Disclaimer

"This report has been reviewed by the Pacific Outer Continental Shelf Region, Minerals Management Service, U.S. Department of the Interior and approved for publication. The statistical information contained in the Index was gathered from contractual and in-house publications. Mention of trade names or commercial products does not constitute endorsement or recommendations for use. This report has not been edited for conformity with Minerals Management Service editorial standards. All efforts were made to follow newly implemented MMS publications guidelines."
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*Studies may be listed more than once if applicable to two or more planning areas.*
Introduction

The following material is an index of past and current contracts/studies and their reports produced through the Minerals Management Service (MMS) Environmental Studies Program in the Pacific Outer Continental Shelf (OCS) Region. Many of these contracts/studies are specific to one or more Pacific OCS Region Planning Areas (Northern, Central and Southern California, and Oregon and Washington), while a few are "national contracts/studies" with results applicable to all OCS Regions. This index provides interested parties with a quick reference to Pacific OCS Region environmental contracts/studies by discipline topic, contract number and planning area.

Information is also provided on report availability. In most cases, reports can be obtained through the MMS Depository Library network (see Section 14) and/or through the National Technical Information Service (NTIS [see Section 14]). Most reports are available for review at the Pacific OCS Region office. A limited number of current reports are available without cost from the Pacific OCS Region for a period of one year from the announcement of the report on a first come basis. For more information on report availability, please call Ms. Frieda Star at (213) 894-2062.

The Branch of Environmental Studies, Headquarters, has contracted many studies which are applicable to Pacific OCS Region Planning Areas not listed in this index. To obtain a list of these studies, please contact: U.S. Department of Interior, Minerals Management Service, Branch of Environmental Studies, MS 644, Parkway Atrium Bldg., 381 Elden St., Herndon, VA 22070-4817.

An update of the index will be issued at the end of each year from date of printing. Information on the status of contracts may also be found in the Environmental Studies Section’s Quarterly Report and the Pacific OCS Region Current Events.

If readers have any questions regarding this index, please contact Joann Golden, Technical Information Specialist, Environmental Studies Section, Pacific OCS Region, 1340 W. 6th St., Los Angeles, CA 90017 or (213) 894-3379.
Contract and Report Format

The Pacific OCS Region Studies Program was initiated in 1974 under the Bureau of Land Management (BLM). In May 1982, all active contracts were administered within the Minerals Management Service (MMS).

Listed below is a format description for each completed or active study supported by the Pacific OCS Region.

Each study is issued as a Contract (CT), Interagency Agreement (IA), Memorandum of Understanding (MU), Cooperative Agreement (CA), or MMS Contract Number. CTs/IAs/MUs/CAs issued under the Bureau of Land Management (BLM) are identified by the specific contract awarded in a given fiscal year (e.g., CT8-46 is the 46th contract awarded in FY 1978 by BLM; CT1-46 is the 46th contract awarded in FY 1981 by BLM). All MMS contracts in this Index have a specific 5-character number identification (e.g., 30025). For convenience, the 8-character (MMS) prefix code (14-12-0001) has not been used when studies are referred to in this index. Contracts awarded under the BLM and still active in May 1982 have dual designations (e.g., CT1-39; 29188).

**CONTRACT NO.:**
Lists the appropriate number before each contract/study identified.

**CONTRACT TITLE:**
Lists the initial contract or program title. This often differs from the final report title.

**REPORT(S):**
Lists contractual reports produced by the contractor or other parties in conjunction with the above contract or program.

**AWARD DATE:**
Lists the date of contract award and identifies whether complete or active.

**TOTAL COST:**
Lists cost of the contract.

**PLANNING AREA(S):**
Lists appropriate area(s) of contract and report(s). Studies are also indexed by planning area(s).

**PROGRAM MANAGER(S):**
Lists the administrative head or principal scientist for the study. Unless otherwise noted, affiliation is with the prime contractor.

**AFFILIATION:**
Lists the name and address of the Program Manager as stated in the contract.

**COTR:**
Lists the BLM/MMS Contracting Officer’s Technical Representative responsible for the technical monitoring of the study. Where applicable, other COTRs are included.

**AVAILABILITY:**
Lists sources of the study reports, including the National Technical Information Service (NTIS), the NTIS No.; depository libraries; and/or Pacific OCS Region (loan or reading copy). Reference numbers for final reports or special cases are noted.

**OTHER PUBLICATIONS:**
Lists publications and related material making use of study data. These often represent individual efforts of the authors to further elaborate on results obtained under the BLM/MMS contract.

The reports and publications listed within this document are a compilation of information produced from outside contracts and in-house research.
1. Air Quality

**CONTRACT NO.: CT7-18**

**CONTRACT TITLE:** Southern California Bight Air Quality Modeling


**AWARD DATE:** 04/77 (complete)

**TOTAL COST:** $131,832

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Mr. Michael Chan

**AFFILIATION:** AeroVironment, Inc., Pasadena, CA

**COTR:** Mr. Thomas Cooke

**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None

---

**CONTRACT NO.: CT8-50; 29086**

**CONTRACT TITLE:** Southern California Air Quality Assistance, Lease Sale No. 48

**REPORT(S):** AeroVironment Inc. 1978. Southern California Air Quality. EIS Sections, Lease Sale No. 48.

**AWARD DATE:** 09/78 (complete)

**TOTAL COST:** $34,265

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Unknown

**AFFILIATION:** AeroVironment, Inc., Pasadena, CA

**COTR:** Unknown

**AVAILABILITY:** Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None

---

**CONTRACT NO.: CT9-23**

**CONTRACT TITLE:** Air Quality Analysis in Relation to Potential OCS Oil and Gas Development off Central and Northern California

**REPORT(S):** Environmental Resources Group. 1980. Air Quality Analysis of the Potential Impact of Offshore Oil and Gas Development in Central and Northern...


AWARD DATE: 08/79 (complete)
TOTAL COST: $170,575
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Steve Kahane
AFFILIATION: Environmental Resources Group, Los Angeles, CA
COTR: Mr. Kevin Golden
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: IAO-43; 29018

CONTRACT TITLE: Offshore Meteorological and Tracer Measurements in Offshore Southern California Coastal Waters

REPORT(S):

AWARD DATE: 07/80 (complete)
TOTAL COST: $65,064
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Gordon Schacher
AFFILIATION: Naval Postgraduate School, Monterey, CA
COTR: Mr. Dirk Herkhof
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CTO-64; 29020
CONTRACT TITLE: Southern California Air Quality Trajectory Model Study


AWARD DATE: 09/80 (complete)
TOTAL COST: $174,548
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Steve Kahane
AFFILIATION: Environmental Resources Group, Los Angeles, CA
COTR: Mr. Kevin Golden
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: IA2-01; 29025
CONTRACT TITLE: Central California Air Quality Model Validation Study
AWARD DATE: 10/81 (complete)
TOTAL COST: $95,195
PLANNING AREA(S): Central and Southern California
PROGRAM MANAGER(S): Dr. Gordon Schacher
AFFILIATION: U.S. Naval Postgraduate School, Monterey, CA
COTR: Messrs. Martin Golden and Dirk Herkhof
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT0-56; 29101

CONTRACT TITLE: Southern California Offshore Air Quality Model Validation Study


AWARD DATE: 08/80 (complete)
TOTAL COST: $270,724
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Messrs. P. Zannetti and David Wilbur
AFFILIATION: AeroVironment, Inc., Pasadena, CA
COTR: Mr. Kevin Golden
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT1-44; 29110

CONTRACT TITLE: Air Quality Trajectory Modeling for OCS Lease Sales 73 and 80


AWARD DATE: 05/81 (complete)
TOTAL COST: $320,468
PLANNING AREA(S): Central and Southern California
PROGRAM MANAGER(S): Dr. Hamid Rastegar
AFFILIATION: Form & Substance, Inc., Westlake Village, CA
SUBCONTRACTOR(S): Jacobs Engineering Group, Inc.
COTR: Mr. Dirk Herkhof
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT2-06; 29114
CONTRACT TITLE: Central California Coastal Air Quality Model Validation Study: Data Analysis and Model Evaluation


Air Quality

AWARD DATE: 11/81 (complete)
TOTAL COST: $469,058
PLANNING AREA(S): Central California
PROGRAM MANAGER(S): Dr. Warren B. Johnson
AFFILIATION: SRI International, Menlo Park, CA; North America Weather
SUBCONTRACTOR(S): Consultants (NAWC); Brookhaven National Laboratory (BNL)
COTR: Messrs. Martin Golden and Dirk Herkhof
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30127
CONTRACT TITLE: Air Quality Modeling for California OCS Lease Sales
REPORT(S): Air Quality Impact of the Proposed OCS Lease Sale No. 91 Offshore Northern California. OCS Study MMS 87-0063. 433 pp.

