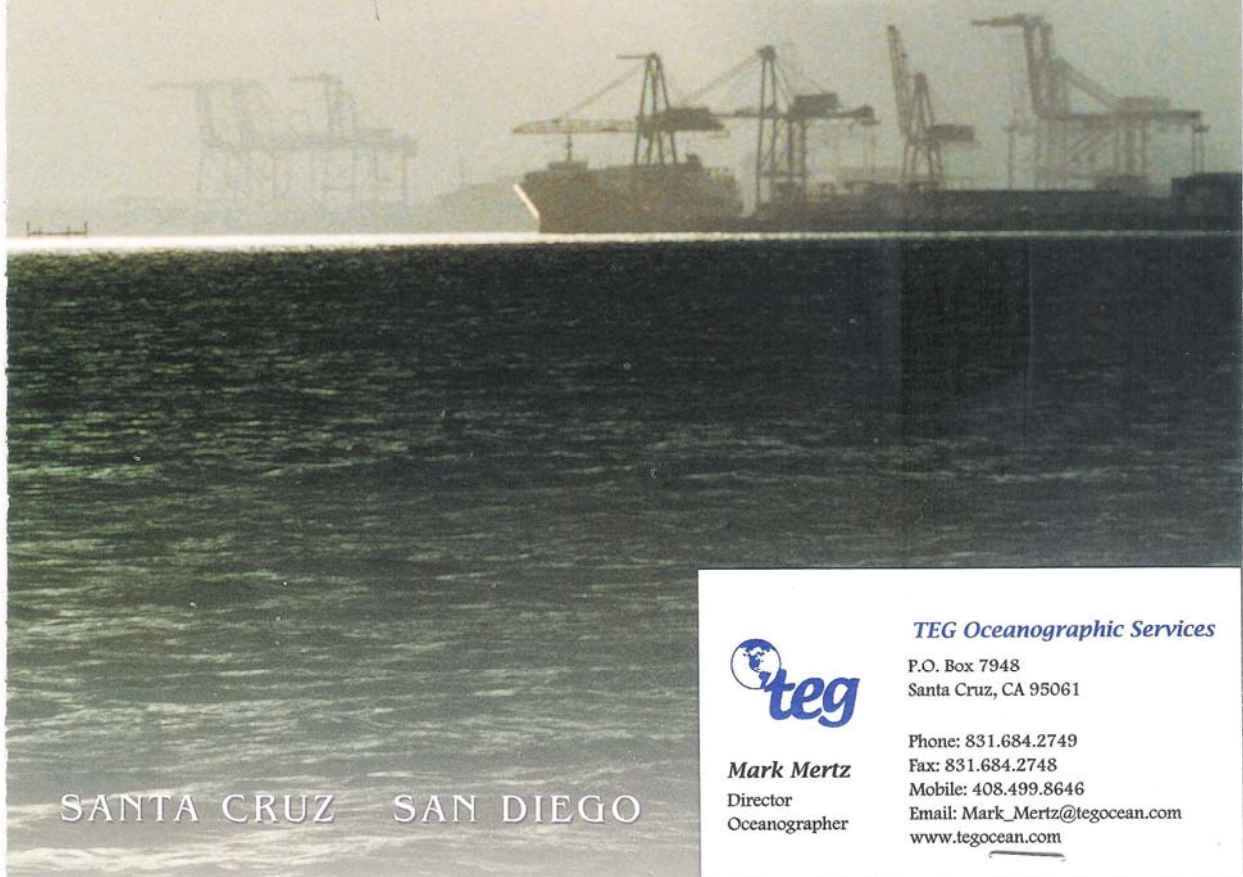




**ENVIRONMENTAL • GEOTECHNICAL • EXPLORATION • OCEANOGRAPHIC**

A leader in marine consulting & data acquisition



SANTA CRUZ    SAN DIEGO



*TEG Oceanographic Services*

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Oceanographer

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# ENVIRONMENTAL

**T**EG Oceanographic Services, founded in 1988, specializes in marine sampling and data acquisition for environmental, geotechnical and exploration programs. TEG has personnel with technical expertise in physical, chemical, and biological oceanography. Our scientists have worked throughout the world, managing and designing solutions to complex oceanographic problems.

TEG provides proven and cost effective services for a variety of clients. Our principal clients include regulatory agencies, environmental consulting and engineering firms, bioassay laboratories, the petroleum and minerals exploration industry, and environmental monitoring groups.

