAR FOR SABLEFISH AND SHORTSPINE TO COVER TRIP COSTS INCLUDING OBSERVER COVERAGE.

12) Applicant(s) Signature:



2/14/17

Date

Attachment A: Specification of Standard DSBG Configuration

The following description is based on the gear description in the February 1, 2015, PIER EFP application (Agenda Item H.3.a, Attachment 2, March 2016. See also C. A. Sepulveda, C. Heberer, and S. A. Aalbers. 2014. Development and Trial of Deep-set Buoy Gear for Swordfish, *Xiphias gladius*, in the Southern California Bight. *Marine Fisheries Review* 76(4): 28-36.).

DSBG configuration

The DSBG configuration consists of a three-float system which includes two strike-indicator floats (3.2 kg) and one 36 cm diameter (21 kg), non-compressible longline float. The configuration also includes a hi-flyer locator flag and a radar reflector or strobe to prevent gear loss (see diagram below). Collectively, each piece of DSBG includes from 270 to 320 m of monofilament mainline rigged with 1-3 monofilament gangions.

Gear may contain up to three monofilament gangions branching from the mainline, all of which must be positioned at depths below 100 m (see diagram below). Gangions are to be constructed of monofilament (no-wire) with a single 18/0 circle hook (Mustad model 39960D) baited with either squid or mackerel. Battery-operated illumination may be used at the juncture of the mainline and gangion. One or two of the branching gangions are used to target swordfish at depths between 700 and 1200m. A third optional hook can be fished at >90m to target opah and common thresher shark when available.

One full set of DSBG is defined as 10 individual pieces of gear deployed simultaneously (maximum of 30 hooks/set).

Gear Deployment

DSBG is deployed along a maximum horizontal distance of 6 km. Once deployed, DSBG is continually monitored visually and vessels must remain within the immediate area (<3 nm) of any one piece of gear. All gear must be labelled with the vessel's name, official number, or other designation as specified by NMFS.

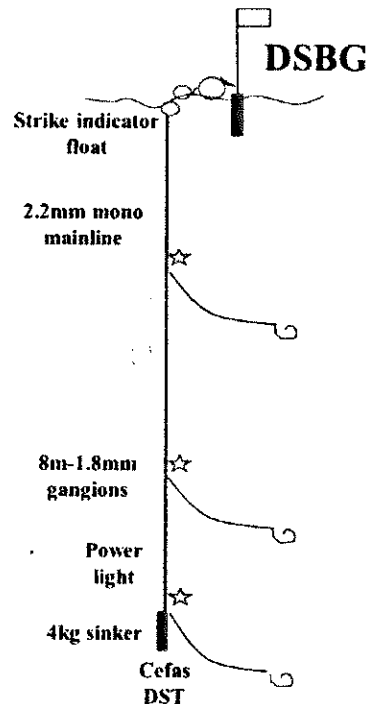


Diagram of Deep-set Buoy Gear Configuration