AWARD DATE: 07/84 (active)
TOTAL COST: $441,329
PLANNING AREA(S): Northern and Southern California
PROGRAM MANAGER(S): Mr. James Goepel
AFFILIATION: Jacobs Engineering Group, Inc., Pasadena, CA
SUBCONTRACTOR(S): Applied Modeling, Inc.
COTR: Mr. Dirk Herkhof
AVAILABILITY: Pacific OCS Reading Copy (Active study)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30261
CONTRACT TITLE: Operation of a Portable Remote Observation of the Environment (PROBE) Station Network
REPORT(S): Information on Magnetic tape (see Contract No. 30302)

AWARD DATE: 09/85 (complete)
TOTAL COST: $20,761
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Dean Newkirk
AFFILIATION: Bureau of Reclamation, USDOI
COTR: Mr. Dirk Herkhof
AVAILABILITY: Mr. Tom Chico, Pacific OCS Region (reading copy)
CONTRACT NO.: 30277

CONTRACT TITLE: South Central Coast Cooperative Aerometric Monitoring Program - Operation of a Dual-Doppler Radar System

REPORT(S): Information on magnetic tape (see Contract No. 30302)

AWARD DATE: 08/85 (complete)
TOTAL COST: $192,500
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Bob Kropfli
AFFILIATION: NOAA, Wave Propagation Laboratory, Boulder, CO
COTR: Messrs. Dirk Herkhof
AVAILABILITY: Pacific OCS Region (reading copy)


CONTRACT NO.: 30302

CONTRACT TITLE: Production of a Data Archive for the South Central Coast Cooperative Aerometric Monitoring Program (SCCCAMP)

Air Quality


Data archive on magnetic tape

AWARD DATE: 09/86 (complete)
TOTAL COST: $358,999
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Roy Endlich
AFFILIATION: SRI International, Menlo Park, CA
COTR: Mr. Tom Chico
AVAILABILITY: Mr. Tom Chico, Pacific OCS Region (reading copy)


CONTRACT NO.: 30329
CONTRACT TITLE: South Central Coast Cooperative Aerometric Monitoring Program (SCCCAMP) Data Analysis
REPORT(S): Active contract
AWARD DATE: 09/86 (active)
TOTAL COST: $912,251
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Steven R. Hanna
AFFILIATION: Sigma Research Corporation, Westford, MA
COTR: Mr. Tom Chico
AVAILABILITY: Active contract
CONTRACT NO.: 30400

CONTRACT TITLE: Photochemical Model Evaluation and Performance for the Santa Barbara County State Implementation Plan

REPORT(S):


AWARD DATE: 07/87 (complete)
TOTAL COST: $50,000
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Thomas W. Tesche
AFFILIATION: Interagency Agreement with U.S. Environmental Protection Agency, Region IX through its contract with Engineering Science/Radian
COTR: Mr. Tom Chico
AVAILABILITY: Mr. Tom Chico, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30415

CONTRACT TITLE: Photochemical Model Evaluation

REPORT(S):

Active contract

AWARD DATE: 09/88 (active)
TOTAL COST: $148,461
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Gary Whitten
AFFILIATION: Systems Applications, Inc., San Raphael, CA
SUBCONTRACTOR(S): Radian Corporation
COTR: Mr. Tom Chico
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None
Baseline

CONTRACT NO.: CT5-52; 29079

CONTRACT TITLE: Southern California Bight Baseline, Year One

REPORT(S):


AWARD DATE: 06/75 (complete)
TOTAL COST: $3,930,264
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Richard Callahan
AFFILIATION: Science Applications, Inc., La Jolla, CA
COTR: Dr. Donald Keene
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT6-40; 29080

CONTRACT TITLE: Southern California Bight Intertidal Baseline Survey, Year Two


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Jolla, CA. Vol. III. Sections 2.4 and 2.5. 237 pp. (NTIS No. PB300351/4)


AWARD DATE: 07/76 (complete)
TOTAL COST: $6,237,532
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Eli Mishuck and Drs. Robert Shokes and William Lippincott
AFFILIATION: Science Applications, Inc., La Jolla, CA
COTR: Dr. N. Jay Bassin, and Messrs. John Lane and Martin Golden
AVAILABILITY: NTIS, Pacific OCS Region (reading copy) (journal articles unavailable)

CONTRACT NO.: CT7-44; 29083

CONTRACT TITLE: Intertidal Study of the Southern California Bight, Year Three

REPORT(S):
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<th>Year</th>
<th>Intertidal Study of the Southern California Bight.</th>
<th>Volume</th>
<th>Reports</th>
<th>Page Count</th>
<th>Affiliation</th>
<th>NTIS No.</th>
</tr>
</thead>
</table>

**AWARD DATE:** 07/77 (complete)

**TOTAL COST:** $2,137,858

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Dr. William Lippincott

**AFFILIATION:** Science Applications, Inc., La Jolla, CA

**COTR:** Mr. John Lane

**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None
3. **Biology and Ecology**

**CONTRACT NO.: CT4-01**

**CONTRACT TITLE:** A Summary of Knowledge of the Southern California Coastal Zone and Offshore Areas


**AWARD DATE:** 10/73 (complete)

**TOTAL COST:** $116,065

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Mr. Neal Lansing

**AFFILIATION:** Southern California Ocean Studies Consortium; California State Universities and Colleges: Dominque Hills, Fullerton, Long Beach, Northridge, and Pomona

**COTR:** Dr. N. Jay Bassin

**AVAILABILITY:** Pacific OCS Region Office (reading copy)

**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CT6-15**

**CONTRACT TITLE:** A Summary of Knowledge of the Oregon and Washington Coastal Zone and Offshore Areas


AWARD DATE: 10/76 (complete)
TOTAL COST: $157,184
PLANNING AREA(S): Oregon and Washington
PROGRAM MANAGER(S): Messrs. Joseph T. Pizzo and Gary W. Harshman
AFFILIATION: Oceanographic Institute of Washington, Seattle, WA
SUBCONTRACTOR(S): Human Resources Planning Institute
COTR: Dr. N. Jay Bassin
AVAILABILITY: NTIS, Pacific OCS Region Office (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT6-52; 29081

CONTRACT TITLE: A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas

REPORT(S):


Conditions. Winzler and Kelly Consulting Engineers, Eureka, CA. Vol. II. Book 1. 508 pp. (NTIS No. PB274212/0)


AWARD DATE: 08/76 (complete)
TOTAL COST: $240,951
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Messrs. Richard C. Dornhelm and Gregory B. Nesty
AFFILIATION: Winzler and Kelly Consulting Engineers, Eureka, CA
Biology and Ecology

SUBCONTRACTOR(S): U.S. Naval Post Graduate School; URS Research Company; Humboldt State University; Bodega Marine Laboratory; CSO International, Inc.; University of California, Berkeley; Oregon State University; Environmental Consulting Services; California State Polytechnic University, Pomona; Moss landing Marine Laboratory; Point Reyes Bird Observatory; William-Kuebelbeck and Associates; California State College, Sonoma

COTR: Dr. N. Jay Bassin

OTHER PUBLICATIONS: None

CONTRACT NO.: CT8-43; 29087

CONTRACT TITLE: Tanner and Cortez Banks Reconnaissance and Characterization Study


AWARD DATE: 09/78 (complete)

TOTAL COST: $658,116

PLANNING AREA(S): Southern California

PROGRAM MANAGER(S): Mr. William B. Merselis

AFFILIATION: Interstate Electronics Corporation, Anaheim, CA

COTR: Mr. Richard L. Wilhelmsen

AVAILABILITY: NTIS, Pacific OCS Region (reading copy)


CONTRACT NO.: CT9-04

CONTRACT TITLE: Mainland Rocky Intertidal Aerial Survey from Point Arguello to Point Loma

AWARD DATE: 09/79 (complete)
TOTAL COST: $9,683
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Mark Littler
AFFILIATION: University of California, Irvine, CA
COTR: Mr. Martin Golden
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: MU9-12-29010

CONTRACT TITLE: Ecological Characterization of the Central and Northern California Coastal Region

REPORT(S):


AWARD DATE: 03/79 (complete)
TOTAL COST: $697,300
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. Jay Watson
AFFILIATION: U.S. Fish and Wildlife Service, Portland, OR

COTR: Messrs. Richard L. Wilhelmsen and Martin Golden
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CTO-73; 29104

CONTRACT TITLE: Oil Spill Risk Assessment of Coastal and Marine Habitats in Central and Northern California

Biology and Ecology

AWARD DATE: 09/80 (complete)
TOTAL COST: $487,464
PLANNING AREA(S): Central and Northern California
PROGRAM MANAGER(S): Dr. Keith McDonald
AFFILIATION: Woodward-Clyde Consultants, San Francisco, CA
COTR: Mr. Martin Golden
AVAILABILITY: Pacific OCS Region (reading copy)

CONTRACT NO.: 30032

CONTRACT TITLE: Monitoring: Assessment of Long-term Changes in the Biological Communities. Phase I. Benthic Reconnaissance of the Santa Maria Basin and Western Santa Barbara Channel


AWARD DATE: 09/85 (complete)
TOTAL COST: $1,408,472
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Drs. Andrew Lissner and Robert Shokes
AFFILIATION: Science Applications Inc., La Jolla, CA
SUBCONTRACTOR(S): MBC Applied Environmental Sciences; Ecoanalysis
COTR: Dr. Fred Piltz
Biology and Ecology

AVAILABILITY: NTIS, Pacific OCS Region (reading copy)


CONTRACT NO.: 30050

CONTRACT TITLE: Mitigation of Sea Floor Conflicts Between Oil and Gas Pipelines and Commercial Trawl Fisheries on the Outer Continental Shelf


AWARD DATE: 09/83 (complete)

TOTAL COST: $212,268

PLANNING AREA(S): Central and Southern California

PROGRAM MANAGER(S): Mr. Bradley S. Ingram

AFFILIATION: Centaur Associates, Inc., Washington, DC

SUBCONTRACTOR(S): Dames & Moore, Inc.; Harry Shatto Consulting Pipeline Engineer; Leray Dewit-VTN

COTR: Mr. Martin Golden

AVAILABILITY: NTIS, Pacific OCS Region (reading copy)

OTHER PUBLICATIONS: None

CONTRACT NO.: 30057

CONTRACT TITLE: Successional and Seasonal Variation of the Central and Northern California Rocky Intertidal Communities As Related to Natural and Man-Induced Disturbances


Foster, M.S., A.P. DeVogelaere, C. Harrold, J.S. Pearse, and A.B. Thum. 1986. The Cause of Spatial and Temporal Patterns in Rocky Intertidal Communities of Central and Northern California.
Biology and Ecology