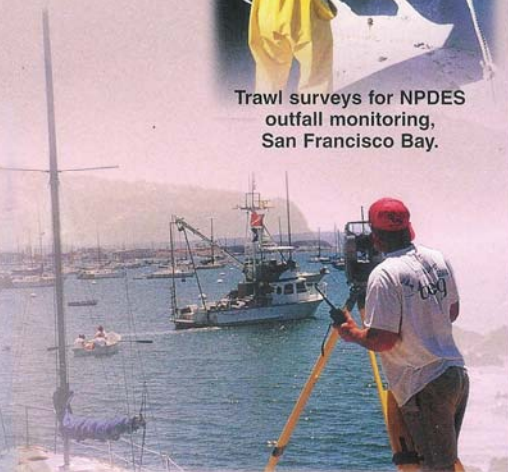


Trawl surveys for NPDES outfall monitoring, San Francisco Bay.

Offshore marine vibrocoreing and rotary drilling for a geotechnical investigation of potential pipeline routes, California.



Survey positioning and mapping of a contaminant plume, San Diego Bay.



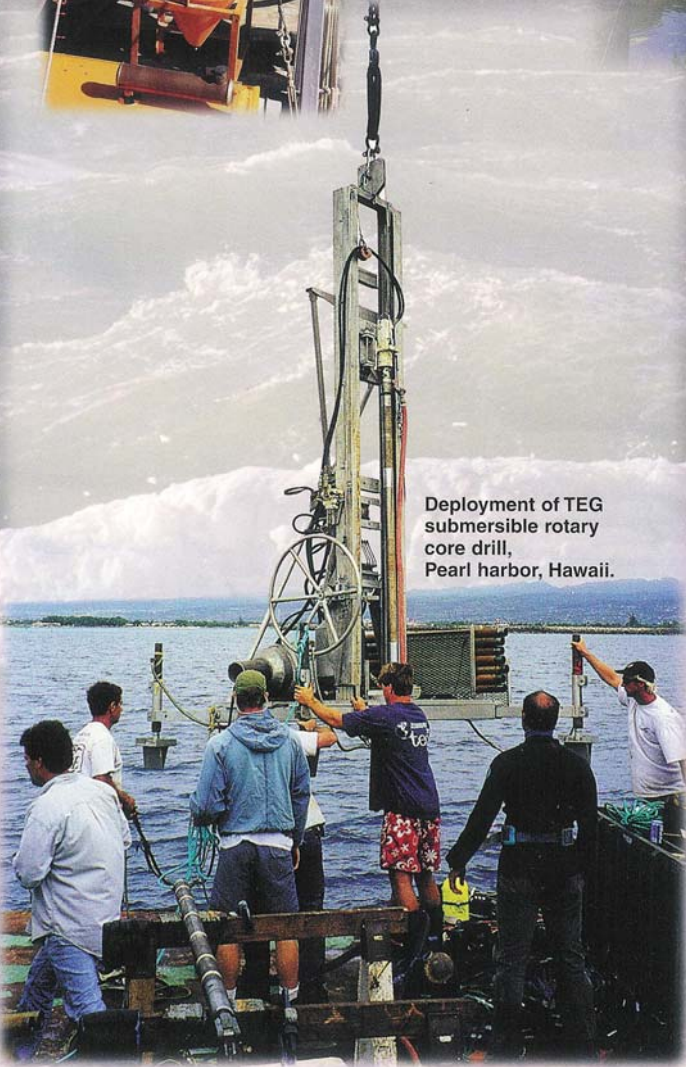
Van Veen Grab sampling for benthic invertebrates and sediment chemistry sampling, Alaska.



Reverse circulation  
Vibrolift drilling for  
mineral sands  
exploration,  
Queensland,  
Australia.



Strataprobe drilling  
in tidal lagoons,  
San Diego Bay.



Deployment of TEG  
submersible rotary  
core drill,  
Pearl harbor, Hawaii.



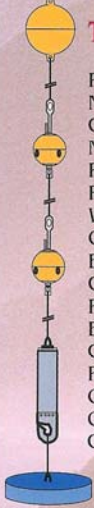
Environmental core processing for  
chemical analysis, Port of Los Angeles.

## GEOTECHNICAL / EXPLORATION


**T**EG Oceanographic Services has developed a complete line of sediment sampling systems in support of environmental, geotechnical, exploration, and oceanographic projects. We own an extensive inventory of oceanographic instrumentation. Our innovative approach to designing and building our own equipment to suit your specific project provides unique solutions to your environmental or engineering problems.

