

# California Marine Life Protection Act Initiative

## Department of Fish and Game Enforcement, Education and Outreach Action Plan

Presented to the MLPA Blue Ribbon Task Force  
May 23, 2005

# Enforcement Assets and Deployment

## Patrol Boats and Personnel

1. 7 Large patrol Boats with 22 peace officers and 5 support staff
  1. Eureka
  2. San Francisco
  3. Monterey
  4. Morro Bay
  5. Ventura
  6. Long Beach
  7. Dana Point
2. Duties include enforcement of all commercial and sport fishing regulations, water pollution incidents, and fishery management plans

# Enforcement Assets and Deployment

## Shore Based Enforcement Personnel and Equipment

1. Provide both marine and inland patrols, 30 – 40 personnel
2. Small patrol boats in each major and some minor harbors
3. Duties include land based duties, marine commercial and recreational inspections at ports and near shore patrols

# Marine Protected Area Enforcement Considerations

## 1. MPA Design Critical

- Adjacent to shore
- Number and type of access points
- Straight line boundaries
- MPA proximity to each other
- Number of MPAs
- Size of individual MPAs
- Natural barriers to enforcement

# Marine Protected Areas Enforcement Considerations

2. Level and type of enforcement depends on goals and objectives
3. Law enforcement options include:
  - Patrol for detection and apprehension of violators
  - Use of high tech tools
  - Use of education and outreach tools
4. Timelines for implementation
5. Funding considerations
6. Hiring & training of new personnel, 2 years

# Enforcement Objectives

1. Have an effective operations capability
2. Maintain and develop partnerships with other agencies
3. Work directly with stakeholders
4. Use education and outreach tools

# Enforcement Strategy 1-A Additional Enforcement

## Activities

1. Hire additional officers
2. Identify high-use and sensitive areas
3. Provide for program supervision
4. Develop remote observation techniques
5. Provide for straight line boundaries

# Enforcement Strategy 1-B

Expand Federal & State Agreements  
Develop Procedures & Training

## Activities

1. Develop interagency agreements
2. Develop standard operating procedures
3. Develop a standardized training program

# Education and Outreach Objectives

1. Provide leadership in MPA education
2. Develop education & outreach programs
3. Develop educational cooperative agreements
4. Educate the public & education professionals
5. Increase MPA awareness and voluntary compliance to MPA regulations

## Enforcement Action Plan

# Education and Outreach Action Plan Strategies 1-9

1. Training, Workshops and School Programs
2. Education Advisory Board
3. Public Forum
4. Special Events
5. Professional Development of Staff
6. Printed Materials
7. Audio-Visual Materials
8. Signs, Displays and Exhibits
9. Public Service Announcements

# Deployment Example for the Central Coast Project Area

- Approximately 190 miles in length
- Natural dividing point for patrol purposes is the Big Sur coast
- Number or array of MPAs unknown
- Level of protection requested unknown

# Deployment Example for the Central Coast Project Area

## Minimum Additional Coverage

- 5 days per week, 8 hours per day  
(days and hours of day vary)
- 2 squads of 4 Wardens & 1 Lieutenant each  
Total of 10 persons
- 1 squad from Pigeon Pt. to Big Sur
- 1 squad from Big Sur to Pt. Conception

# Enforcement Costs

## Approximate Enforcement Costs Year 1

Coverage	Costs 1 Squad	Costs 2 Squads
24/7	\$ 4,250,000	\$ 8,500,000
16/7	\$ 3,200,000	\$ 6,400,000
8/5	\$ 1,500,000	\$ 3,000,000

Squad = 4 Wardens/1 Lt.

# Enforcement Costs

## Approximate Enforcement Costs Years 2-4

Coverage	Costs 1 Squad	Costs 2 Squads
24/7	\$2,000,000	\$ 4,000,000
16/7	\$1,500,000	\$ 3,000,000
8/5	\$ 500,000	\$ 1,000,000

Squad = 4 Wardens/1 Lt.