AWARD DATE: 09/84 (active)
TOTAL COST: $1,612,995
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. Alan Thum and Mr. Dane Hardin
AFFILIATION: Kinnetic Laboratories, Inc., Santa Cruz, CA
SUBCONTRACTOR(S): Moss Landing Marine Laboratories; University of California, Santa Cruz; Terra Corporation
COTR: Mr. Martin Golden
AVAILABILITY: Pacific OCS Region (reading copy)

CONTRACT NO.: 30273
CONTRACT TITLE: Study of Effects of Offshore Geophysical Acoustic Survey Operations on Important Commercial Fisheries in California

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Biology and Ecology


AWARD DATE: 09/85 (complete)
TOTAL COST: $509,885
PLANNING AREA(S): All Pacific OCS Region planning areas
PROGRAM MANAGER(S): Mr. Eiji Imamura
AFFILIATION: Battelle Memorial Institute, Ventura, CA
SUBCONTRACTOR(S): BBN Laboratories, Inc.
COTR: Mr. Martin Golden
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30294
CONTRACT TITLE: California Outer Continental Shelf Fisheries Data Base


AWARD DATE: 09/85 (active)
TOTAL COST: $537,928
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Charles Mitchell
AFFILIATION: MBC Applied Environmental Sciences, Inc., Costa Mesa, CA
SUBCONTRACTOR(S): EcoAnalysis Inc.; Michael Brandman Associates
COTR: Mr. Martin Golden
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None
CONTRACT NO.: 30341

CONTRACT TITLE: Ecology of the Southern California Bight: A Synthesis and Interpretation

REPORT(S): Active contract

AWARD DATE: 08/87 (active)

TOTAL COST: $333,007

PLANNING AREA(S): Southern California

PROGRAM MANAGER(S): Dr. Murray Dailey

AFFILIATION: California Ocean Studies Consortium, California State University, Long Beach, CA

SUBCONTRACTOR(S): Southern California Coastal Water Research Project

COTR: Dr. Gary Brewer

AVAILABILITY: Active contract

OTHER PUBLICATIONS: None

CONTRACT NO.: 30388

CONTRACT TITLE: Biological Reconnaissance of Selected Benthic Habitats Within Three California OCS Planning Areas


AWARD DATE: 09/87 (active)

TOTAL COST: $934,168

PLANNING AREA(S): Northern, Central and Southern California

PROGRAM MANAGER(S): Dr. Andrew Lissner

AFFILIATION: Science Applications Inc., La Jolla, CA

SUBCONTRACTOR(S): Marine Ecological Consultants; EcoAnalysis; Remote Ocean Systems

COTR: Dr. Gary Brewer

AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)

OTHER PUBLICATIONS: None

CONTRACT NO.: 30429

CONTRACT TITLE: An Evaluation of Spawning and Recruitment Patterns of Fishes off Northern California, Oregon and Washington

REPORT(S): Active contract

AWARD DATE: 05/88 (active)

TOTAL COST: $288,260
PLANNING AREA(S): Northern California, Oregon and Washington
PROGRAM MANAGER(S): Dr. Art Kendall
AFFILIATION: NOAA, Marine Fisheries Service, Northwest and Alaska Fisheries Center, Seattle, WA
SUBCONTRACTOR(S): Oregon State University, Corvallis, OR
COTR: Dr. Gary Brewer
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None

CONTRACT NO.: 30445

CONTRACT TITLE: Fish Assemblages of Rocky Banks of the Pacific Northwest
REPORT(S): Active contract
AWARD DATE: 06/88 (active)
TOTAL COST: $487,439
PLANNING AREA(S): Oregon and Washington
PROGRAM MANAGER(S): Dr. David Stein
AFFILIATION: Oregon State University, Corvallis, OR
SUBCONTRACTOR(S): Benech Biological Associates
COTR: Dr. Gary Brewer
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None

CONTRACT NO.: 30454

CONTRACT TITLE: Washington, Oregon, and California OCS Fisheries Data Base
REPORT(S): Active contract
AWARD DATE: 09/88 (active)
TOTAL COST: $448,509
PLANNING AREA(S): All Pacific OCS Region Planning Areas
PROGRAM MANAGER(S): Dr. Russel Porter (PMFC)
AFFILIATION: Pacific Marine Fisheries Commission (PMFC), Seattle, WA
SUBCONTRACTOR(S): Washington Department of Fisheries; Oregon Department of Fish and Wildlife; Northwest Indian Fisheries Commission; and EcoAnalysis, Inc.
COTR: Mr. Martin Golden
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None
4. **Endangered Species**

**CONTRACT NO.: CT5-28**

**CONTRACT TITLE:** Marine Mammal and Seabird Survey of the Southern California Bight Area Year I.

**REPORT(S):**


**AWARD DATE:** 04/75 (complete)

**TOTAL COST:** $652,000

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Drs. Kenneth Briggs, Ken Norris, George Hunt, and Burney LeBouef

**AFFILIATION:** University of California at Santa Cruz and Irvine

**COTR:** Dr. Donald Keene and Mr. Gordon Reetz

**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:**


CONTRACT NO.: CT6-26

CONTRACT TITLE: Southern California Marine Mammal and Seabird Study Year II.


AWARD DATE: 04/76 (complete)
TOTAL COST: $1,028,951
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Drs. Ken Norris, George Hurt, and Burney Le Bouef
AFFILIATION: University of California at Santa Cruz and Irvine
COTR: Dr. Donald Keene and Mr. Gordon Reetz
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT7-36; 29082

CONTRACT TITLE: Summary of Marine Mammals and Seabirds Surveys of the Southern California Bight Area Year III


Endangered Species


AWARD DATE: 07/77 (complete)
TOTAL COST: $971,104
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Thomas P. Dohl
AFFILIATION: University of California at Santa Cruz and Irvine
COTR: Mr. Gordon Reetz
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)

CONTRACT NO.: MU9-13; 29088

CONTRACT TITLE: Seabird Nesting and Seasonal Use: Survey for the Central and Northern California Coastal Region


AWARD DATE: 04/79 (completed)
TOTAL COST: $147,492
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. Jay Watson
AFFILIATION: U.S. Fish and Wildlife Service, Portland, OR
COTR: Mr. Gordon Reetz
AVAILABILITY: USFWS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT9-33; 29090

CONTRACT TITLE: Central and Northern California Marine Mammal and Seabird Study


**AWARD DATE:** 09/79 (complete)
**TOTAL COST:** $3,714,914
**PLANNING AREA(S):** Northern and Central California
**PROGRAM MANAGER(S):** Mr. William T. Doyle
**AFFILIATION:** University of California, Santa Cruz, Center for Marine Studies, Santa Cruz, CA
**COTR:** Mr. Gordon R. Reetz
**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)


CONTRACT NO.: 30023

CONTRACT TITLE: Synthesis of Available Population Information on California Sea Otters


AWARD DATE: 04/83 (complete)

TOTAL COST: $6,160

PLANNING AREA(S): Central and Southern California

PROGRAM MANAGER(S): Dr. Robert L. Brownell, Jr.

AFFILIATION: U.S. Fish and Wildlife Service, Denver, CO

COTR: Mr. Gordon R. Reetz

AVAILABILITY: NTIS, Pacific OCS Region (reading copy)

OTHER PUBLICATIONS: None
# Endangered Species

**CONTRACT NO.:** 30033  
**CONTRACT TITLE:** Population Status of California Sea Otters  
**AWARD DATE:** 09/83 (complete)  
**TOTAL COST:** $1,187,090  
**PLANNING AREA(S):** Central and Southern California  
**PROGRAM MANAGER(S):** Dr. Donald Siniff  
**AFFILIATION:** University of Minnesota, St. Paul, MN  
**COTR:** Mr. Gordon Reetz  
**AVAILABILITY:** NTIS, Depository Libraries, Pacific OCS Region (reading copy)  

**CONTRACT NO.:** 30157  
**CONTRACT TITLE:** Sea Otter Oil Spill Mitigation Study  
**AWARD DATE:** 09/84 (complete)  
**TOTAL COST:** $473,247  
**PLANNING AREA(S):** Central and Southern California  
**PROGRAM MANAGER(S):** Dr. Jeannette Thomas and R.W. Davis  
**AFFILIATION:** Hubbs Marine Research Institute, San Diego, CA  
**COTR:** Mr. Gordon Reetz  
**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)  
ENDANGERED SPECIES

CONTRACT NO.: 30183

CONTRACT TITLE: California Seabird Ecology Study


AWARD DATE: 09/84 (complete)
TOTAL COST: $541,323
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Kenneth Briggs
AFFILIATION: University of California at Santa Cruz
COTR: Mr. Gordon Reetz
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)


CONTRACT NO.: 30224

CONTRACT TITLE: A Risk Analysis Model for Marine Mammals and Seabirds: A Southern California Bight Scenario


AWARD DATE: 09/84 (complete)
TOTAL COST: $58,979
PLANNING AREA(S): Southern California
Endangered Species

PROGRAM MANAGER(S): Dr. R. Glenn Ford
AFFILIATION: Ecological Consulting, San Diego, CA
COTR: Mr. Gordon Reetz
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region Office (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30256

CONTRACT TITLE: Sea Otter Oil Spill Avoidance Study

REPORT(S):

AWARD DATE: 09/85 (complete)
TOTAL COST: $550,680
PLANNING AREA(S): All Pacific OCS planning Areas
PROGRAM MANAGER(S): Dr. Randall Davis
AFFILIATION: Hubbs Marine Research Institute, San Diego, CA
SUBCONTRACTORS: Tetra Tech, University of Minnesota
COTR: Mr. Gordon Reetz
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)

CONTRACT NO.: ON14257

CONTRACT TITLE: Diving Patterns of Free Swimming Female Northern Elephant Seals

REPORT(S):

AWARD DATE: 12/15/86 (complete)
TOTAL COST: $20,000 (FY 86, 87 and 88)
PLANNING AREA(S): Central and Southern California
Endangered Species