# OCEANOGRAPHIC

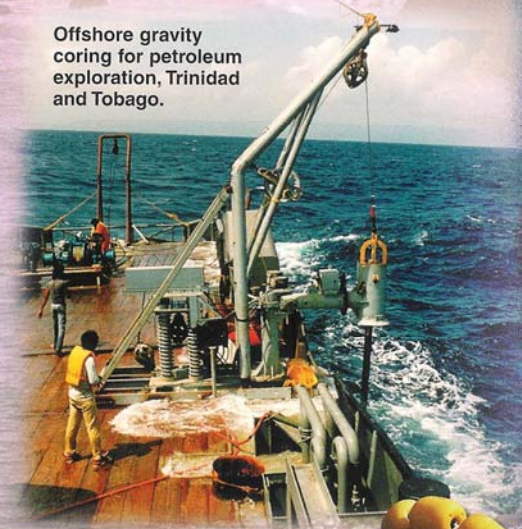
## TYPES OF PROJECTS




- Petroleum Exploration
- Mineral Exploration
- Geothermal Exploration
- Marine EIR/EIS
- Pipeline Placement and Removal
- Piers, Wharves, Harbor Construction
- Waterfront Development
- Ocean Intake and Outfall Structures
- Beach Restoration and Nourishment
- Coastal Erosion Studies
- Pre and Post-dredge Surveys
- Bioassay/Toxicity Sampling and Testing
- Coastal Engineering and Oceanography
- Permitting and Regulatory Compliance
- Offshore Platform Monitoring
- Oil Spill Response
- Geology



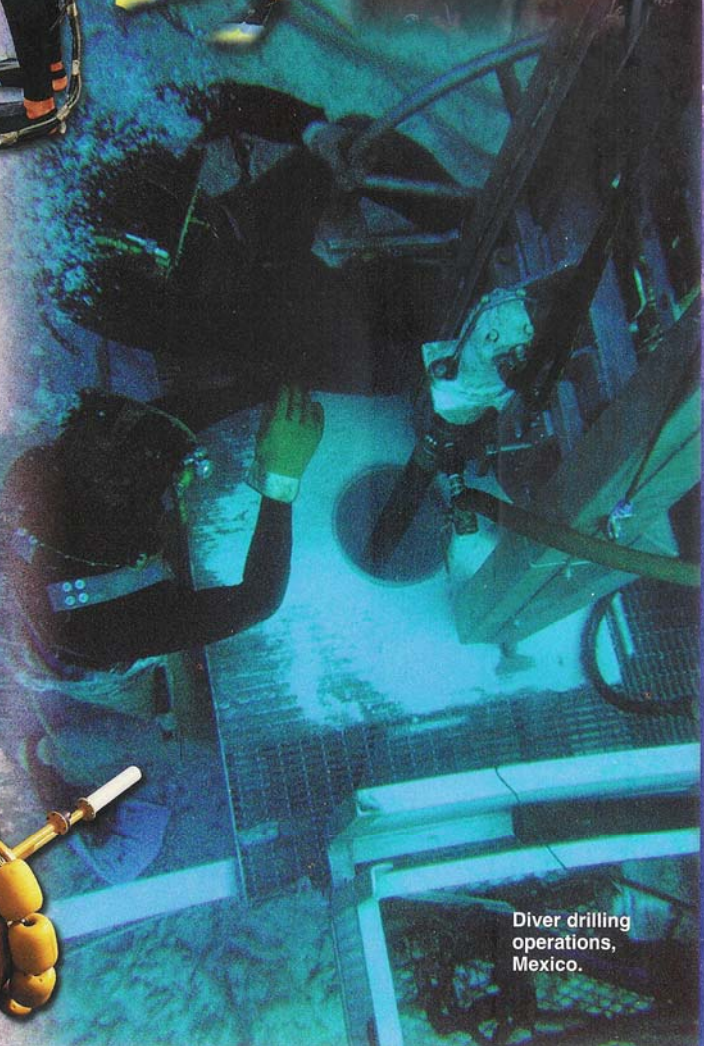
Instrumentation mooring deployment, Offshore California.



Offshore gravity coring for petroleum exploration, Trinidad and Tobago.



ARGOS satellite buoy system.



Diver drilling operations, Mexico.

