

## FIGURES

### Cruise 9707

1. CalCOFI Cruise 9707, track and station positions.
2. *Horizontal distribution of dynamic height anomaly (0 over 500 m). In areas shallower than 500 m, the dynamic heights were extrapolated on the basis of the offshore deeper steric height as described in Reid and Mantyla (1976).*
3. Horizontal distributions at 10 meters: A) chlorophyll-*a*; B) potential density; C) temperature; and D) salinity.
4. Horizontal distributions at 200 meters: A) dynamic height anomaly (200 over 500 m); B) potential density; C) temperature; and D) salinity.
5. Sections along CalCOFI line 90 (vertical exaggeration, 1000): A) potential density; B) temperature; C) salinity; D) silicate; E) nitrate; F) phosphate; G) chlorophyll-*a*; H) oxygen saturation; I) oxygen; J) nitrite; and K) phaeopigments.

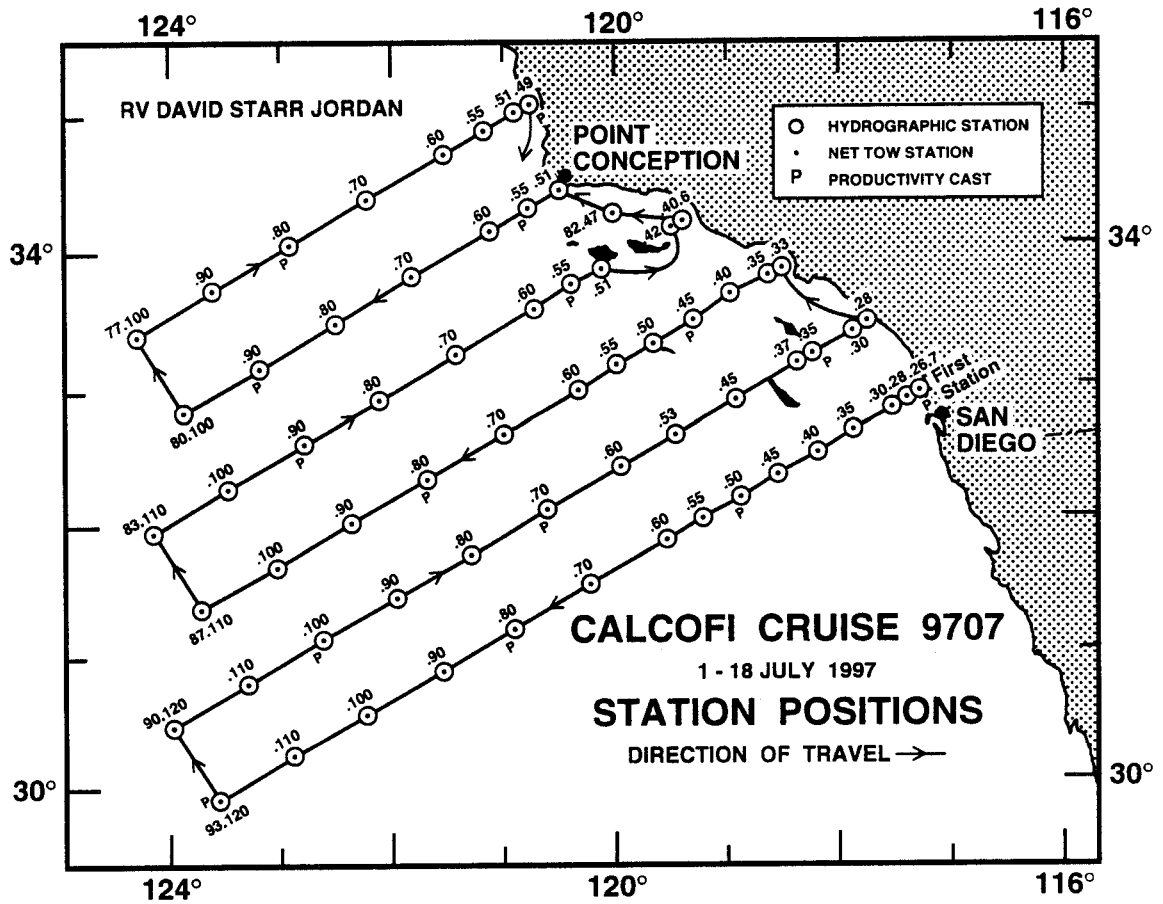


FIGURE 1

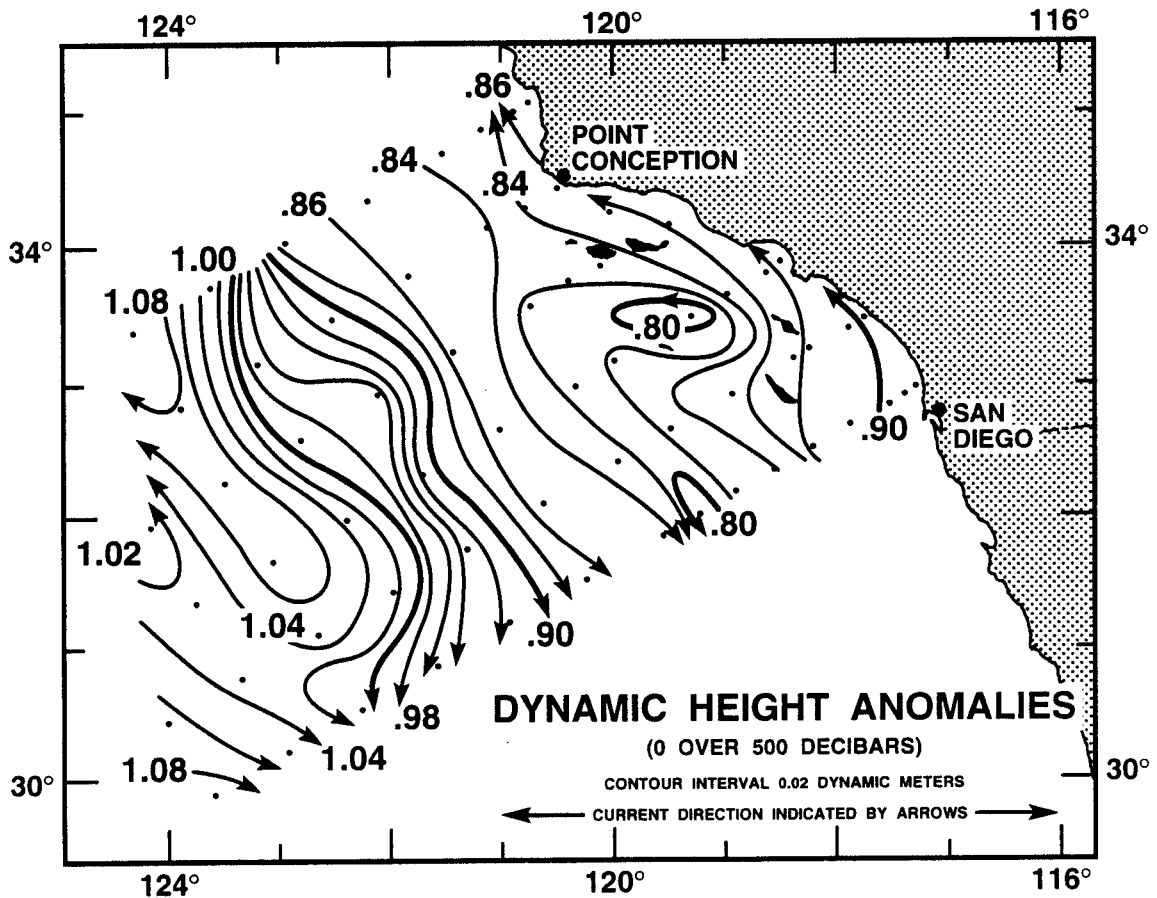


FIGURE 2

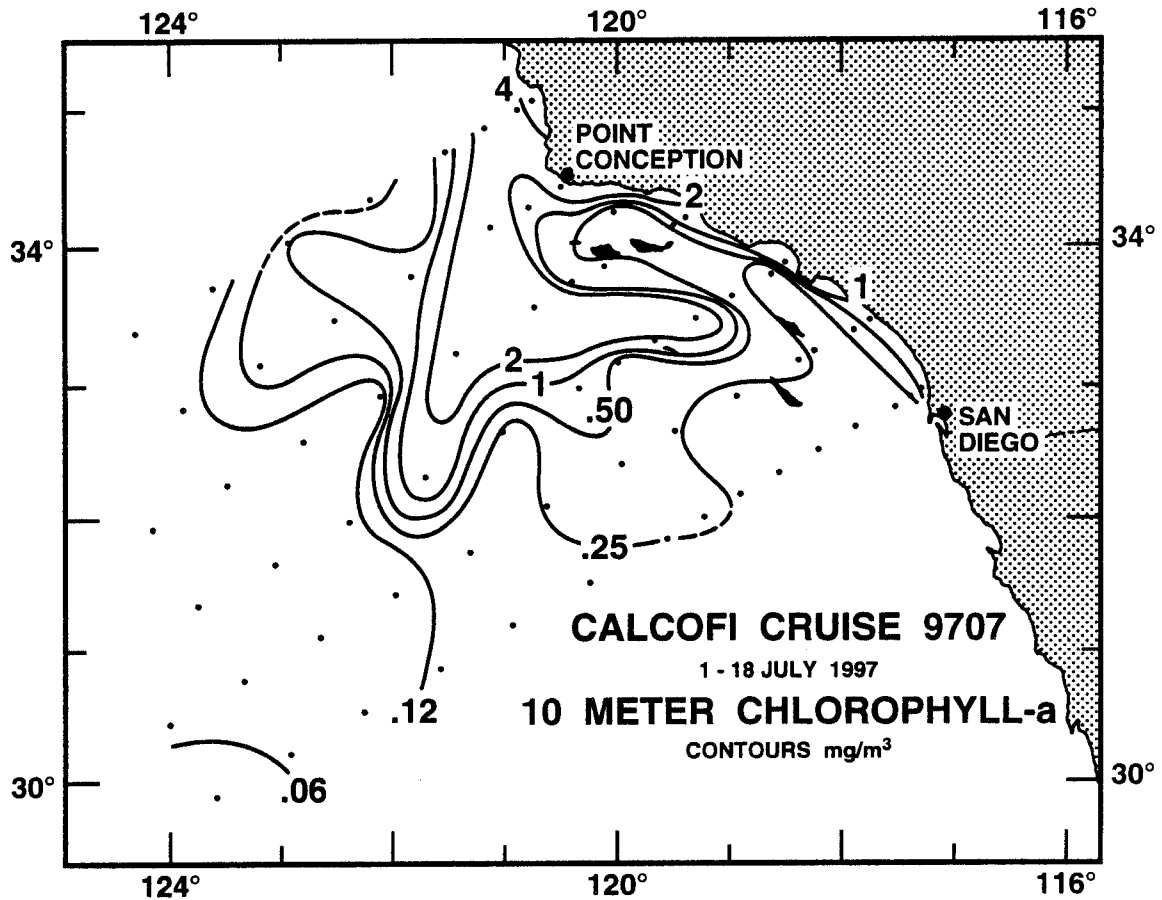


FIGURE 3A

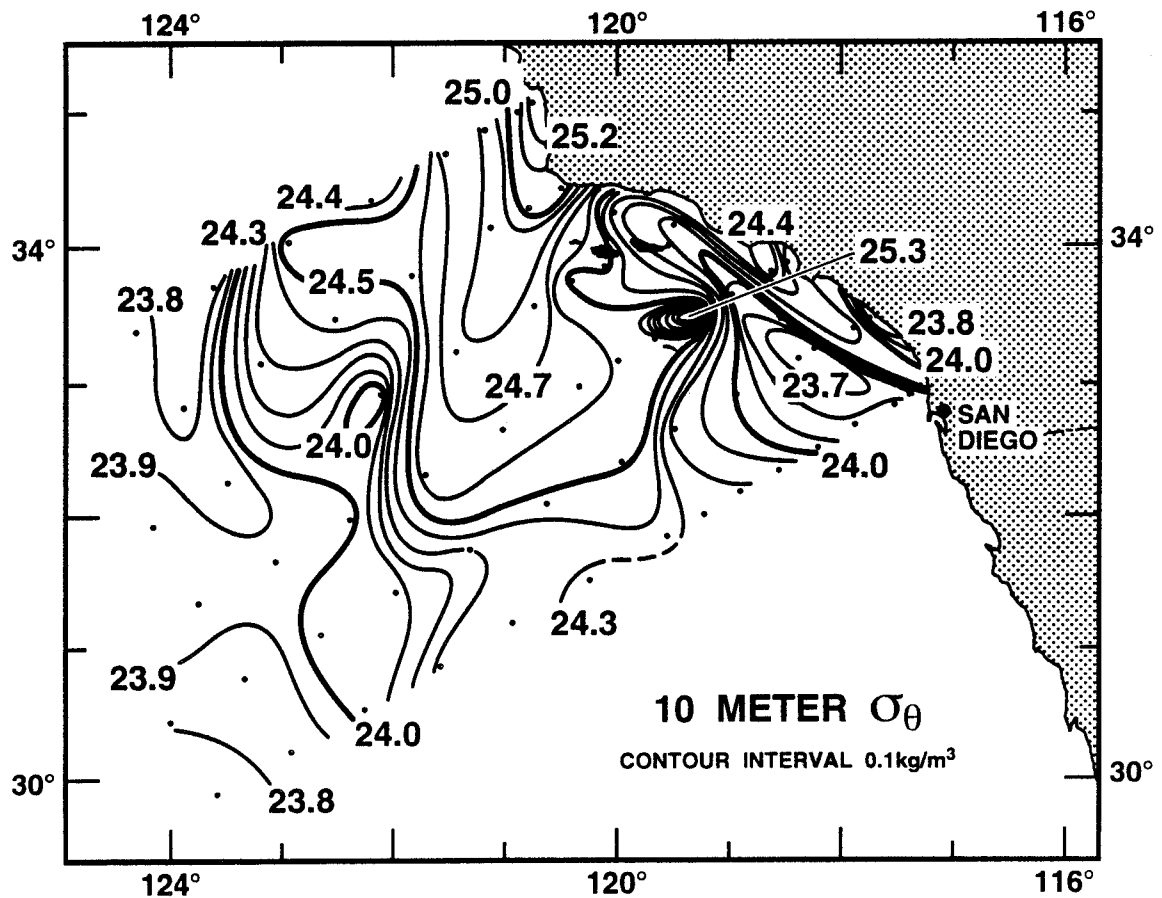


