

Marine Life Protection Act Initiative



Staff Evaluations of North Central Coast MPA Proposals and the Integrated Preferred Alternative

Presentation to the California Fish and Game Commission and the
MLPA Blue Ribbon Task Force
June 11, 2008 • Sacramento, CA

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Evaluation/Summary Documents

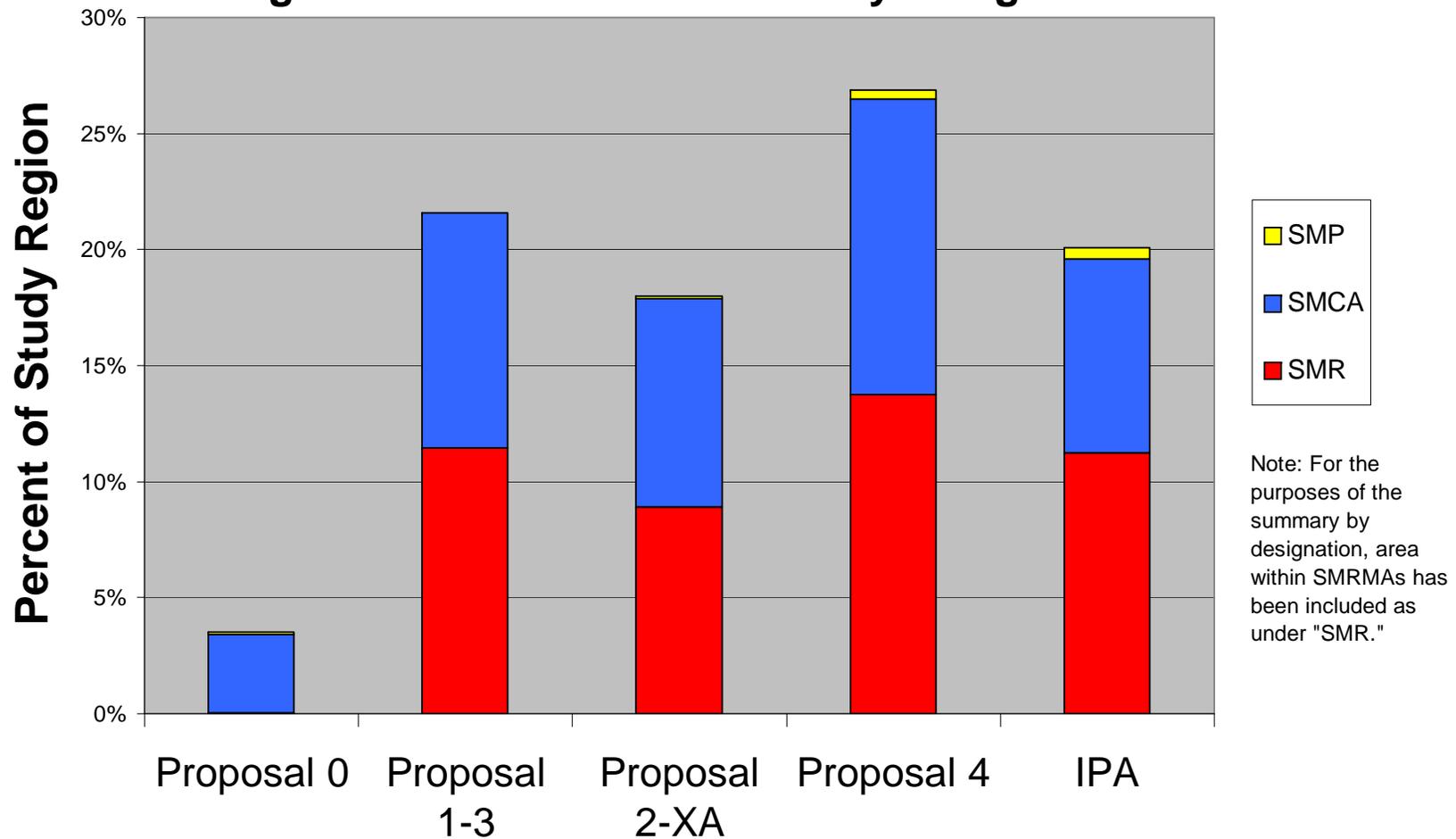
| Evaluation | Source |
|---|---------------|
| Proposal Templates and Narratives | Staff/RSG |
| Habitat Calculations | Staff |
| Staff Summaries | Staff |
| Area Histograms | Staff |
| Maps of Proposals | Staff |
| Goal 3 Evaluation | Staff |
| Feasibility Analysis | DFG |
| Abalone Fishery Evaluation | DFG |
| Goals and Objectives Analysis | DFG |
| Habitat Representation and Replication (Goal 1 and 4) | SAT |
| Size and Spacing Analysis (Goal 2 and 6) | SAT |
| Birds and Mammals Analysis (Goal 2) | SAT |
| Commercial/Recreational Fisheries Analysis (Ecotrust) | SAT/Ecotrust |

