

APPENDIX D

SAMPLING AT SEA

During the period 1 July 1981 to 30 June 1982, Project personnel conducted or participated in 108 cruises involving 432 man/days. These cruises are described below:

Quarterly trawls in San Pedro Bay and off Orange County.
VAN TUNA July 1, 1981

Water samples for measurements of toxicity off Palos Verdes and in Santa Monica Bay.
MARINE SURVEYOR July 6, 1981

Take trawls and Van Veen grabs off White Point.
MARINE SURVEYOR July 8, 1981

Search for current meters off White Point
SEA S DEE July 13, 1981

Examine for trace metals off Catalina Island
THUNDERBIRD July 17, 1981

Planktonic foodweb survey off Santa Monica.
MARINE SURVEYOR July 23, 1981

Service current meters off White Point.
SEA S DEE July 23, 1981

Underwater 35mm photos and bio-dredge off Santa Monica.
MARINE SURVEYOR July 24, 1981

Service current meters off Orange County.
ENCHANTER IV July 27, 1981

Underwater 35mm photos off Santa Monica
MARINE SURVEYOR August 3, 1981

Locate Hyperion sampling stations using LORAN C off Santa Monica.
 MARINE SURVEYOR August 5, 1981

Water samples for measurement of toxicity off Palos Verdes and Santa Monica.
 MARINE SURVEYOR August 10, 1981

Underwater 35mm photos off Santa Monica.
 MARINE SURVEYOR August 17, 1981

Quarterly trawls in San Pedro Channel.
 SEA S DEE August 17, 19, & 20, 1981

Underwater 35mm photos off Santa Monica.
 MARINE SURVEYOR August 20, 1981

Service current meters off White Point.
 SEA S DEE August 21, 1981

Underwater TV at Station 7.5-6 off Santa Monica.
 MARINE SURVEYOR August 24, 1981

Van Veen grabs and micro-crustacea dredge off White Point.
 SEA S DEE September 1, 1981

Service current meters off Orange County.
 ENCHANTER IV September 3, 1981

Water samples for measurements of toxicity and underwater 35mm photos off Palos Verdes
 and Santa Monica.
 MARINE SURVEYOR September 14, 1981

Trawls off Cabrillo Beach.
 MARINE SURVEYOR September 16, 1981

Recover trawl equipment off Cabrillo Beach.
 Boston Whaler September 18, 1981

Service current meters off White Point.
 SEA S DEE September 22, 1981

Van Veen grabs and trawls for ROMP program off Santa Monica.
 MARINE SURVEYOR September 23, 24 & 28, 1981

Van Veen grabs and trawls for ROMP program off Orange County.
 MARINE SURVEYOR October 5, 1981

Service current meters off Orange County.
 ENCHANTER IV October 6, 1981

Water samples for measurements of toxicity off Palos Verdes and Santa Monica.
 MARINE SURVEYOR October 7, 1981

Quarterly trawls in San Pedro Channel. SEA S DEE	February 22, 1982
Scorpionfish trawls in Malibu area. MARINE SURVEYOR	February 24, 1982
Trawls for current meters off Orange County. VAN TUNA	March 4, 1982
Longline fishing off Orange County. Dory Boat	March 8 and 9, 1982
Verifying all Hyperion monitoring stations with LORAN C off Santa Monica. MARINE SURVEYOR	March 10, 19 & 25, 1982
Water samples for measurements of toxicity off Palos Verdes, Santa Monica and in Los Angeles Harbor. MARINE SURVEYOR	March 22 and 24, 1982
Service current meters off Orange County ENCHANTER IV	March 22, 1982
Replicate trawls and Van Veen grabs and trawls for ROMP program off Pt. Dume. SEA S DEE	March 29, 1982 April 1 and 6, 1982
ORCOSAN quarterly trawls off Orange County. VAN TUNA	April 7, 1982
Van Veen grabs and trawls for ROMP program off San Diego. MONITOR II	April 13, 14 & 15, 1982
Water samples for measurements of toxicity off Palos Verdes, Santa Monica and in Los Angeles Harbor. MARINE SURVEYOR	April 19, 1982
Service current meters off Orange County. ENCHANTER IV	April 23 and 26, 1982
Service sculpin cages off White Point. SEA S DEE	April 23, 1982
Van Veen grabs and trawls for ROMP program off Santa Monica. MARINE SURVEYOR	April 28 and 29, 1982
Installation of NOAA current meters off Carlsbad. WESTWIND	May 6, 1982
Service current meters off Orange County. ENCHANTER IV	May 17 and 19, 1982

Water samples for measurements of toxicity off Palos Verdes, Santa Monica and in Los Angeles Harbor.

MARINE SURVEYOR May 17, 1982

Replicate trawls (ten) off Santa Monica.

MARINE SURVEYOR May 26 and 27, 1982

Color TV of outfall off Orange County.

ENCHANTER IV June 1, 1982

Van Veen grabs and trawls for ROMP program off Ventura.

MARINE SURVEYOR June 3 and 4, 1982

Service NOAA current meters off Carlsbad.

WESTWIND June 8, 1982

Service sculpin cages off White Point.

SEA S DEE June 8, 1982

Trawls, Van Veen grabs, DO and STD off Orange County.

WESTWIND June 15, 16 and 18, 1982

Recovery of current meters off Orange County.

WESTWIND June 17, 1982

Zoo and ichthyo-plankton using Auriga net for bottom and Bongo for near bottom.

WESTWIND June 21, 22, 23 & 28, 1982