PROGRAM MANAGER(S): Dr. Burney J. Le Bouef
AFFILIATION: University of California at Santa Cruz
COTR: Mr. Gordon Reetz
AVAILABILITY: Reading copy of progress report and Journal Article are available at Pacific OCS Region Office

CONTRACT NO.: 30306
CONTRACT TITLE: Gray Whale Monitoring Study
REPORT(S): Active contract
AWARD DATE: 04/86 (active)
TOTAL COST: $188,195
PLANNING AREA(S): All Pacific OCS Region planning areas
PROGRAM MANAGER(S): Mr. Robert Ware
AFFILIATION: MBC Applied Environmental Sciences, Costa Mesa, CA
COTR: Mr. Gordon Reetz
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None

CONTRACT NO.: 30426
CONTRACT TITLE: Oregon and Washington Marine Mammal and Seabird Surveys
REPORT(S): Active contract
AWARD DATE: 09/88 (active)
TOTAL COST: $1,484,586
PLANNING AREA(S): Oregon and Washington
PROGRAM MANAGER(S): Dr. John J. Brueggeman
AFFILIATION: Envirosphere Company, Bellevue, WA
COTR: Mr. Gordon Reetz
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None

CONTRACT NO.: 30451
CONTRACT TITLE: Biological Impacts of Translocated Sea Otters
REPORT(S): Active contract
Endangered Species

AWARD DATE: 09/88 (active)
TOTAL COST: $90,652
PLANNING AREA(S): Central and Southern California
PROGRAM MANAGER(S): Dr. Donald Siniff
AFFILIATION: University of Minnesota, St. Paul, MN
COTR: Mr. Gordon Reetz
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None

CONTRACT NO.: 30456

CONTRACT TITLE: Seabird Nesting Survey for the Central and Northern California Region and Preparation of the Catalog of California Seabird Colonies

REPORT(S): Active contract

AWARD DATE: 08/88 (active)
TOTAL COST: $180,000
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. David Gilmer
AFFILIATION: U.S. Fish and Wildlife Service (IA), Dixon, CA
SUBCONTRACTOR(S): Humboldt State University
COTR: Mr. Gordon Reetz
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None
5. **Fates, Effects and Chemistry**

**CONTRACT NO.: CT7-38**

**CONTRACT TITLE:** Barium and Vanadium Methodology Study


**AWARD DATE:** 09/77 (complete)
**TOTAL COST:** $24,669
**PLANNING AREA(S):** Northern, Central and Southern California
**PROGRAM MANAGER(S):** Dr. V. Orphan
**AFFILIATION:** Science Applications, Inc., La Jolla, CA
**COTR:** Mr. John Lane
**AVAILABILITY:** Pacific OCS Region (reading copy)
**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CT9-02**

**CONTRACT TITLE:** Formation Water Dispersion Study


**AWARD DATE:** 1979 (complete)
**TOTAL COST:** $10,000
**PLANNING AREA(S):** Southern California
**PROGRAM MANAGER(S):** Dr. Tom Dickey
**AFFILIATION:** University of Southern California, Department of Geology, Los Angeles, CA
**COTR:** Mr. John Lane
**AVAILABILITY:** Pacific OCS Region (reading copy)
**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CTO-70; 29102**

**CONTRACT TITLE:** California Seabird Oil Spill Behavior Study


AWARD DATE: 09/80 (complete)
TOTAL COST: $496,294
PLANNING AREA(S): All Pacific OCS Region planning areas
PROGRAM MANAGER(S): Dr. Daniel Varoujean
AFFILIATION: Nero and Associates, Inc., Portland, OR
COTR: Mr. Gordon R. Reetz
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CTO-74; 29105

CONTRACT TITLE: California Commercial/Sport Fish and Shell Fish Oil Toxicity Study


AWARD DATE: 09/80 (complete)
TOTAL COST: $1,032,364
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Robert Kanter
AFFILIATION: MBC Applied Environmental Sciences, Costa Mesa, CA
COTR: Dr. Fred Piltz
AVAILABILITY: NTIS, Pacific OCS Region Office (reading copy)
Fates, Effects and Chemistry

CONTRACT NO.: CT1-60; 29112

CONTRACT TITLE: Seabird Oil Toxicity Study


AWARD DATE: 09/81 (complete)
TOTAL COST: $1,012,922
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Drs. C. Richard Grau and M. Fry
AFFILIATION: Nero & Associates, Inc., Portland, OR
SUBCONTRACTORS: Point Reyes Bird Observatory, University of California at Davis
COTR: Messrs. Martin Golden and Gordon Reetz
AVAILABILITY: Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT2-54 - 29122

CONTRACT TITLE: An Evaluation of Effluent Dispersion and Fate Models for OCS Platforms


AWARD DATE: 09/82 (complete)
TOTAL COST: $56,868
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Mr. Rick Ware
AFFILIATION: MBC Applied Environmental Scientists, Costa Mesa, CA
COTR: Dr. Fred Piltz
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None
**CONTRACT NO.: 30056**

**CONTRACT TITLE:** Assessment of the Long-Term Fate and Effective Methods of Mitigation of California OCS Platform Particulate Discharges


**AWARD DATE:** 09/83 (complete)
**TOTAL COST:** $219,537
**PLANNING AREA(S):** All Pacific OCS planning areas
**PROGRAM MANAGER(S):** Mr. Brian Balcom
**AFFILIATION:** Continental Shelf Associates, Inc., Ventura, CA
**COTR:** Dr. Fred Piltz
**AVAILABILITY:** Pacific OCS Region (reading copy)
**OTHER PUBLICATIONS:** None

**CONTRACT NO.: 30159**

**CONTRACT TITLE:** Adaptations of Marine Organisms to Chronic Hydrocarbon Exposure

**REPORT(S):** Active contract

**AWARD DATE:** 09/84 (active)
**TOTAL COST:** $1,717,233
**PLANNING AREA(S):** All Pacific OCS planning areas
**PROGRAM MANAGER(S):** Mr. Dane Hardin
**AFFILIATION:** Kinnetic Laboratories, Inc., Santa Cruz, CA
**SUBCONTRACTOR(S):** University of California, Lawrence Livermore Laboratories
**COTR:** Dr. Fred Piltz and Mr. Martin Golden
**AVAILABILITY:** Active contract


**CONTRACT NO.: 30262**

**CONTRACT TITLE:** Monitoring: Assessment of Long-Term Changes in Biological Communities: Phase II

**REPORT(S):**


**AWARD DATE:** 07/86 (active)

**TOTAL COST:** $5,582,044

**PLANNING AREA(S):** Central and Southern California

**PROGRAM MANAGER(S):** Dr. Jeffrey Hyland

**AFFILIATION:** Battelle Ocean Sciences, Ventura, CA

**SUBCONTRACTOR(S):** Kinnetic Laboratories, Inc.; Woods Hole Oceanographic Institute

**COTR:** Dr. Gary Brewer

**AVAILABILITY:** NTIS, Depository Libraries, Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:**


Fates, Effects and Chemistry


6. Geology

**CONTRACT NO.: MU5-34**

**CONTRACT TITLE:** Environmental Geology of Selected Areas of the Southern California Continental Borderland


**AWARD DATE:** 1975-1977 (complete)

**TOTAL COST:** $105,900

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Mr. S. H. Clarke, Jr.

**AFFILIATION:** U.S. Geological Survey, Menlo Park, CA

**COTR:** Mr. John Lane

**AVAILABILITY:** U.S. Geological Survey, Menlo Park, CA

**OTHER PUBLICATIONS:** None

**CONTRACT NO.: MU8-09**

**CONTRACT TITLE:** Potential Geological Hazards to Oil and Gas Development in the Eel River Basin Northern California and Coos Bay, Oregon


**AWARD DATE:** 02/78 (complete)

**TOTAL COST:** $131,126

**PLANNING AREA(S):** Northern California and Oregon

**PROGRAM MANAGER(S):** Messrs. S.H. Clarke and M.E. Field

**AFFILIATION:** U.S. Geological Survey, Menlo Park, CA

**COTR:** Mr. John Lane

**AVAILABILITY:** U.S. Geological Survey, Menlo Park, CA

**OTHER PUBLICATIONS:** None
### Geology

**CONTRACT NO.: MU8-10**

**CONTRACT TITLE:** Erosion and Transport of Sediments and Pollutants on the San Pedro Shelf, Southern California


**AWARD DATE:** 02/78 (complete)

**TOTAL COST:** $237,774

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Messrs. D.A. Cacchione, D.E. Drake, and H.A. Karl

**AFFILIATION:** U.S. Geological Survey, Menlo Park, CA

**COTR:** Mr. John Lane

**AVAILABILITY:** U.S. Geological Survey, Menlo Park, CA

**OTHER PUBLICATIONS:** None

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**CONTRACT NO.: MU8-15**

**CONTRACT TITLE:** Southern California Shelf and Ridge Geophysical and Geological Hazards Study


**AWARD DATE:** 04/78 (complete)

**TOTAL COST:** $121,684

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Messrs. H.G. Greene, S.H. Clarke, Jr., and M.E. Field

**AFFILIATION:** U.S. Geological Survey, Menlo Park, CA

**COTR:** Mr. John Lane

**AVAILABILITY:** U.S. Geological Survey, Menlo Park, CA

**OTHER PUBLICATIONS:** None

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**CONTRACT NO.: MU9-19**

**CONTRACT TITLE:** Geologic Hazards Assessment for Proposed Lease Sale 53, Central and Northern California

AWARD DATE: 07/79 (complete)
TOTAL COST: $241,670
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. Jerome Foreman
AFFILIATION: U.S. Geological Survey, Menlo Park, CA
COTR: Mr. John Lane
AVAILABILITY: U.S. Geological Survey, Menlo Park, CA
OTHER PUBLICATIONS: None