Evaluation documents available at: <http://www.dfg.ca.gov/mlpa/nccrsg-evaluations.asp>

Area in MPAs By Designation



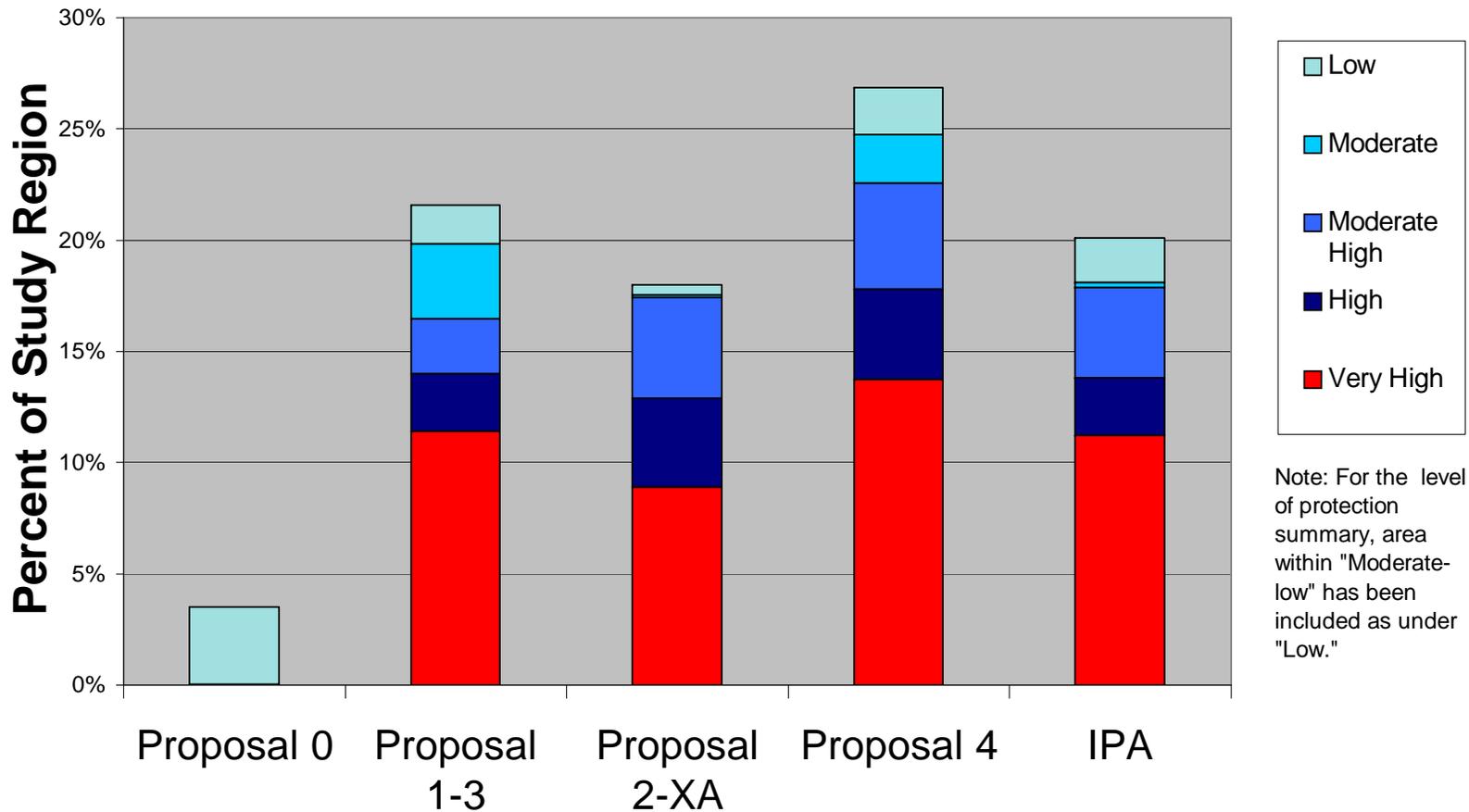
Comparison of Existing MPAs, NCCRSG MPA Proposals, & Integrated Preferred Alternative by Designation