FIGURE 3B

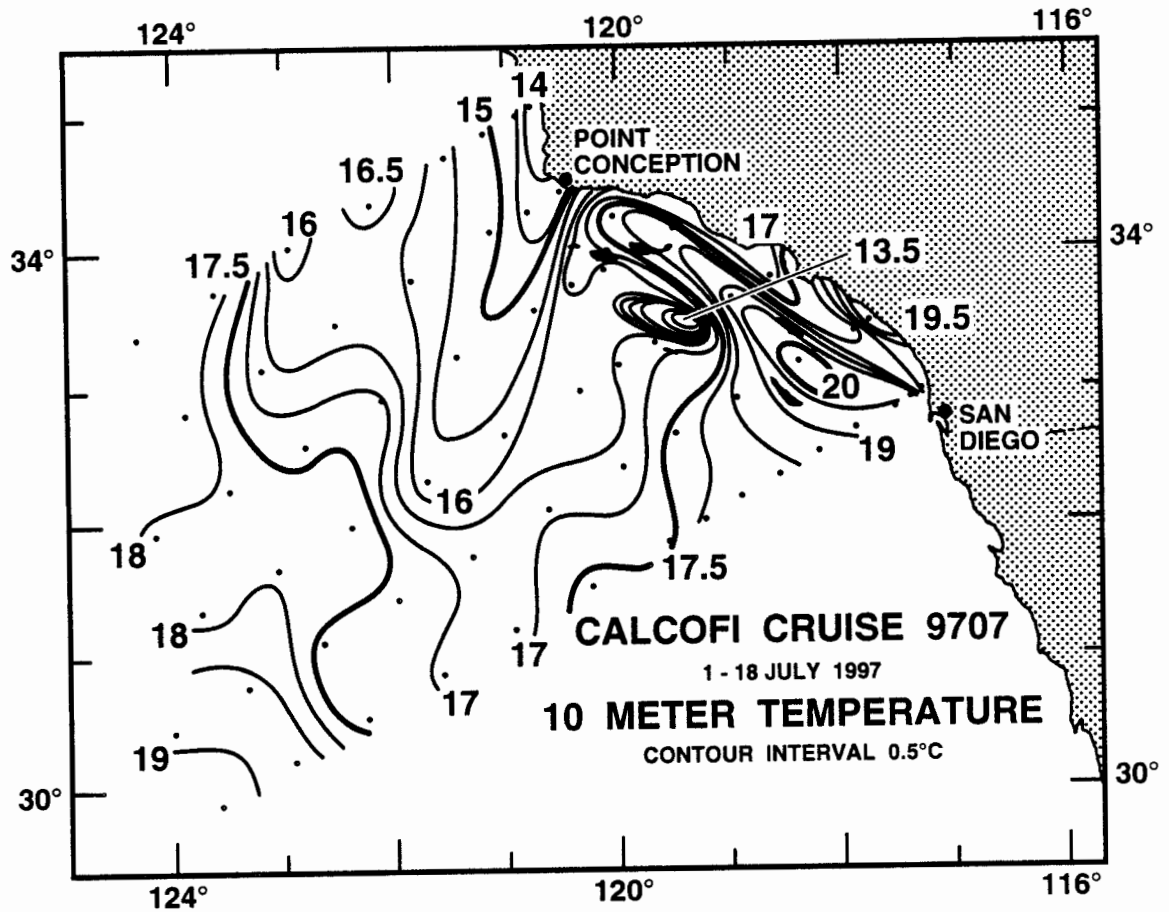


FIGURE 3C

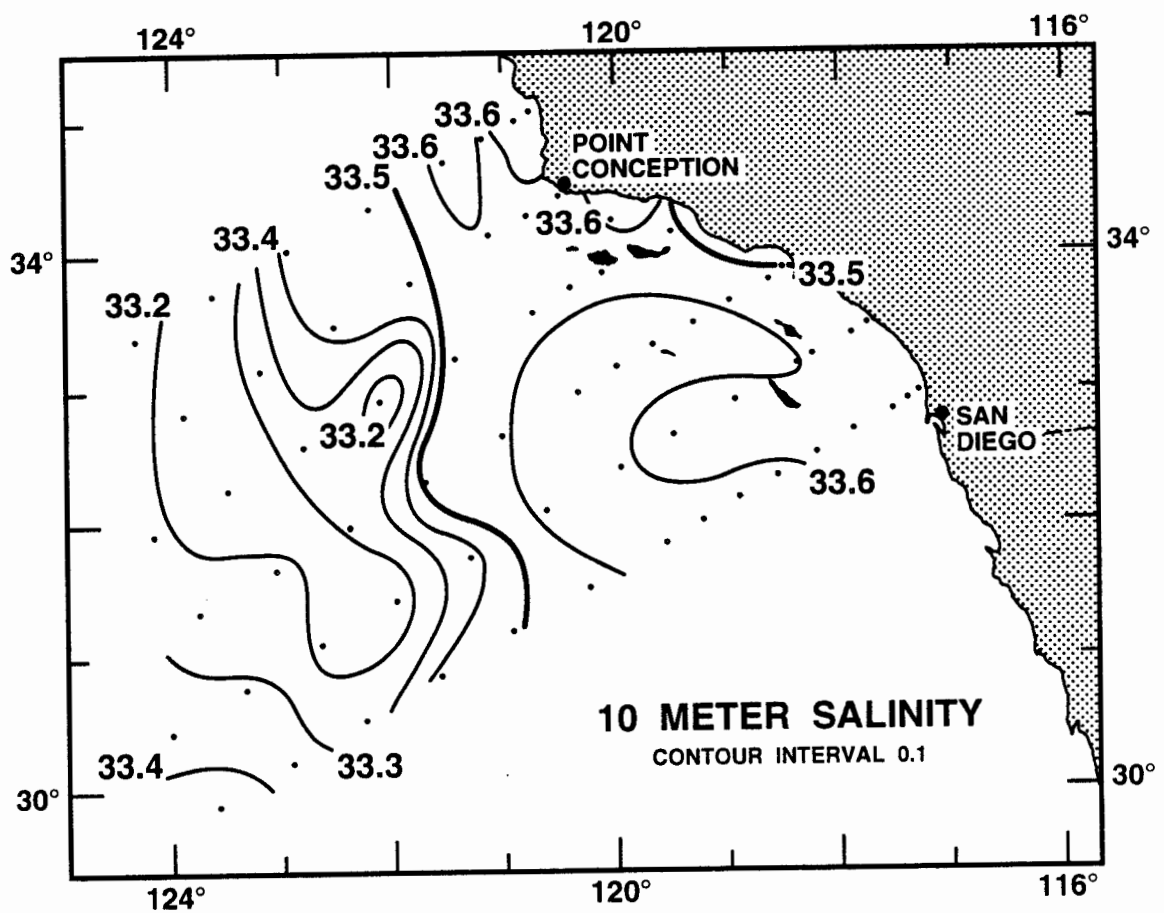


FIGURE 3D

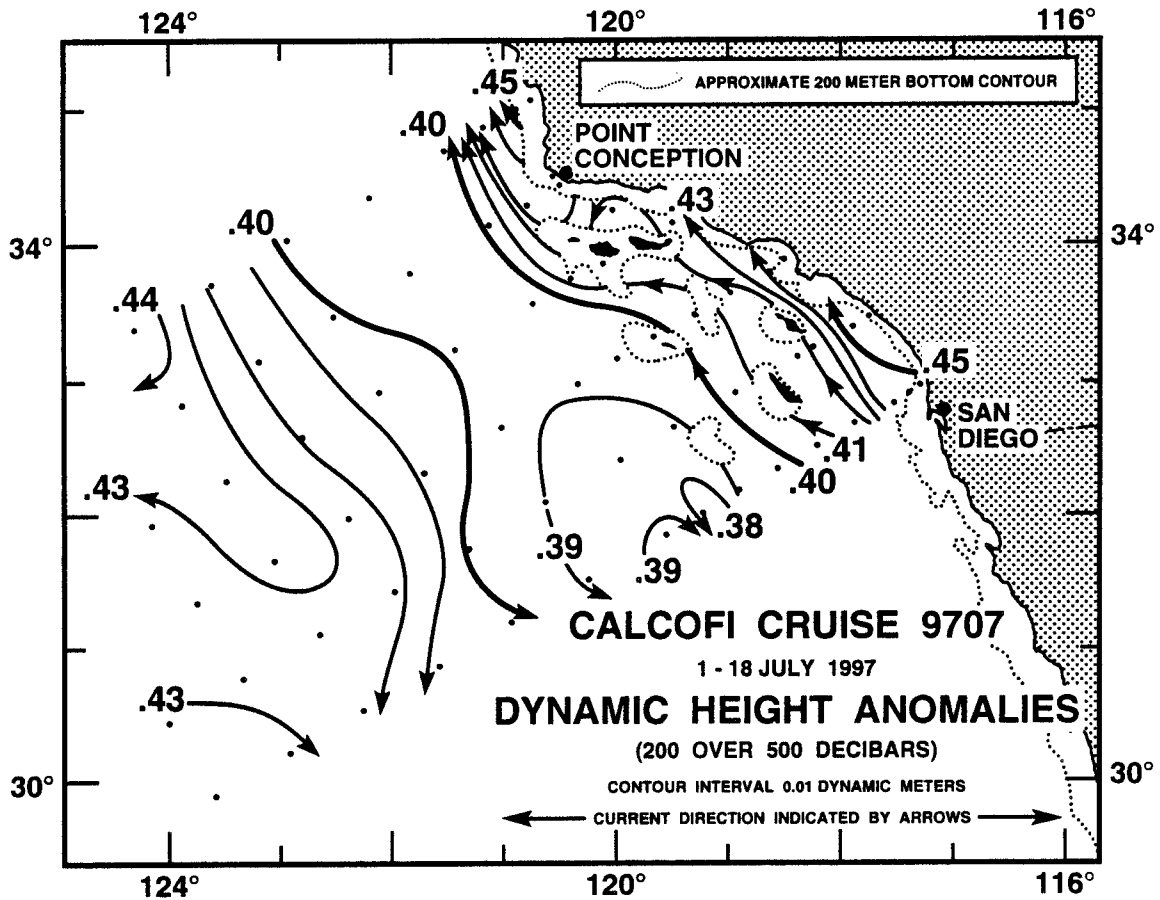


FIGURE 4A

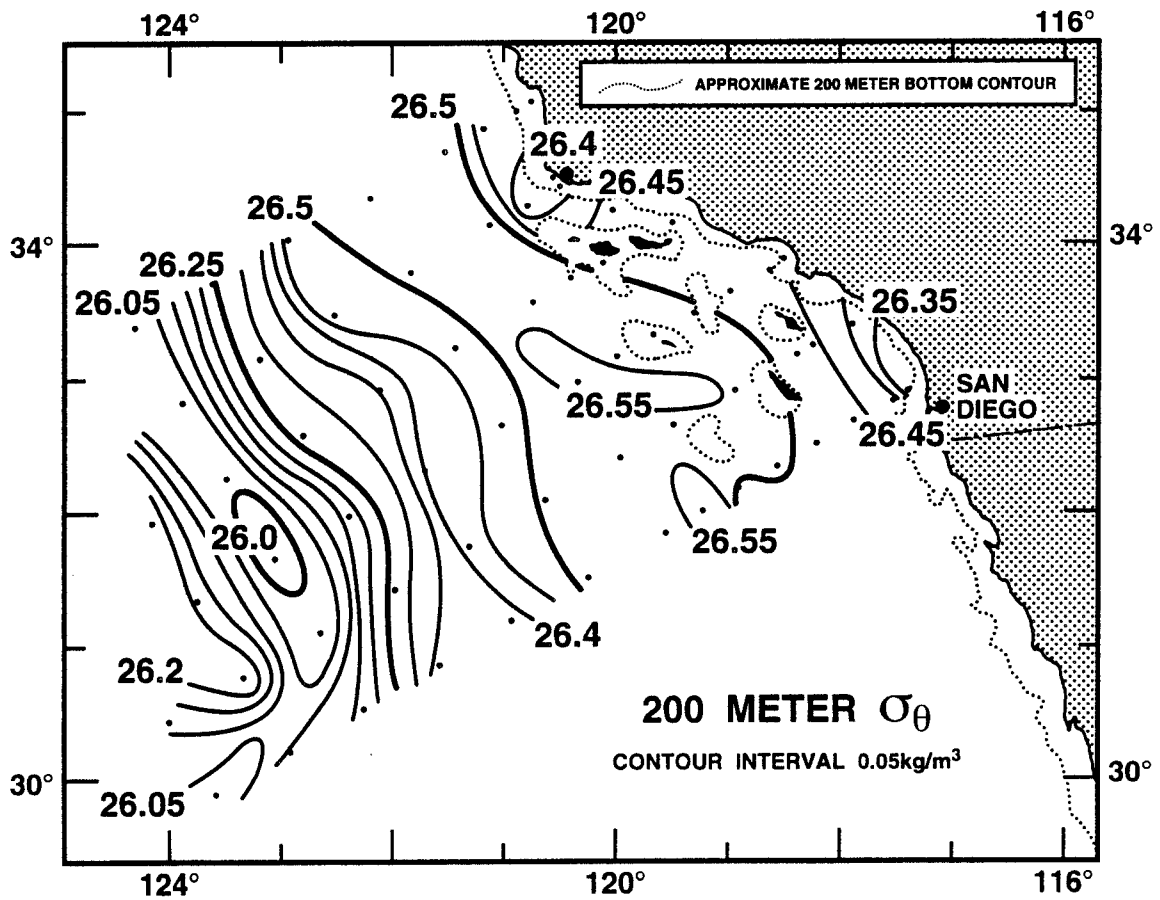


FIGURE 4B

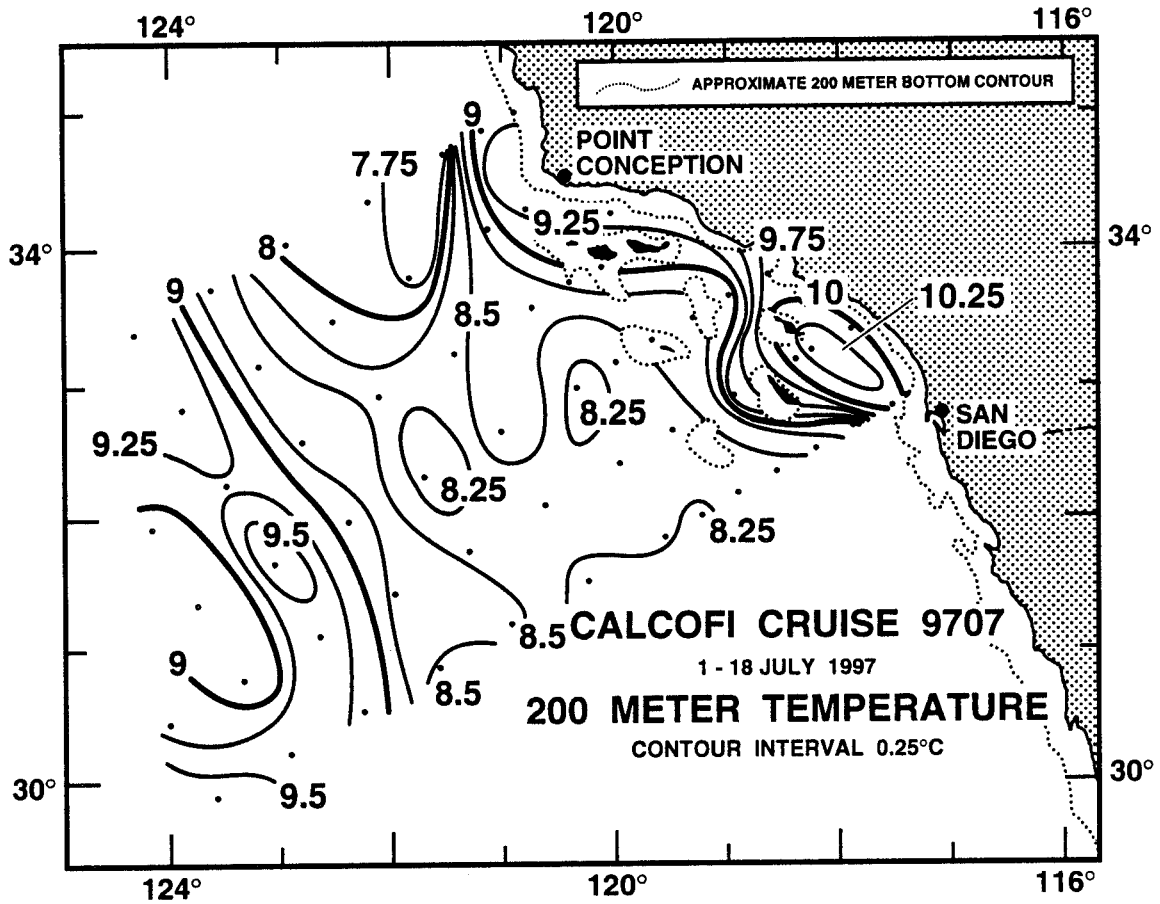