CONTRACT NO.: IA1-22; 29107

CONTRACT TITLE: California Geological Hazards Assessment for Proposed Lease Areas for OCS Sales 73 and 80


AWARD DATE: 03/81 (complete)
TOTAL COST: $348,260
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Brian Edwards
AFFILIATION: U.S. Geological Survey, Menlo Park, CA
COTR: Mr. Richard L. Wilhelmsen
AVAILABILITY: U.S. Geological Survey, Menlo Park, CA
OTHER PUBLICATIONS: None
7. Physical Oceanography and Meteorology

**CONTRACT NO.:** IA2-02; 29026

**CONTRACT TITLE:** Central California Nearshore Current Study

**REPORT(S):**


**AWARD DATE:** 11/78 (complete)

**TOTAL COST:** $74,000

**PLANNING AREA(S):** Central California

**PROGRAM MANAGER(S):** Mr. C. N. Mooers

**AFFILIATION:** Naval Postgraduate School, Monterey CA.

**COTR:** Mr. Sigurd Larson

**AVAILABILITY:** Pacific OCS Region (reading copy)


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**CONTRACT NO.:** IA9-02

**CONTRACT TITLE:** A Climatological and Oceanographic Analysis of the California Pacific OCS Region


**AWARD DATE:** 11/78 (complete)

**TOTAL COST:** $393,700

**PLANNING AREA(S):** Northern, Central and Southern California

**PROGRAM MANAGER(S):** Mr. R.G. Williams
AFFILIATION: NOAA, Environmental Data and Information Center, Boulder, CO
COTR: Mr. Richard Wilhelmsen and Dr. Fred Piltz
AVAILABILITY: NTIS, Pacific OCS Region (reading copy)

CONTRACT NO.: CTO-62

CONTRACT TITLE: Summary and Analysis of Northern California Meteorological Buoy Data


AWARD DATE: 09/80 (complete)
TOTAL COST: $38,773
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Mr. Joseph Catalano
AFFILIATION: Aerocomp, Inc., Costa Mesa, CA
COTR: Dr. Fred Piltz
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: IAO-29; 29097

CONTRACT TITLE: Establishment and Operation of a Northern California Meteorological Buoy Network

(see subsequent Contract Nos. 29109, 30008, 30143, 30248, 30303, 30435, 30352, and 30425 for information on completion date and cost)


AWARD DATE: 1980 (complete)
TOTAL COST: $304,100
PLANNING AREA(S): Northern and Central California
Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

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Data available from NDBC and NODC

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Physical Oceanography and Meteorology
AWARD DATE: FY 1985 (continuation of Contract No. 30143)
TOTAL COST: $670,000

CONTRACT NO.: 30303 (29097.07)
CONTRACT TITLE: Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
AWARD DATE: FY 1986 (complete)
TOTAL COST: $681,907

CONTRACT NO.: 30352 (29097.08)
CONTRACT TITLE: Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
AWARD DATE: FY 1987 (complete)
TOTAL COST: $715,907

CONTRACT NO.: 30425 (29097.08 cont’d)
CONTRACT TITLE: Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
AWARD DATE: FY 1988 (active)
TOTAL COST: $700,000

CONTRACT NO.: CT1-67; 29113
CONTRACT TITLE: California Shelf Physical Oceanography Circulation Model

REPORT(S):


Physical Oceanography and Meteorology


AWARD DATE: 10/81 (complete)
TOTAL COST: $629,874
PLANNING AREA(S): All Pacific OCS Region planning areas
PROGRAM MANAGER(S): Dr. James Herring
AFFILIATION: Dynalysis of Princeton, Inc., Princeton, NJ
COTR: Mr. Sigurd Larson
AVAILABILITY: Pacific OCS Region (reading copy)
CONTRACT NO.: CT2-63; 29123
CONTRACT TITLE: Santa Barbara Channel Circulation Model and Field Study
REPORT(S):


AWARD DATE: 09/02 (complete)
TOTAL COST: $2,491,468
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. J. Herring
AFFILIATION: Dynalysis of Princeton, Princeton, NJ
SUBCONTRACTOR(S): Science Application, Inc.
COTR: Mr. Sigurd Larson
AVAILABILITY: Pacific OCS Region (reading copy)


CONTRACT NO.: 30020
CONTRACT TITLE: Central California Coastal Circulation Study

AWARD DATE: 09/83 (active)
TOTAL COST: $3,080,932
PLANNING AREA(S): Central and Southern California
PROGRAM MANAGER(S): Dr. Robert Tait
AFFILIATION: Raytheon Service Co., Ventura, CA
SUBCONTRACTOR(S): Seospace; Aero Marine Surveys; Oregon State University; University of Southern California

CONTRACT NO.: 30312

CONTRACT TITLE: Northern California Coastal Circulation Study

REPORT(S): Active contract

AWARD DATE: 09/86 (active)
TOTAL COST: $5,074,767
PLANNING AREA(S): Northern and Central California
PROGRAM MANAGER(S): Dr. Bruce Magnell
AFFILIATION: EG&G Washington Analytic Services Center, Inc., Waltham, MA
SUBCONTRACTOR(S): Aero Marine; Scripps Institute of Oceanography; San Diego State University; SeaSpace, Inc.
COTR: Mr. Sigurd Larson
AVAILABILITY: Active contract

CONTRACT NO.: 30322

CONTRACT TITLE: Coastal Wave Statistical Data Base


**AWARD DATE:**
09/86 (complete)

**TOTAL COST:**
$231,848

**PLANNING AREA(S):**
All Pacific OCS Region planning areas

**PROGRAM MANAGER(S):**
Dr. Marshall Earle

**AFFILIATION:**
MEC Systems Corporation, Manassas, VA

**COTR:**
Mr. Sigurd Larson

**AVAILABILITY:**
NTIS, Depository Libraries, Pacific OCS Region (reading copy) (Vol. III-contact Mr. Larson)

**OTHER PUBLICATIONS:**
None

**CONTRACT NO.:** 30384

**CONTRACT TITLE:** An Initial Statistical Characterization of the Variability of Coastal Winds and Currents

**REPORT(S):**
Active contract

**AWARD DATE:**
03/88 (active)

**TOTAL COST:**
$254,713

**PLANNING AREA(S):**
All Pacific OCS Region planning areas

**PROGRAM MANAGER(S):**
Dr. Christopher Miller

**AFFILIATION:**
Greenhorn and O’Mara, Inc., Greenbelt, MD

**SUBCONTRACTOR(S):**
University of Wyoming; Harvard University; San Diego State University

**COTR:**
Mr. Sigurd Larson

**AVAILABILITY:**
Active contract

**OTHER PUBLICATIONS:**
None

**CONTRACT NO.:** 30389

**CONTRACT TITLE:** Coastal Circulation Along Washington and Oregon

**REPORT(S):**


AWARD DATE: 09/87 (complete)
TOTAL COST: $133,469
PLANNING AREA(S): Washington and Oregon
PROGRAM MANAGER(S): Mr. Lon Hachmeister
AFFILIATION: Envirosphere Company, Bellevue, WA
COTR: Mr. Sigurd Larson
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30397

CONTRACT TITLE: Modeling the Circulation in the Southern California Bight

REPORT(S): Active contract

AWARD DATE: 09/87 (active)
TOTAL COST: $520,075
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. James Herring
AFFILIATION: Dynalysis of Princeton, Inc., Princeton, NJ
COTR: Mr. Sigurd Larson
AVAILABILITY: Active contract
OTHER PUBLICATIONS: None
8. Program Support

**CONTRACT NO.: CT5-14**

**CONTRACT TITLE:** Southern California Public Meeting


**AWARD DATE:** 10/74 (complete)

**TOTAL COST:** $18,996

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Dr. Murray Dailey

**AFFILIATION:** Southern California Academy of Sciences, Los Angeles, CA

**COTR:** Mr. Herb Hyatt

**AVAILABILITY:** Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CT6-41**

**CONTRACT TITLE:** Northern California Public Meeting


**AWARD DATE:** 09/76 (complete)

**TOTAL COST:** $35,053

**PLANNING AREA(S):** Northern California

**PROGRAM MANAGER(S):** Dr. James Kelly

**AFFILIATION:** San Francisco State University, San Francisco, CA

**AVAILABILITY:** Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CT6-54**

**CONTRACT TITLE:** Oregon and Washington Public Meeting

**REPORT(S):** The Research Triangle Institute. 1977. Recommendations for Baseline Research in Washington and Oregon Relative to Offshore...
Program Support


AWARD DATE: 09/76 (complete)
TOTAL COST: $33,693
PLANNING AREA(S): General, Oregon and Washington
PROGRAM MANAGER(S): Messrs. Martin Massoglia and Robert Holton
AFFILIATION: The Research Triangle Institute, Portland, OR
COTR: Mr. Monte Jordan
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30021

CONTRACT TITLE: First Annual Environmental Studies Information Transfer Meeting


AWARD DATE: 10/84 (complete)
TOTAL COST: $47,827
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Unknown
AFFILIATION: Science Applications, Inc., La Jolla, CA
COTR: Dr. Fred Piltz
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30205

CONTRACT TITLE: Environmental Data Management System for the Pacific Region

REPORT(S): Not applicable

AWARD DATE: 11/84 (complete)
TOTAL COST: $199,997
PLANNING AREA(S): All Pacific OCS Region planning areas
PROGRAM MANAGER(S): Dr. James A. Donaldson
AFFILIATION: Howard University, Washington, DC
COTR: Mr. Martin Golden and Dr. Fred Piltz
AVAILABILITY: Not applicable
OTHER PUBLICATIONS: None
CONTRACT NO.: 30263

CONTRACT TITLE: Environmental Studies Information Transfer Meeting


AWARD DATE: 10/85 (complete)
TOTAL COST: $47,827
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. Rick Ware
AFFILIATION: MBC Applied Environmental Sciences, Costa Mesa, CA
COTR: Mr. James Turner
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30327


