Marine Life Protection Act Initiative

Update of Ecotrust Fisheries Uses and Values Project

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Presentation to the MLPA South Coast Regional Stakeholder Group
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Overview

- Current status of datasets (new datasets)
- Summary of survey methods and summary statistics report
- Additional information and products

Use of Survey Information

- Planning: Data are to be used to inform the marine protected area design process through use of regional and port level maps and summary statistics
- Evaluation: Use the survey data and maps to:
  - Evaluate the maximum potential impacts of various MPA proposals on commercial and recreational fishing grounds
  - Evaluate maximum potential economic impact on commercial fisheries
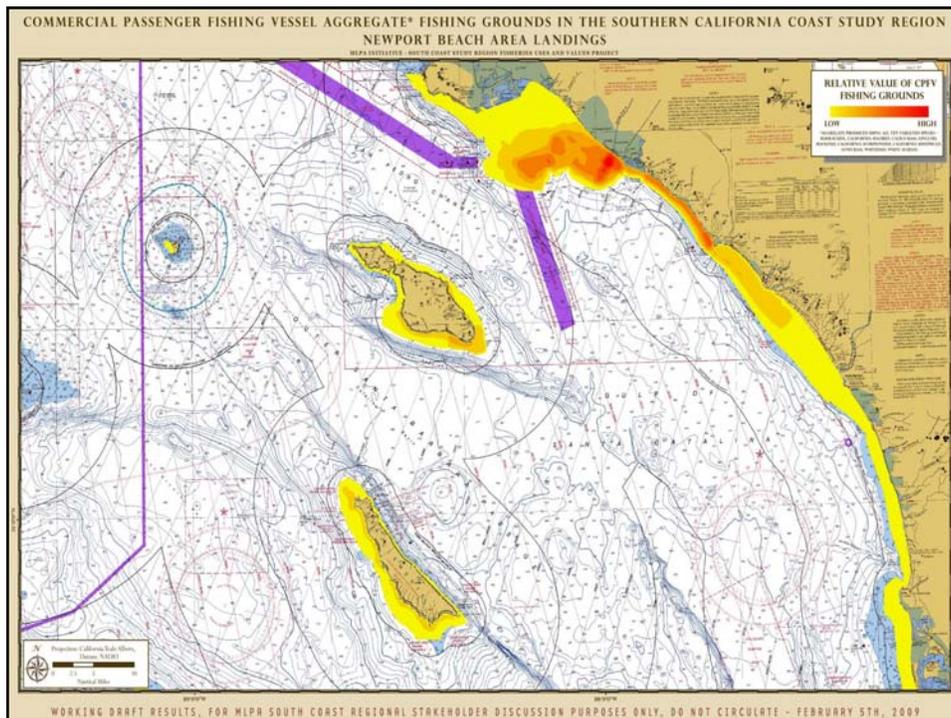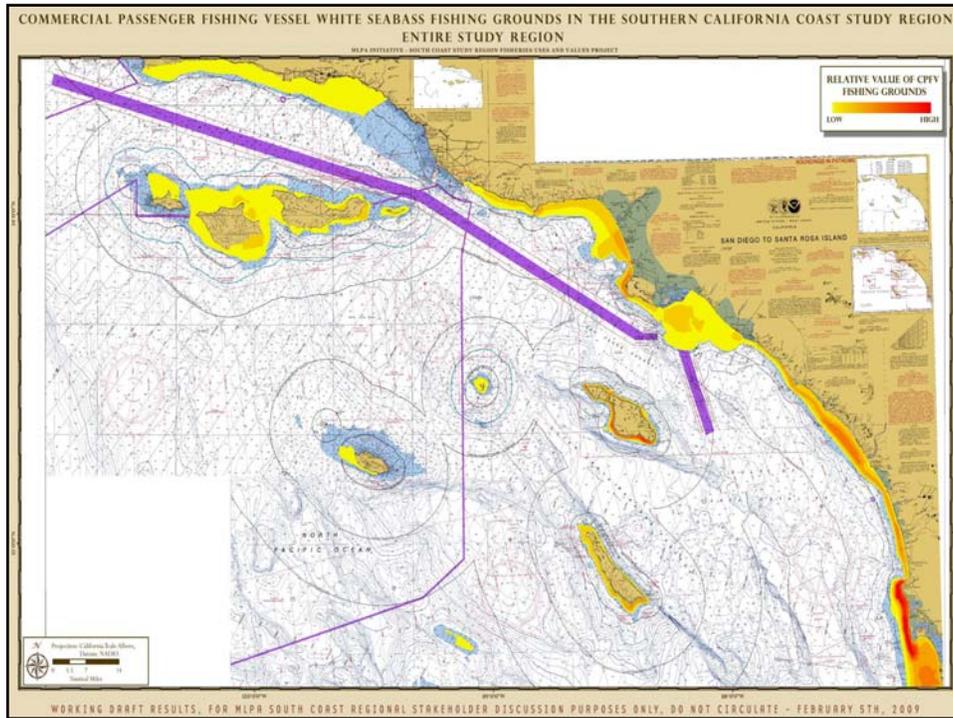
Current Status of Datasets: Commercial