FIGURE 4C

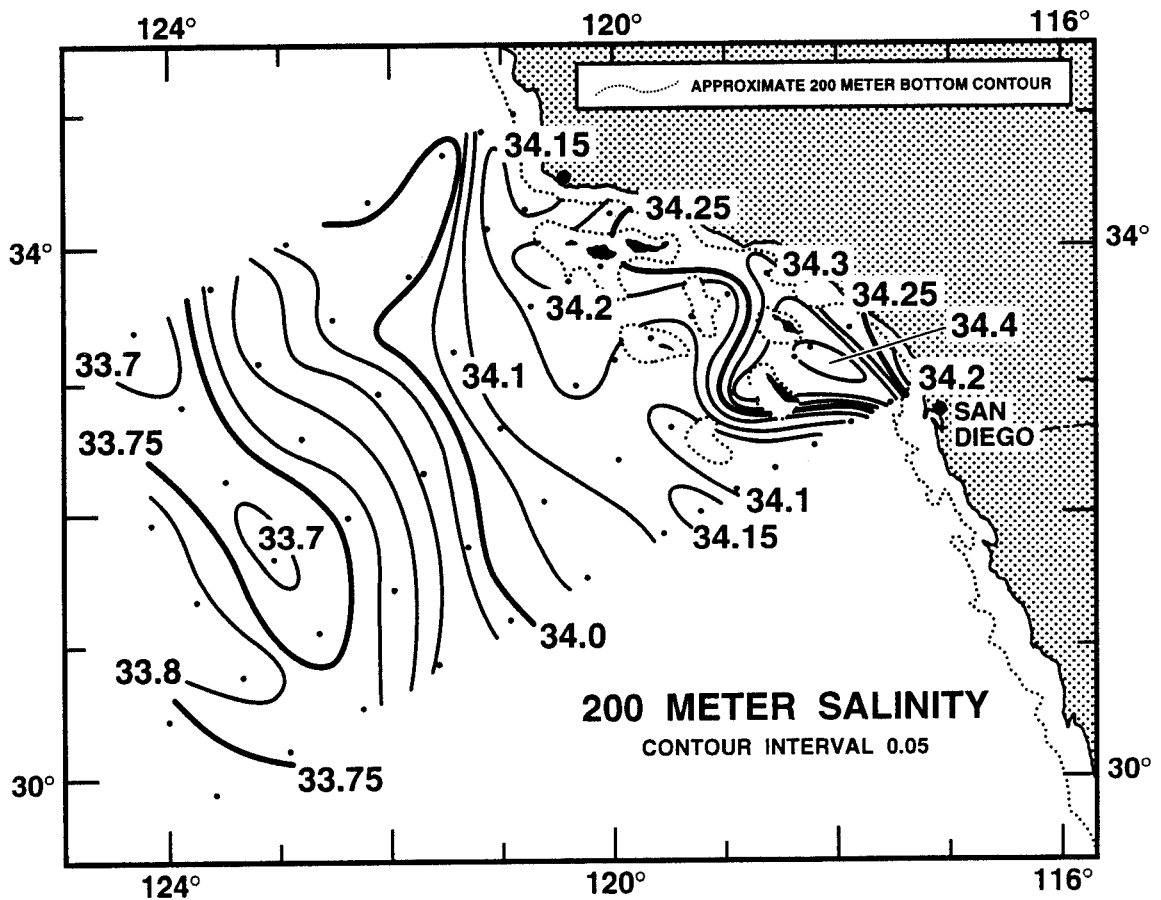


FIGURE 4D

# CALCOFI CRUISE 9707

5 - 8 JULY 1997

## POTENTIAL DENSITY ( $\sigma_\theta$ ) ALONG CALCOFI LINE 90

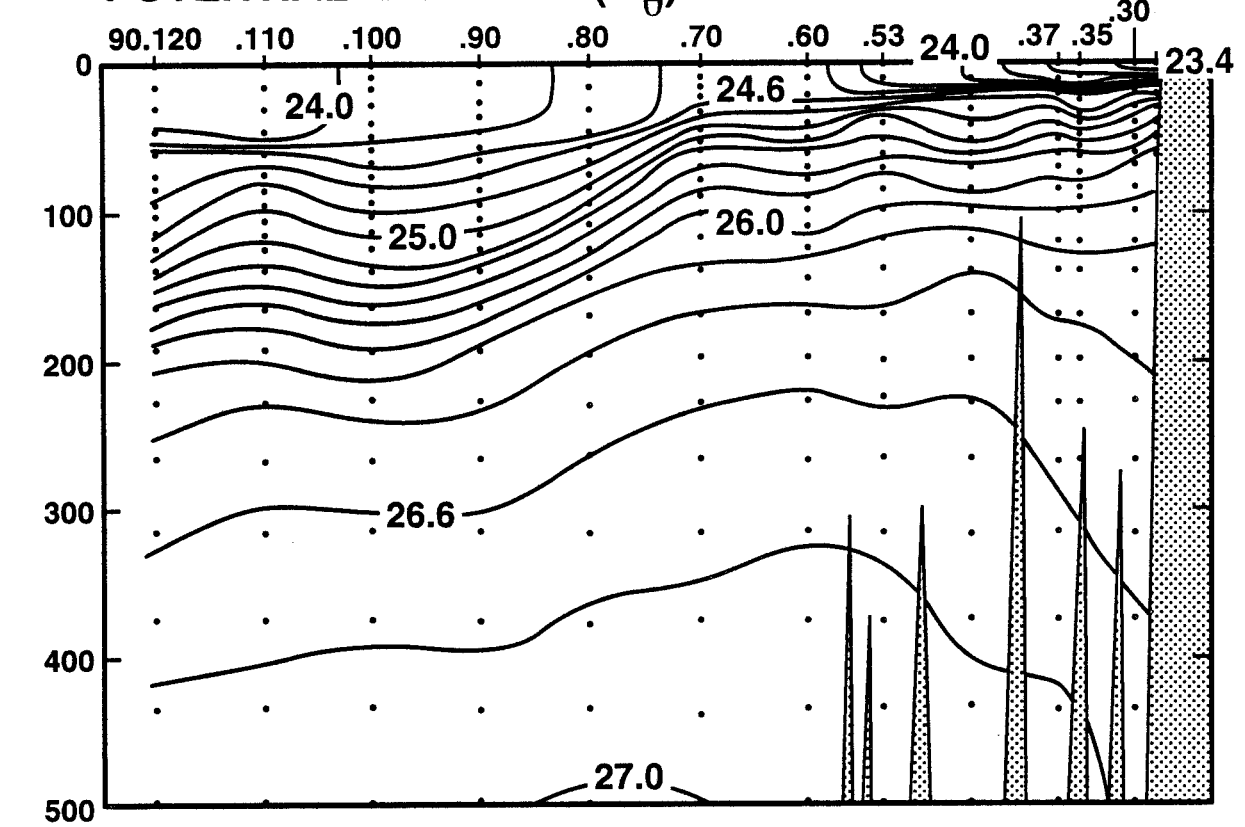


FIGURE 5A

DEPTH (m)