AWARD DATE: 09/86 (active)
TOTAL COST: $191,288
PLANNING AREA(S): All Pacific OCS planning areas
PROGRAM MANAGER(S): Mr. Robert R. Ware
AFFILIATION: MBC Applied Environmental Sciences, Costa Mesa, CA
COTR: Mr. Neville Chow and Dr. Fred Piltz
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30368

CONTRACT TITLE: Conference/Workshop on Recommendations for Studies in Washington and Oregon Relative to Offshore Oil and Gas Development

Program Support


AWARD DATE: 09/87 (complete)
TOTAL COST: $80,846
PLANNING AREA(S): Oregon and Washington
PROGRAM MANAGER(S): Ms. Janet Mandaville and Dr. Paul Fishman
AFFILIATION: Bio Tech Communications, Portland, OR
SUBCONTRACTORS: Fishman Environmental Services
COTR: Mr. Martin Golden
AVAILABILITY: Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None
9. **Social and Economics**

**CONTRACT NO.: CT7-32**

**CONTRACT TITLE:** Southern California Bight Archaeological Literature Survey and Sensitivity Zone Mapping


**AWARD DATE:** 05/77 (complete)

**TOTAL COST:** $131,832

**PLANNING AREA(S):** Southern California

**PROGRAM MANAGER(S):** Mr. Eli Mishuck

**AFFILIATION:** Science Applications, Inc., La Jolla, CA

**COTR:** Dr. N. Jay Bassin

**AVAILABILITY:** NTIS, Pacific OCS Region (reading copy)

**OTHER PUBLICATIONS:** None

**CONTRACT NO.: CT9-02**

**CONTRACT TITLE:** Land Use and Economic Impacts in the San Francisco Bay Area Region

**REPORT(S):** Wambem, D., and M. Osborn. 1980. Land Use and Economic Impacts in the San Francisco Bay Area Region

**AWARD DATE:** 09/79 (complete)

**TOTAL COST:** $9,416

**PLANNING AREA(S):** Northern and Central California

**PROGRAM MANAGER(S):** Mr. Stan Hoffman, ABAG

**AFFILIATION:** Association of Bay Area Governments, Oakland, CA

**COTR:** Messrs. John Lane and Bill Peters

**AVAILABILITY:** Pacific OCS Region (reading copy)

CONTRACT NO.: CTO-63; 29019

CONTRACT TITLE: Inventory and Evaluation of California Coastal Recreation and Aesthetic Resources


AWARD DATE: 09/80 (complete)
TOTAL COST: $235,976
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Dr. Ted Miller
AFFILIATION: The Granville Corporation, Washington, DC
COTR: Mr. Martin Golden
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: CT1-01

CONTRACT TITLE: The Impacts of Proposed OCS Lease Sale No. 68 on Public Services in Santa Barbara County


AWARD DATE: 01/81 (complete)
TOTAL COST: $9,899
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. M. Dyett
AFFILIATION: Blayney-Dyett; Urban and Regional Planners, San Francisco, CA
COTR: Mr. Martin Golden
AVAILABILITY: Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30026

CONTRACT TITLE: Cumulative Socioeconomic Impacts of OCS Oil and Gas Development in the Santa Barbara Channel Region


AWARD DATE: 09/83 (complete)
TOTAL COST: $171,200
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Mr. Michael L. Frankel
AFFILIATION: Centaur Associates, Inc., Washington, DC
COTR: Mr. Martin Golden
AVAILABILITY: NTIS, Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30164

CONTRACT TITLE: Development of Baseline Data for Socioeconomic Characterization and Modeling in California as Related to Offshore Oil and Gas Activities


AWARD DATE: 10/84 (complete)
TOTAL COST: $126,446
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. Jorge E. Rivera
AFFILIATION: ECOS Management Criteria, Inc., Cypress, CA
SUBCONTRACTOR(S): Centaur Associates, Inc.
COTR: Mr. Martin Golden
AVAILABILITY: Depository Libraries, Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None

CONTRACT NO.: 30166

CONTRACT TITLE: Impacts of Outer Continental Shelf Development on Recreation and Tourism

REPORT(S):


AWARD DATE: 09/84 (complete)
TOTAL COST: $271,407
PLANNING AREA(S): Northern, Central and Southern California
PROGRAM MANAGER(S): Dr. James Merchant
AFFILIATION: David M. Dornbusch and Co., San Francisco, CA
COTR: Mr. Sigurd Larson
AVAILABILITY: Pacific OCS Region (reading copy)
OTHER PUBLICATIONS: None
CONTRACT NO.: 30272

CONTRACT TITLE: Archaeological Resource Study: Morro Bay to Mexican Border


AWARD DATE: 1987 (complete)
TOTAL COST: $100,953
PLANNING AREA(S): Southern California
PROGRAM MANAGER(S): Mr. G. Shiller
AFFILIATION: PS Associates, Cardiff, CA
COTR: Dr. Ed Friedman
AVAILABILITY: NTIS, Pacific OCS Region (loan or reading copy) (Isopach Maps available at POCS Region on microfiche)

OTHER PUBLICATIONS: None

CONTRACT NO.: 30315

CONTRACT TITLE: Baseline Socioeconomic Profile of California, Oregon and Washington Coastal Counties


Vol. I, Chapters 1-2, (NTIS No. PB89217608/AS)
Vol. II, Chapters 3-4, (NTIS No. PB89217616/AS)
Vol. III, Chapters 5-6, (NTIS No. PB89217624/AS)
Vol. IV, Chapters 7-8, plus appendices (NTIS No. PB89217632/AS)

Vol. I, Chapters 1-2, (NTIS No. PB89217640/AS)
Vol. II, Chapters 3-4, (NTIS No. PB89217657/AS)
Vol. III, Chapters 5-6, (NTIS No. PB89217665/AS)
Vol. IV, Chapters 7-8, plus appendices (NTIS No. PB89217673/AS)

Part 1, Vol. I, Chapters 1-3, (NTIS No. PB89217681/AS)
Part 1, Vol. II, Chapters 4-9, plus appendices (NTIS No. PB89217699/AS)
Part 2, Vol. I, Chapters 1-7, (NTIS No. PB89217707/AS)
Part 2, Vol. II, Chapters 8-9, plus appendices (NTIS No. PB89217715/AS)
(NTIS No. PB89217590/AS for set)

AWARD DATE: 09/86 (complete)
TOTAL COST: $339,487 - Years I-III
PLANNING AREA(S): All Pacific OCS planning areas
PROGRAM MANAGER(S): Dr. Paul Kolp
AFFILIATION: Centaur Associates, Inc., Washington, DC
COTR: Mr. Neville Chow and Dr. Fred Piltz
AVAILABILITY: NTIS, Depository Libraries, Pacific Region (reading copy)
OTHER PUBLICATIONS: None
Social and Economics

CONTRACT NO.: 17491

CONTRACT TITLE: Inventory and Evaluations of Washington and Oregon Coastal Recreational Resources

REPORT(S): Active contract

AWARD DATE: 09/88 (active)

TOTAL COST: $158,318

PLANNING AREA(S): Washington and Oregon

PROGRAM MANAGER(S): Mr. Darryl R. Johnson

AFFILIATION: National Park Service (IA), Seattle, WA

COTR: Mr. Gordon Reetz

AVAILABILITY: Active contract

OTHER PUBLICATIONS: None
10. Other Reports

POCS Reference Paper No. 53-1 - Proposed Oil and Gas Transportation Scenarios of Proposed OCS Sale No. 53. 27 pp. 1980.


POCS Reference Paper No. II  - Description of the Coastal Environment from Pt. Reyes to Punta Eugenia. 981 pp. 1978. 3 volumes.


Figure 1. Pacific OCS Region Planning Areas
11. **Pacific OCS Region Studies Identified by Planning Area(s)**

**Southern California Planning Area**

**Air Quality**

CT7-18  - Southern California Bight Air Quality Modeling

CT8-50;  - Lease Sale 48; Southern California Air Quality Assistance
29086

CT9-23  - Air Quality Analysis in Relation to Potential OCS Oil and Gas
Development off Central and Northern California

IAO-43;  - Offshore Meteorological and Tracer Measurements in Offshore Southern California Coastal Waters
29018

CTO-56;  - Southern California Offshore Air Quality Model Validation Study
29101

CTO-64;  - Sale 68 Air Quality Trajectory Model Study
29020

IA2-01;  - Central California Air Quality Model Validation Study
29025

29110  - Sale 73 and 80 Air Quality Modeling

30127  - Air Quality Modeling for California OCS Lease Sales

30261  - Operation of a Portable Remote Observation of the Environment (PROBE) Station Network

30277  - Operation of a Dual-Doppler Radar System

30302  - Production of a Data Archive for the South Central Coast Cooperative Aerometric Monitoring Program (SCCCAMP)

30329  - South Central Coast Cooperative Aerometric Monitoring Program (SCCCAMP) Data Analysis

30400  - Photochemical Model Evaluation and Performance for the Santa Barbara County State Implementation Plan

30415  - Photochemical Model Evaluation

**Baseline**

CT5-52;  - Southern California Baseline Study and Analysis Year I., 1975-76
29079
Southern California Planning Area

CT6-40; - Southern California OCS Environmental Baseline Study Year II., 1976-77
CT7-44; - Intertidal Study of the Southern California Bight Year III. 1977-78

Biology and Ecology

CT4-01 - A Summary of Knowledge of the Southern California Coastal Zone and Offshore Areas
CT8-43; - Tanner and Cortez Banks Reconnaissance and Characterization Study
CT9-04 - Mainland Rocky Intertidal Aerial Survey from Point Arguello to Point Loma

30032 - Monitoring: Assessment of Long-term Changes in the Biological Communities. Phase I. Benthic Reconnaissance of the Santa Maria Basin and Western Santa Barbara Channel