Area in MPAs by Level of Protection

Comparison of Existing MPAs, NCCRSG MPA Proposals, & Integrated Preferred Alternative by Level of Protection





Goal 3 Evaluation

MLPA Goal 3: To improve recreational, educational, and study opportunities provided by marine ecosystems that are subject to minimal human disturbance, and to manage these uses in a manner consistent with protecting biodiversity

Goal 3 Evaluation -

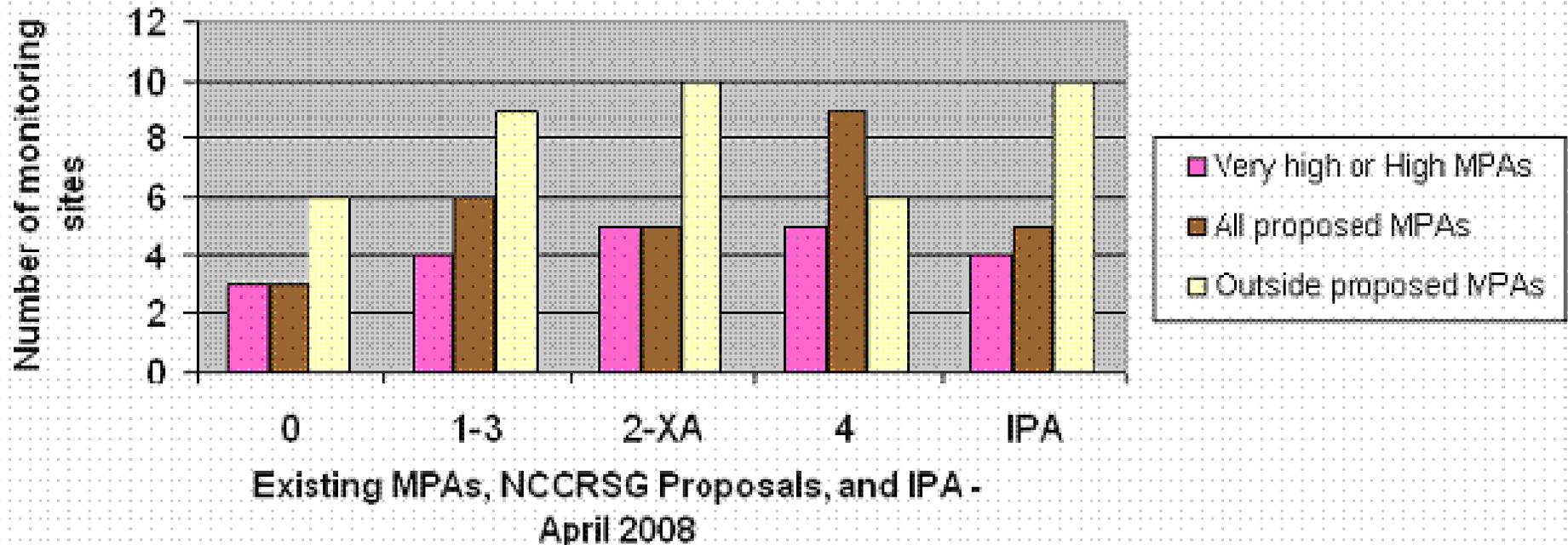
- Number of access points within or near proposed MPAs
- Distance of proposed MPAs to boat ramps, launches, and ports
- Distance of proposed MPAs from major marine research institutions
- Number of long term marine research monitoring sites
- Replication of habitats within the study region

(See Goal 3 Evaluation memo for details)



