

Partnership for Sustainable Oceans Target and Nontarget Data Observation Forms and Observation Procedures

Please **return forms to**
Hanan & Associates, Inc.
PO Box 8914
Rancho Santa Fe, CA 92067

The Partnership for Sustainable Oceans (PSO) is collecting information about ocean recreational fishing in nearshore southern California waters. We are documenting all fish caught by anglers, separated by target fish (fish anglers are trying to catch) and non-target fish (fish caught in addition to target fish). We are recording these catches as number (#) kept by the angler or returned back into the ocean as #dead or #alive. PSO has contracted with Hanan & Associates, Inc. to conduct this study with trained observers aboard Commercial Passenger Fishing Vessels (CPFV, partyboats).

We are also asking for volunteer observers and individual anglers to assist in this study by downloading our forms and reporting all recreational catches from any nearshore ocean fishing (private boats, charter boats, shore, and pier fishing, etc.) Please download, print, and use these forms (attached) which are the same forms our observers are using.

It is also very important that everyone participating in this survey fill out the forms **accurately, completely, and honestly**. There can be neither over nor under reporting of any caught or released fish. **All data will be tested for bias and calibrated.**

The attached forms are arranged to be printed on two sheets of paper, front and back. In the upper left portion of page one, fill in the fishing trip information including: total number of fishing stops, observer's name, date (yr, mo, day), boat number, boat name, county, landing, total anglers on the boat, Trip type (TrpTyp 1-7, if not CPFV please indicate 7 and write in type of fishing on edge of form), and captain's name.

In the top center section and across, please complete for each fishing location: mode of fishing that you are observing (see Mode: information box on left, i.e. 1=surface fishing, 2=kelp bed, etc), latitude, longitude, site name or description if no lat/long, time and site name or description (if no GPS available) at the start of each fishing stop, record ending latitude, longitude, and time for stops where the boat does not set anchor; record maximum depths and water temperatures if available, number of anglers you are observing (when many fish are being caught, you may be able to accurately observe only a few anglers: 5, 10, 20, etc.), please record whether the anglers you observe are using lures or bait (alive or strips), fill in target boxes sometimes there will be more than one kind of target fish (see information box: Targets). **Again, all of the above information must be reported for each fishing stop.**

In the lower left section of the form record fish caught by species (please be as accurate as possible when identifying the fish, ask crew members to verify or take pictures and send with the form). Please count all fish caught and record as a target fish or nontarget fish by number kept, number released dead, or number released alive. Use the dot and line counting method shown at the top left of pages 2 and 4. If you have more than 4 stops on a fishing trip, continue on pages 2-4. If you run out of space to record catches of a particular fish, move down to the next available line write in the name and continue the counts.

Thank you for contributing to this important fishery survey.