30050 - Mitigation of Sea Floor Conflicts Between Oil and Gas Pipelines and Commercial Trawl Fisheries on the California Outer Continental Shelf

30262 - Monitoring: Assessment of Long-Term Changes in Biological Communities: Phase II

30273 - Study of Effects of Offshore Geophysical Acoustic Survey Operations on Important Commercial Fisheries in California

30294 - California Outer Continental Shelf Fisheries Data Base

30341 - Ecology of the Southern California Bight: A Synthesis and Interpretation

30388 - Biological Reconnaissance of Selected Benthic Habitats Within Three California OCS Planning Areas

30454 - Washington, Oregon, and California OCS Fisheries Data Base

Endangered Species

CT5-28 - Marine Mammal and Seabird Survey of the Southern California Bight Area Year I.
CT6-26 - Southern California Marine Mammal and Seabird Study Year II.
CT7-36; - Summary of Marine Mammals and Seabirds Surveys of the Southern California Bight Area Year III. 1975-78

30023 - Synthesis of Available Population Information on California Sea Otters
Southern California Planning Area

30033 - Population Status of California Sea Otters
30157 - Sea Otter Oil Spill Mitigation Study
30183 - California Seabird Ecology Study
30224 - A Risk Analysis Model for Marine Mammals and Seabirds: A Southern California Bight Scenario
30256 - Sea Otter Oil Spill Avoidance Study
ON14257 - Diving Patterns of Free Swimming Female Northern Elephant Seals
30306 - Gray Whale Monitoring Study
30451 - Biological Impacts of Translocated Sea Otters

Fates, Effects and Chemistry

CT7-38 - Barium and Vanadium Methodology Study
CT9-02 - Formation Water Dispersion Study
CT0-70; - California Seabird Oil Spill Behavior Study
29102
CT0-74; - California Commercial/Sport Fish and Shell Fish Oil Toxicity Study
29105
CT1-60; - Seabird Oil Toxicity Study
29112
CT2-54; - An Evaluation of Effluent Dispersion and Fate Models for OCS Platforms
29122
30056 - Assessment of the Long-Term Fate and Effective Methods of Mitigation of California OCS Platform Particulate Discharges
30159 - Adaptations of Marine Organisms to Chronic Hydrocarbon Exposure
30262 - Monitoring: Assessment of Long-Term Changes in Biological Communities: Phase II

Geology

MU5-34 - Environmental Geology of Selected Areas of the Southern California Continental Borderland
MU8-10 - Erosion and Transport of Sediments and Pollutants on the San Pedro Shelf, Southern California
Southern California Planning Area

MU8-15 - Southern California Shelf and Ridge Geophysical and Geological Hazards Study

IA1-22; - California Geological Hazards Assessment for Proposed Lease Areas for OCS Sales 73 and 80

Physical Oceanography and Meteorology

IA9-02 - A Climatological and Oceanographic Analysis of the California Pacific OCS Region

CT0-62 - Summary and Analysis of Northern California Meteorological Buoy Data

IAO-29; - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network 29097

CT1-67; - California Shelf Physical Oceanographic Circulation Model

IA1-40; - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network (Also see 29097)

29107 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

29113 - Santa Barbara Channel Circulation Model and Field Study

30008 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30143 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30248 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30303 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30352 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30425 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

CT1-67; - California Shelf Physical Oceanography Circulation Study 29113

30020 - Central California Coastal Circulation Study

30322 - Coastal Wave Statistical Data Base
Southern California Planning Area

30384  - An Initial Statistical Characterization of the Variability of Coastal Winds and Currents

30397  - Modeling the Circulation in the Southern California Bight

Social and Economics

CT7-32  - Southern California Bight Archaeological Literature Survey and Sensitivity Zone Mapping

CT0-63; 29019  - Inventory and Evaluation of California Coastal Recreation and Aesthetic Resources

CT1-01  - The Impacts of Proposed OCS Lease Sale No. 68 on Public Services in Santa Barbara County

30026  - Cumulative Socioeconomic Impacts of OCS Oil and Gas Development in the Santa Barbara Channel Region: A Case Study

30164  - Development of Baseline Data for Socioeconomic Characterization and Modeling in California as Related to Offshore Oil and Gas Activities

30166  - Impacts of Outer Continental Shelf Development on Recreation and Tourism

30315  - Baseline Socioeconomic Profile of California, Oregon and Washington Coastal Counties

Program Support

CT5-14  - Southern California Public Meeting

30021  - First Annual Environmental Studies Information Transfer Meeting

30263  - Environmental Studies Information Transfer Meeting

30205  - Environmental Data Management System for the Pacific Region

Central California Planning Area

Air Quality

CT9-23 - Air Quality Analysis in Relation to OCS Potential Oil and Gas Development off the Central and Northern California Coast

IA2-01; - Central California Air Quality Model Validation Study
29025

CT2-06; - Central California Coastal Air Quality Model Validation Study:
29114 Data Analysis and Model Evaluation
29110 - Sale 73 and 80 Air Quality Modeling

Baseline

None

Biology and Ecology

MU9-12; - Ecological Characterization of the Central and Northern California Coastal Region
29010

CT6-52; - A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas
29081

CT0-73; - Oil Spill Risk Assessment of Coastal and Marine Habitats in Central and Northern California
29104

30050 - Mitigation of Sea Floor Conflicts Between Oil and Gas Pipelines and Commercial Trawl Fisheries on the California Outer Continental Shelf

30057 - Successional and Seasonal Variation of the Central and Northern California Rocky Intertidal Communities As Related to Natural and Man-Induced Disturbances

30273 - Study of Effects of Offshore Geophysical Acoustic Survey Operations on Important Commercial Fisheries in California

30294 - California Outer Continental Shelf Fisheries Data Base

30388 - Biological Reconnaissance of Selected Benthic Habitats Within Three California OCS Planning Areas

30454 - Washington, Oregon, and California OCS Fisheries Data Base
Central California Planning Area

Endangered Species

MU9-13; - Seabird Nesting and Seasonal Use: Survey for the Central and Northern California Coastal Region
29088
29090 - Central and Northern California Marine Mammal and Seabird Study
30023 - Synthesis of Available Population Information on California Sea Otters
30033 - Population Status of California Sea Otters
30157 - Sea Otter Oil Spill Mitigation Study
30183 - California Seabird Ecology Study
30256 - Sea Otter Oil Spill Avoidance Study
ON14257 - Diving Patterns of Free Swimming Female Northern Elephant Seals
30306 - Gray Whale Monitoring Study
30451 - Biological Impacts of Translocated Sea Otters
30456 - Seabird Nesting Survey for the Central and Northern California Region and Preparation of the Catalog of California Seabird Colonies

Fates, Effects and Chemistry

CT7-38 - Barium and Vanadium Methodology Study
CT0-70; - California Seabird Oil Spill Behavior Study
29102
CT0-74; - California Commercial/Sport Fish and Shell Fish Oil Toxicity Study
29105
CT1-60; - Seabird Oil Toxicity Study
29112
CT2-54; - An Evaluation of Effluent Dispersion and Fate Models for OCS Platforms
29122
30056 - Assessment of the Long-Term Fate and Effective Methods of Mitigation of California OCS Platform Particulate Discharges
30159 - Adaptations of Marine Organisms to Chronic Hydrocarbon Exposure
30262 - Monitoring: Assessment of Long-Term Changes in Biological Communities: Phase II
Geology

MU9-19 - Geologic Hazards Assessment for Proposed Lease Sale No. 53, Central and Northern California

IA1-22; - California Geological Hazards Assessment for Proposed Lease Areas for OCS Sales 73 and 80

29107

Physical Oceanography and Meteorology

IA2-02 - Central California Nearshore Current Study

29026

IA9-02 - A Climatological and Oceanographic Analysis of the California Pacific OCS Region

CTO-62 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

IA0-29; - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

29097

IA1-40; - Establishment and Operation of a West Coast OCS Meterological Buoy Monitoring Network (Also see 29097)

29109

CT1-67; - California Shelf Physical Oceanography Circulation Study

29113

29117 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30008 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30143 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30248 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30303 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30352 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30425 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

CT1-67; - California Shelf Physical Oceanography Circulation Study

29113

93
Central California Planning Area

30020  - Central California Coastal Circulation Study
30322  - Coastal Wave Statistical Data Base
30384  - An Initial Statistical Characterization of the Variability of Coastal Winds and Currents

Social and Economics

CT9-02  - Land Use and Economic Impacts in the San Francisco Bay Area Region
30026  - Cumulative Socioeconomic Impacts of OCS Oil and Gas Development in the Santa Barbara Channel Region: A Case Study
30164  - Development of Baseline Data for Socioeconomic Characterization and Modeling in California as Related to Offshore Oil and Gas Activities
30166  - Impacts of Outer Continental Shelf Development on Recreation and Tourism
30315  - Baseline Socioeconomic Profile of California, Oregon and Washington Coastal Counties

Program Support

CT6-41  - Northern California Public Meeting
30205  - Environmental Data Management System for the Pacific Region
Northern California Planning Area

Air Quality

CT9-23 - Air Quality Analysis in Relation to OCS Potential Oil and Gas Development off the Central and Northern California Coast

30127 - Air Quality Modeling for California OCS Lease Sales

Baseline

None

Biology and Ecology

CT6-52; - A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas

MU9-12; - Ecological Characterization of the Central and Northern California Coastal Region

CTO-73; - Oil Spill Risk Assessment of Coastal and Marine Habitats in Central and Northern California

30057 - Successional and Seasonal Variation of the Central and Northern California Rocky Intertidal Communities As Related to Natural and Man-Induced Disturbances

30273 - Study of Effects of Offshore Geophysical Acoustic Survey Operations on Important Commercial Fisheries in California