Goal 3: Research/education example

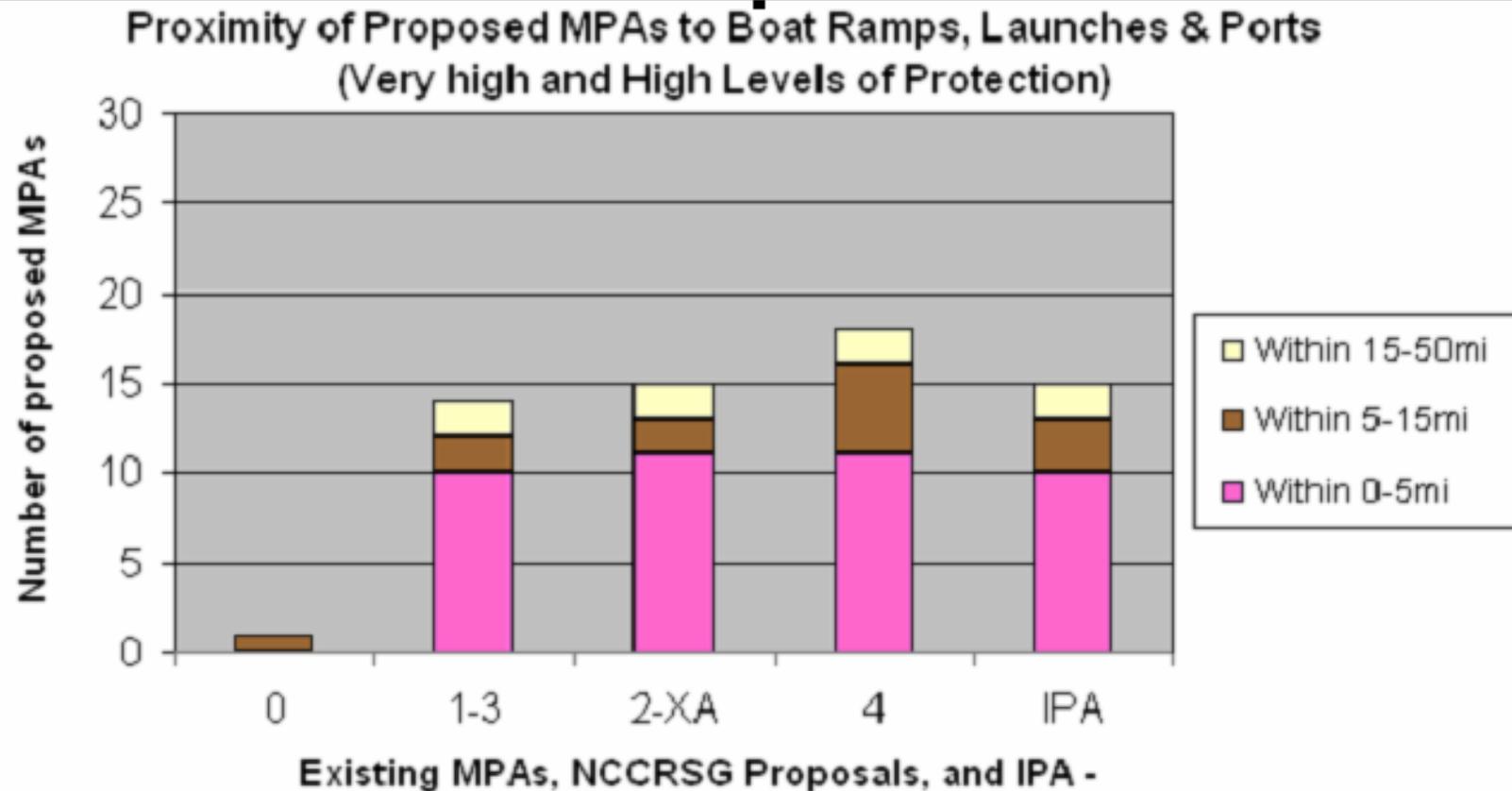
Long-term PISCO Monitoring Sites Located within Proposed MPAs



All 4 proposals include existing long-term monitoring sites both within and outside MPAs



Goal 3: Recreation / Access Example



All 4 proposals include MPAs with greater proximity to access points, boat ramps, ports, etc. than existing MPAs



Summary

- MPA proposals range from 18-27% of study region (9-14% within SMRs)
- Integrated Preferred Alternative includes 20% of study region (11% in SMRs)
- Goal 3 evaluation shows similar results for all proposals, with more access, recreational and research opportunities than existing MPAs
- Staff worked closely with Science Advisory Team to provide habitat calculations and other analyses to support their evaluation