- All commercial fishing grounds are now available in MarineMap and print copy
  - Unless it is noted that they are restricted due to confidentiality constraints
- For a complete list, please refer to Appendix B in the survey methods and summary statistics report, which lists the datasets available for each port and study region

Current Status of Datasets: CPFV

- Most commercial passenger fishing vessel (CPFV) fishing grounds are now available in MarineMap and print copy
  - Currently finalizing fishing grounds for bonito, yellowtail and tuna (splitting the vessels out by trip length)
- Refer to Appendix C in the survey methods and summary statistics report, which lists the datasets available for each port and study region
  - The table in Appendix C also lists the number of respondents by species and port

COMMERCIAL PASSENGER FISHING VESSEL AGGREGATE* FISHING GROUNDS IN THE SOUTHERN CALIFORNIA COAST STUDY REGION
NEWPORT BEACH AREA LANDINGS

WORKING DRAFT RESULTS, FOR MLPA SOUTH COAST REGIONAL STAKEHOLDER DISCUSSION PURPOSES ONLY, DO NOT CIRCULATE - FEBRUARY 5TH, 2009

COMMERCIAL PASSENGER FISHING VESSEL WHITE SEABASS FISHING GROUNDS IN THE SOUTHERN CALIFORNIA COAST STUDY REGION
ENTIRE STUDY REGION