30294 - California Outer Continental Shelf Fisheries Data Base

30388 - Biological Reconnaissance of Selected Benthic Habitats Within Three California OCS Planning Areas

30429 - An Evaluation of Spawning and Recruitment Patterns of Fishes off Northern California, Oregon and Washington

30454 - Washington, Oregon, and California OCS Fisheries Data Base

Endangered Species

MU9-13; - Seabird Nesting and Seasonal Use: Survey for the Central and Northern California Coastal Region

29090 - Central and Northern California Marine Mammal and Seabird Study
Northern California Planning Area

30183 - California Seabird Ecology Study
30256 - Sea Otter Oil Spill Avoidance Study
30306 - Gray Whale Monitoring Study
30456 - Seabird Nesting Survey for the Central and Northern California Region and Preparation of the Catalog of California Seabird Colonies

Fates, Effects and Chemistry
CT7-38 - Barium and Vanadium Methodology Study
CTO-70; - California Seabird Oil Spill Behavior Study
29102
CTO-74; - California Commercial/Sport Fish and Shell Fish Oil Toxicity Study
29105
CT1-60; - Seabird Oil Toxicity Study
29112
CT2-54; - An Evaluation of Effluent Dispersion and Fate Models for OCS Platforms
29122
30056 - Assessment of the Long-Term Fate and Effective Methods of Mitigation of California OCS Platform Particulate Discharges
30159 - Adaptations of Marine Organisms to Chronic Hydrocarbon Exposure

Geology
MU8-09 - Potential Geological Hazards to Oil and Gas Development in the Eel River Basin Off Northern California and Coos Bay, Oregon
MU9-19 - Geologic Hazards Assessment for Proposed Lease Sale No. 53, Central and Northern California
IA1-22; - California Geological Hazards Assessment for Proposed Lease Areas for OCS Sales 73 and 80
29107

Physical Oceanography and Meteorology
IA9-02 - A Climatological and Oceanographic Analysis of the California Pacific OCS Region
CTO-62 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
IA0-29; - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
Northern California Planning Area

IA1-40; - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network (Also see 29097)
29109

29117 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30008 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30143 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30248 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30303 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30352 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

30425 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network

CT1-67; - California Shelf Physical Oceanography Circulation Study
29113

30312 - Northern California Coastal Circulation Study

30322 - Coastal Wave Statistical Data Base

30384 - An Initial Statistical Characterization of the Variability of Coastal Winds and Currents

Social and Economics

CT9-02 - Land Use and Economic Impacts in the San Francisco Bay Area Region
30164 - Development of Baseline Data for Socioeconomic Characterization and Modeling in California as Related to Offshore Oil and Gas Activities

30166 - Impacts of Outer Continental Shelf Development on Recreation and Tourism

30315 - Baseline Socioeconomic Profile of California, Oregon and Washington Coastal Counties
### Program Support

<table>
<thead>
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<td>CT6-41</td>
<td>Northern California Public Meeting</td>
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<tr>
<td>30205</td>
<td>Environmental Data Management System for the Pacific Region</td>
</tr>
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</table>
Washington and Oregon Planning Area

Air Quality
None

Baseline
None

Biology and Ecology

CT6-15 - A Summary of Knowledge of the Oregon and Washington Coastal Zone and Offshore Areas

30273 - Study of Effects of Offshore Geophysical Acoustic Survey Operations on Important Commercial Fisheries in California

30429 - An Evaluation of Spawning and Recruitment Patterns of Fishes off Northern California, Oregon and Washington

30445 - Fish Assemblages of Rocky Banks of the Pacific Northwest

30454 - Washington, Oregon, and California OCS Fisheries Data Base

Endangered Species

30256 - Sea Otter Oil Spill Avoidance Study

30306 - Gray Whale Monitoring Study

30426 - Oregon and Washington Marine Mammal and Seabird Surveys

Fates, Effects and Chemistry

CTO-70; - California Seabird Oil Spill Behavior Study

29102

30056 - Assessment of the Long-Term Fate and Effective Methods of Mitigation of California OCS Platform Particulate Discharges

30159 - Adaptations of Marine Organisms to Chronic Hydrocarbon Exposure
Washington and Oregon Planning Areas

Geology

MU8-09 - Potential Geological Hazards to Oil and Gas Development in the Eel River Basin Off Northern California and Coos Bay, Oregon

Physical Oceanography and Meteorology

30303 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
30352 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
30425 - Establishment and Operation of a West Coast OCS Meteorological Buoy Monitoring Network
CT1-67 - California Shelf Physical Oceanography Circulation Study
29113
30322 - Coastal Wave Statistical Data Base
30384 - An Initial Statistical Characterization of the Variability of Coastal Winds and Currents
30389 - Coastal Circulation Along Washington and Oregon

Social and Economics

30315 - Baseline Socioeconomic Profile of California, Oregon and Washington Coastal Counties
17491 - Inventory and Evaluations of Washington and Oregon Coastal Recreational Resources

Program Support

CT6-54 - Oregon and Washington Public Meeting
30205 - Environmental Data Management System for the Pacific Region
30368 - Conference/Workshop on Recommendations for Studies in Washington and Oregon Relative to Offshore Oil and Gas Development
12. **Information Services**

United States Department of the Interior (DOI)  
Minerals Management Service (MMS)  
1340 West Sixth Street  
Los Angeles, CA 90017  
Public Affairs Office  
Attn: Ms. Frieda Star  
(Public Affairs Assistant)  
(213) 894-2062  
(FTS) 798-2062

United States Department of the Interior (DOI)  
United States Geological Service (USGS)  
Open-File Services  
Federal Center  
Denver, Colorado 80225  
(303) 236-7476

National Oceanic and Atmospheric Administration  
U.S. Department of Commerce  
National Climatic Data Center (NCDC)  
Oshville, North Carolina 28801  
(Meteorological Data)

National Oceanic and Atmospheric Administration  
U.S. Department of Commerce  
National Data Buoy Center (NDBC)  
NSTL, Mississippi 39529  
(Oceanographic Data)

National Oceanic and Atmospheric Administration  
U.S. Department of Commerce  
National Oceanographic Data Center (NODC)  
User Service Branch  
NOAA/NESIS E/OC21  
Washington, DC 20235  
(202) 673-5549  
FTS 673-5549

National Technical Information Service (NTIS)  
U.S. Department of Commerce  
5285 Port Royal Rd  
Springfield, VA 22161  
(707) 487-4650
The Pacific OCS Region maintains reading copies of reports older than 1 year from date of announcement.

United States Department of the Interior (DOI)  
Minerals Management Service (MMS)  
1340 West Sixth Street  
Los Angeles, CA 90017  
Environmental Studies Section  
Attn: Joann Golden  
(Technical Information Specialist)  
(213) 894-3379  
(FTS) 798-3379  

United States Department of the Interior (DOI)  
Minerals Management Service (MMS)  
1340 West Sixth Street  
Los Angeles, CA 90017  
Library  
Attn: Nollie Gildow-Owens  
(Librarian)  
(213) 894-2039  
(FTS) 798-2039  

United States Department of the Interior  
Minerals Management Service  
Office of Offshore Information (OIP) and Publications  
Parkway Atrium Bldg.  
381 Eldon St.  
Herndon, VA 22070-4817
13. DEPOSITORY LIBRARIES

California

Humboldt State University
Library
Arcata, California 95521

California State Lands Commission
Attn: Research & Planning Division
1807 13th Street
Sacramento, California 95814

California Polytechnic State
University
Library
San Luis Obispo, California 93407

University of California
General Library
Government Documents
Berkeley, California 94720

Environmental Protection Agency
Region IX Library
215 Fremont Street
San Francisco, California 94150

Association of Monterey Bay Area
Governments
977-A Pacific Street
Monterey, California 93940

Santa Barbara Museum of Natural
History
Library
2559 Puesta del Sol
Santa Barbara, California 93105

University of California
McHenry Library
Government Publications
Santa Cruz, California 95064

Scripps Institute of Oceanography
Library
Reference Librarian USDC-075C
La Jolla, California 92038

University of California
Public Affairs Service/URS. Docts.
U.C.L.A. Research Library
405 Hilgard Avenue
Los Angeles, California 90024

California (cont’d)

Santa Barbara Public Library
1021 Anacapa Street
Santa Barbara, California 93102

College of the Redwoods
Mendocino Coast Education Center
1211 Del Mar Drive
Fort Bragg, California 95437

California Coastal Commission
631 Howard Street, 4th Floor
San Francisco, California 94105

Oregon

Multnomah County Library
Technical Services
801 SW Tenth Avenue
Portland, Oregon 97205

Oregon State University
Kerr Library
Corvallis, Oregon 97331

University of Oregon
Institute of Marine Biology
Charleston, Oregon 97420

University of Oregon
Main Science Library
Eugene, Oregon 97403

Portland State University
Business Document Library
934 S. Harrison
Portland, Oregon 97201

Hatfield Marine Sciences Center
Library
Newport, Oregon 97365

Oregon State Library
Salem, Oregon 97310

Clatsop Community College
1688 Lexington
Astoria, Oregon 97103
The following government agencies will receive copies of final reports relevant to their expertise:

U.S. National Park Service
Channel Islands National Park
1901 Spinnaker Drive
Ventura, California 93001

U.S. National Marine Fisheries Service
Southwest Region
300 South Ferry Street
Terminal Island, California 90731

U.S. National Marine Fisheries Service
Southwest Fisheries Center Library
P.O. Box 217
La Jolla, California 92038

California Department of Fish and Game
245 West Broadway
Long Beach, California 90802

California State Lands Commission
245 West Broadway, Suite 425
Long Beach, California 90802

U.S. Geological Survey Library
345 Middlefield Road
Menlo Park, California 94025

U.S. Fish and Wildlife Service
500 N.E. Multnomah Street, Room 1692
Portland, Oregon 97232
As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.