# Services

## Marine drilling & Coring Services:

Grab sampling  
Box coring  
Gravity coring  
Piston coring  
Electric and pneumatic vibrocoring  
Hydraulic percussive marine drill sampling  
Reverse circulation drilling  
Submersible marine rotary core drilling  
SPT sampling (diver operated drill)

## Hydrographic Surveys:

AUTOCAD mapping  
Bathymetric surveys  
Beach erosion surveys  
Differential GPS positioning services  
Dredge-volume calculations  
Survey positioning  
Sub-bottom profiling  
Video surveys  
Water quality monitoring

## Diving:

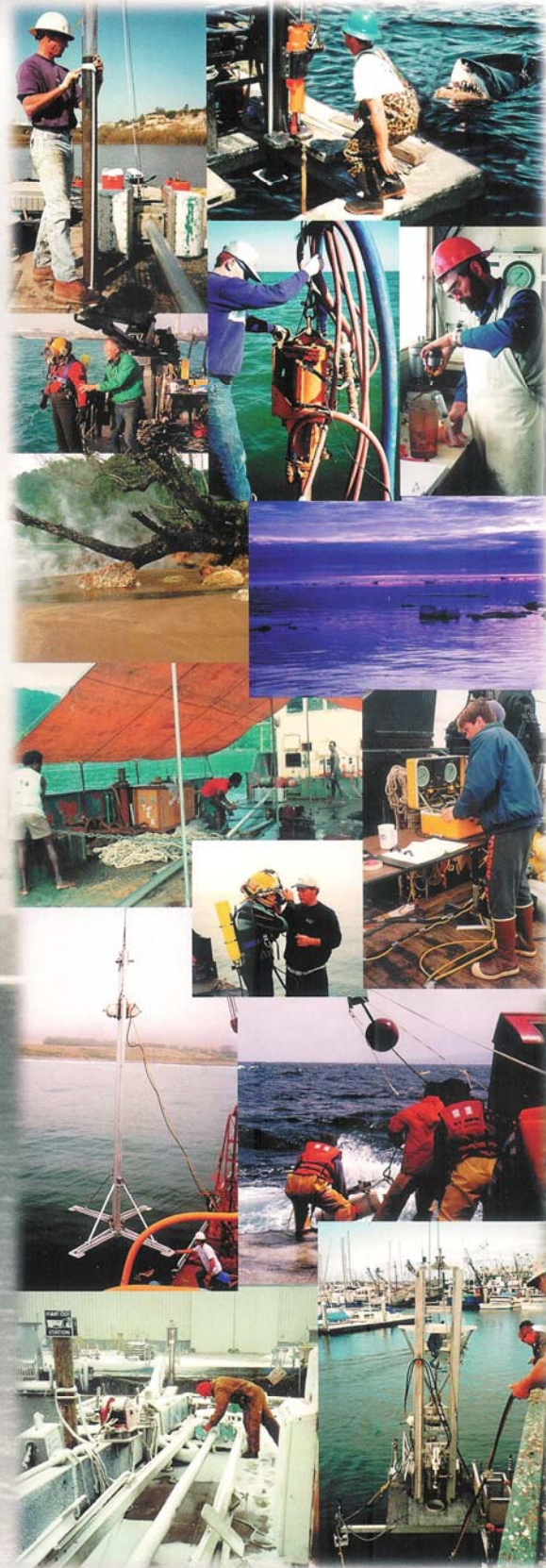
Diver core sampling  
Hard hat diving services  
Instrumentation deployment & recovery  
Marine structure inspection  
Scuba diving surveys

## Oceanography:

Field, vessel, and logistic support services  
Instrumentation & data acquisition  
Tidal currents and circulation studies  
Tide, current, and meteorological studies  
Wave forces modeling

## Marine Biology:

Benthic sampling  
Eel grass surveys and transplanting  
Fisheries surveys (trawls, fyke, plankton nets)





Coastal barrier island erosion/accretion survey Alaskan Arctic.

## CLIENT LIST

AMOCO  
ARCO  
Battelle  
Bechtel  
British Petroleum  
Chevron  
CITGO Petroleum  
Dames & Moore  
EXXON  
FUGRO  
IMODCO  
Ogden Environmental  
Naval Research and  
Development  
(NRAD/SPAWAR)

PORTS OF:  
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Los Angeles, Oakland,  
Richmond, San Diego,  
San Francisco, Seattle,  
Tacoma.  
Shell Petroleum (Australia)  
Tetra Tech  
U.R.S.  
U.S. Army Corps. of  
Engineers  
U.S.G.S.  
Woodward Clyde

**T**EG personnel will demonstrate a strong professional commitment to the successful completion of your project. For more information, please contact us.



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**TEG worldwide project experience**