WORKING DRAFT RESULTS, FOR MLPA SOUTH COAST REGIONAL STAKEHOLDER DISCUSSION PURPOSES ONLY, DO NOT CIRCULATE - FEBRUARY 5TH, 2009
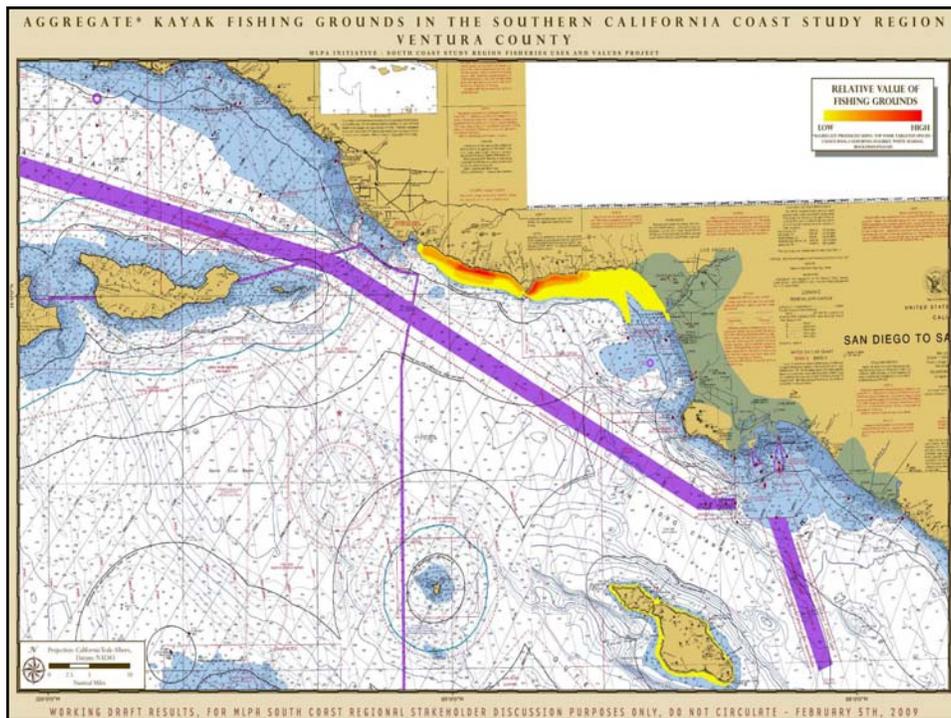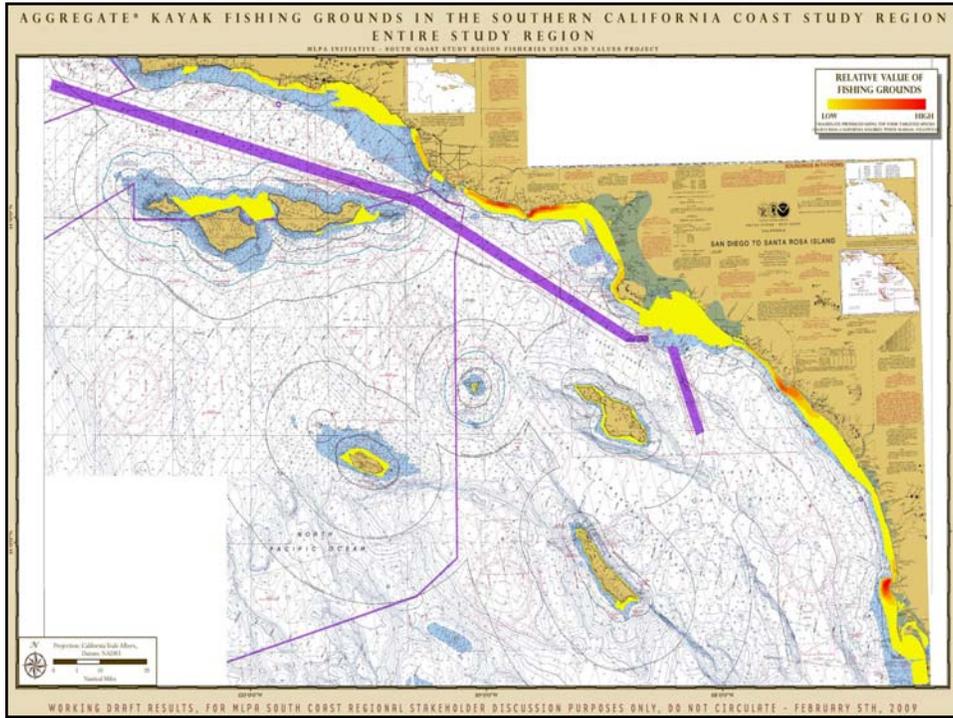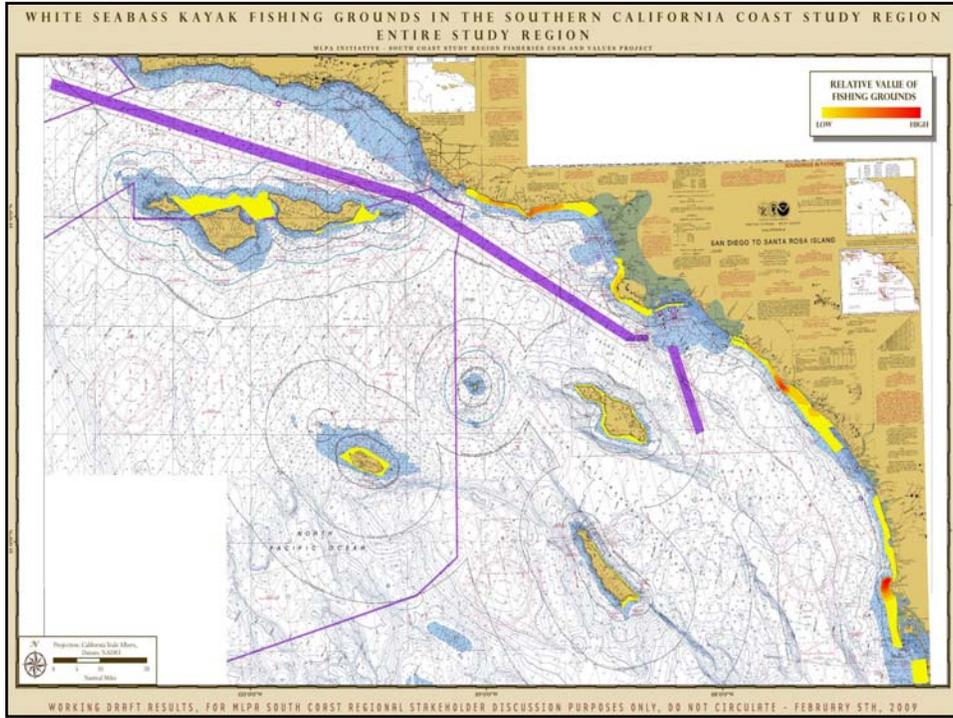
Current Status of Datasets: Recreational