## TEMPERATURE (°C) ALONG CALCOFI LINE 90

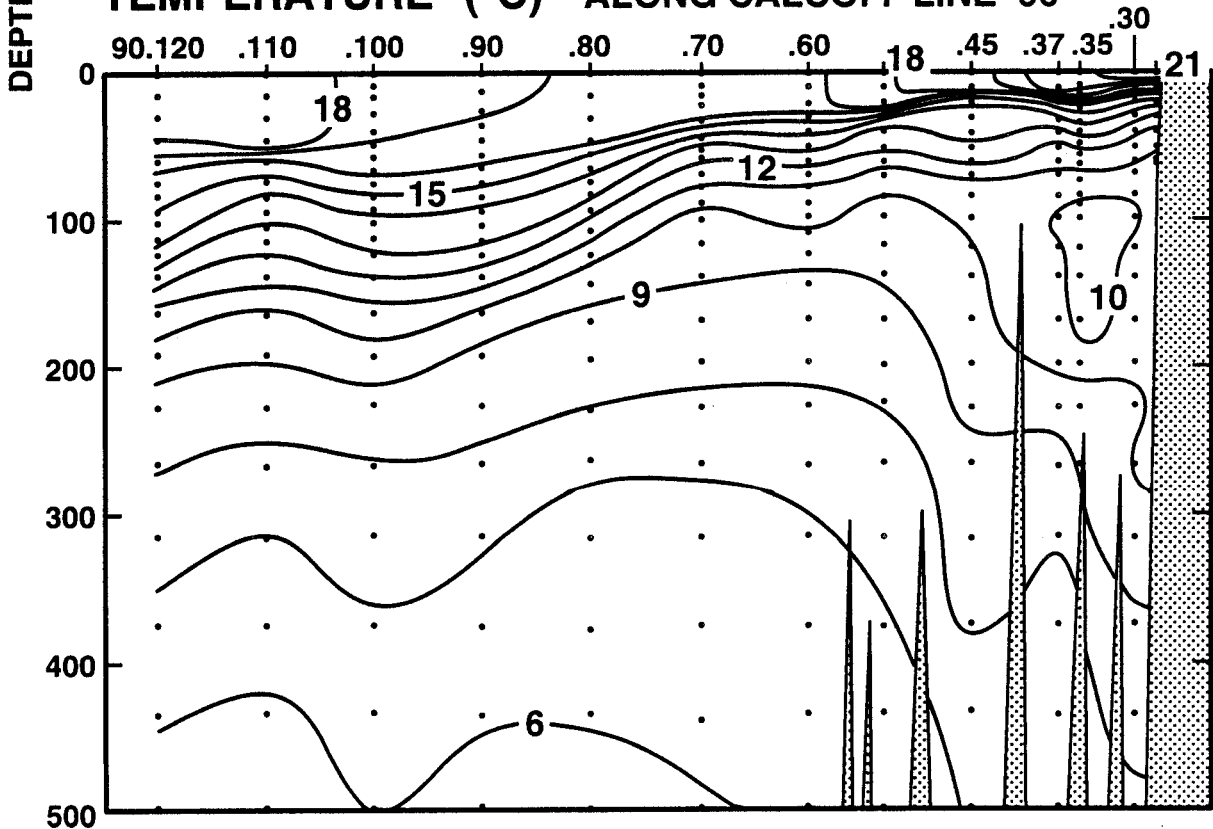


FIGURE 5B

# CALCOFI CRUISE 9707

5 - 8 JULY 1997

## SALINITY ALONG CALCOFI LINE 90

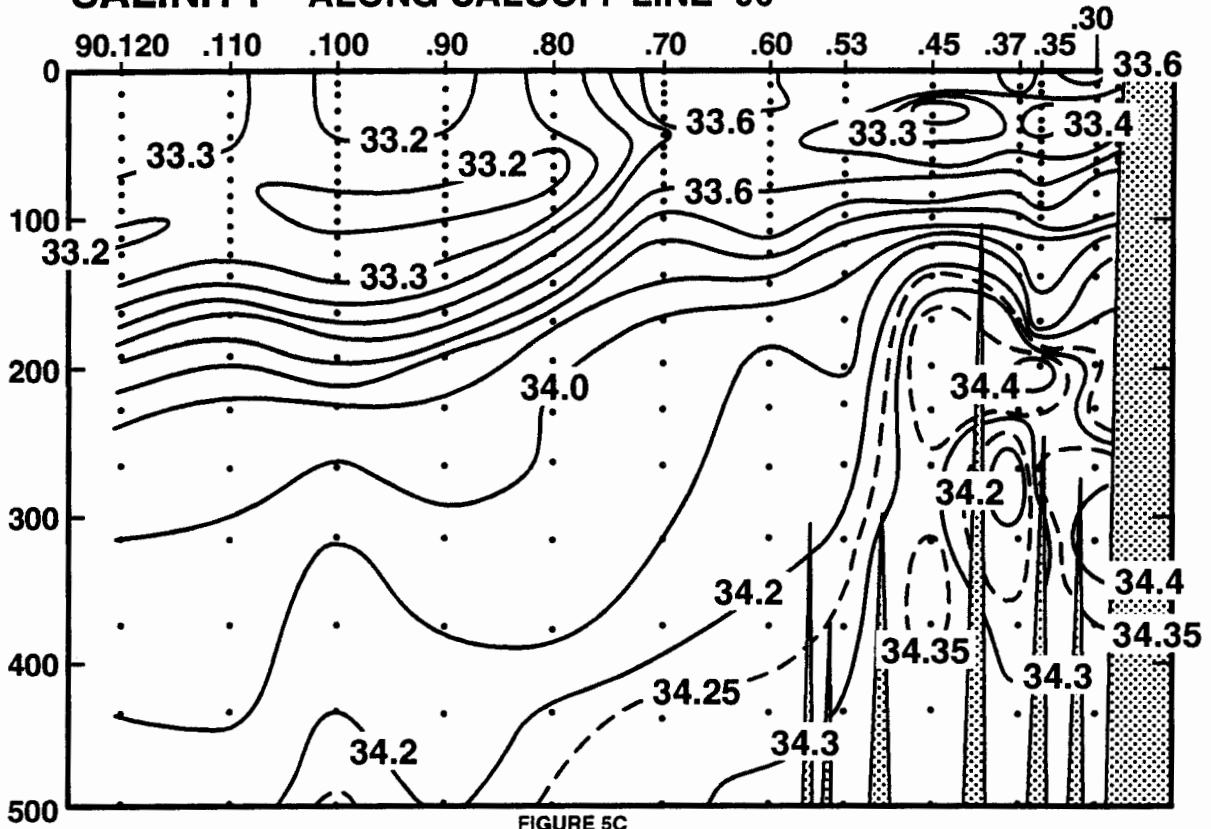


FIGURE 5C

DEPTH (m)