- Recreational fishing grounds are now available in MarineMap and print copy for dive, kayak, and private vessel
- Datasets are presented
  - by species for each county
  - in aggregate (targeted species by mode) for each county and across the study region
  - for certain target species across the study region (by mode)
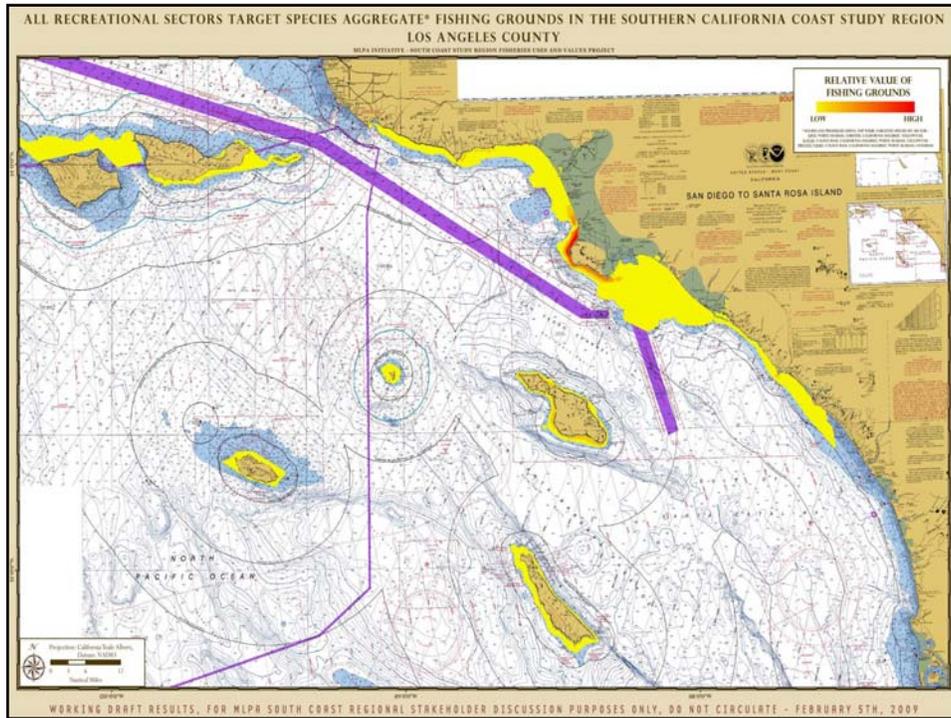 - in aggregate across modes for each county

Current Status of Datasets: Recreational

- Refer to Appendices D (dive), E (kayak), and F (private vessel) in the survey methods and summary statistics report, which list datasets available for each county and study region
  - The tables also list the number of respondents by species and county
  - Also, further description of the aggregated datasets mentioned on the previous slide

ALL RECREATIONAL SECTORS TARGET SPECIES AGGREGATE* FISHING GROUNDS IN THE SOUTHERN CALIFORNIA COAST STUDY REGION
LOS ANGELES COUNTY

WORKING DRAFT RESULTS, FOR MLPA SOUTH COAST REGIONAL STAKEHOLDER DISCUSSION PURPOSES ONLY, DO NOT CIRCULATE - FEBRUARY 5TH, 2009

Survey Methods and Summary Stats

- Draft report available
  - Overview and background on data collection methods
  - Description of survey representation for each sector (i.e. percentage of ex-vessel revenue for commercial fisheries – see Table 1)
  - Summary of demographic and other commercial fishery profile information collected (i.e. age, gender, years experience fishing, percentage of income form fishing, vessel length – see Tables 3 & 4)

Survey Methods and Summary Stats

- Similar information presented for CPFV
  - Number of respondents and percentage of total by port/landing – Table 5
  - Average days fishing per year, number of passengers, and out of state passengers – Table 6
  - Percentage of income from fishing, operating, labor, and fuel costs – Table 7
  - Percentage of trips associated with major fishing strategies – Table 8
  - Trip type and trip length by port – Table 9

Survey Methods and Summary Stats

- Similar information presented for recreational fishing
  - Number of surveys completed by user group – Table 11
  - Average age, years experience, and days fishing - Tables 12, 14, 16, & 17
  - Mode specific questions (i.e. percentage of time fishing shore vs. islands, primary diving mode, access method, and level of experience)
  - Primary access locations for kayak and private vessels - Tables 15 & 18

Survey Methods and Summary Stats

- Appendix A – Summary of south coast study region commercial fisheries considered based on 2000-07 average ex-vessel revenue
    - Percentage of total study region fisheries revenues
    - Percentage of total CA statewide fisheries revenues
    - Percentage of CA statewide fisheries landed in study region
- From 2000-07, on average, the south coast study region lobster trap fishery accounted for 12% of study region fishery related revenues and 8% of CA (total) fishery related revenues. During that same time frame, on average, 99.9% of all lobster trap fishery related revenues for the entire state came from the south coast study region

Additional Information and Products

- If there is additional information that you'd like to see analyzed or presented differently, please make a formal request to MLPA Initiative staff
- We'll consult with staff how and by when to accommodate the request; we cannot respond to individual requests
- Draft MPA impact evaluation methods (included with the other SAT evaluation methods)
- Data is being integrated into the UC Davis and UC Santa Barbara bioeconomic models