## SILICATE ( $\mu\text{M/l}$ ) ALONG CALCOFI LINE 90

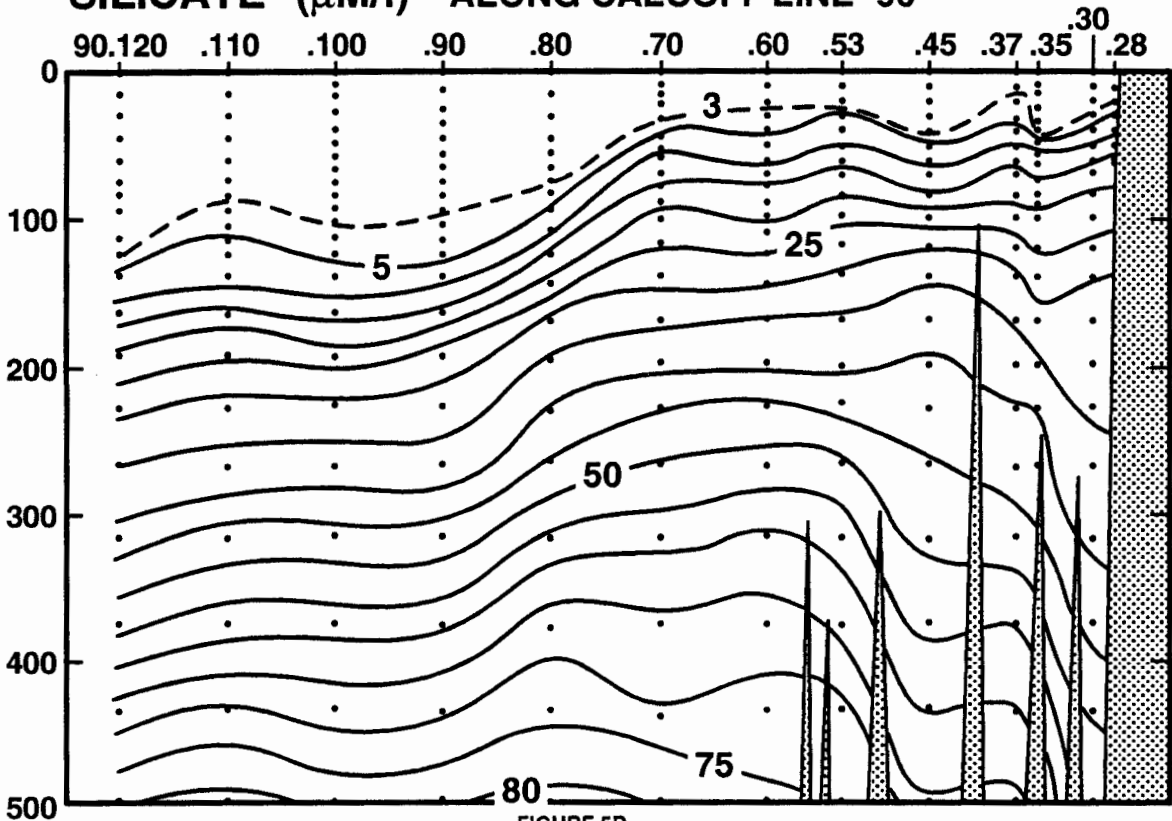


FIGURE 5D



# CALCOFI CRUISE 9707

5 - 8 JULY 1997

## NITRATE ( $\mu\text{M/l}$ ) ALONG CALCOFI LINE 90

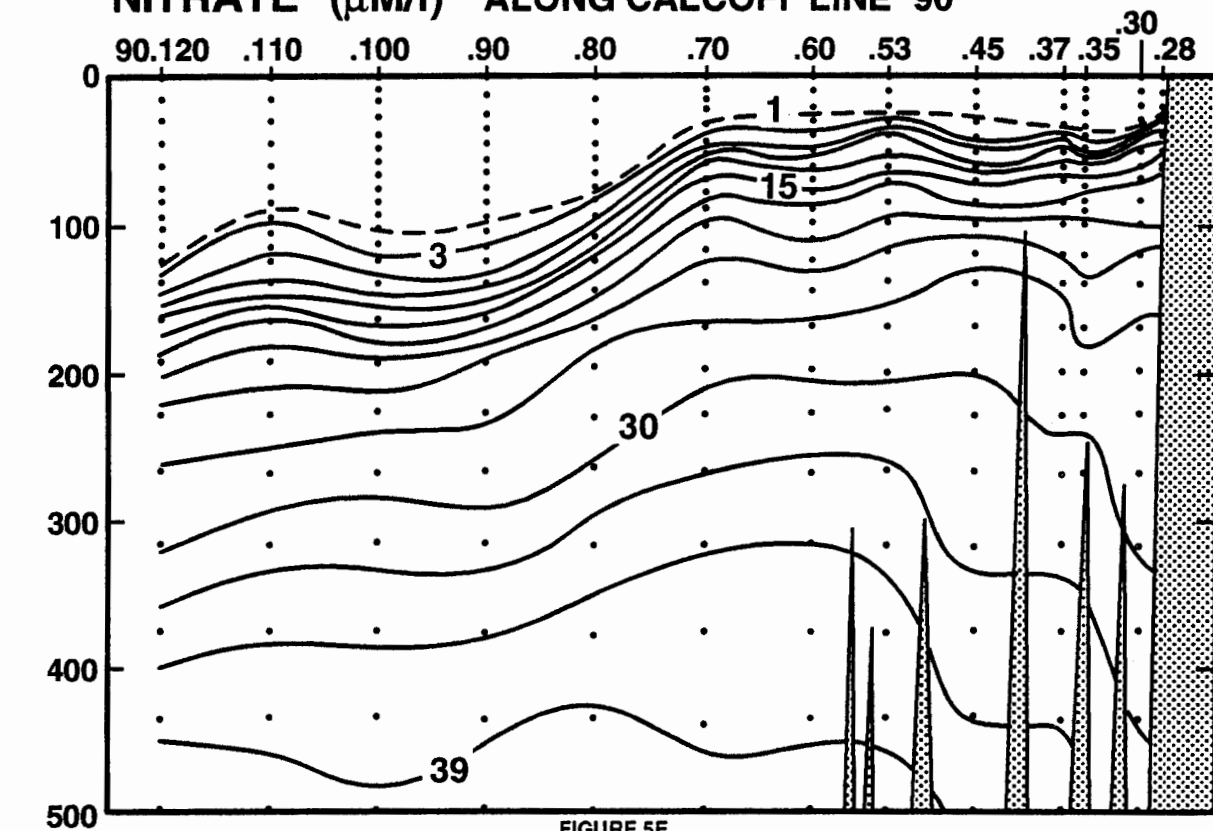


FIGURE 5E

## PHOSPHATE ( $\mu\text{M/l}$ ) ALONG CALCOFI LINE 90

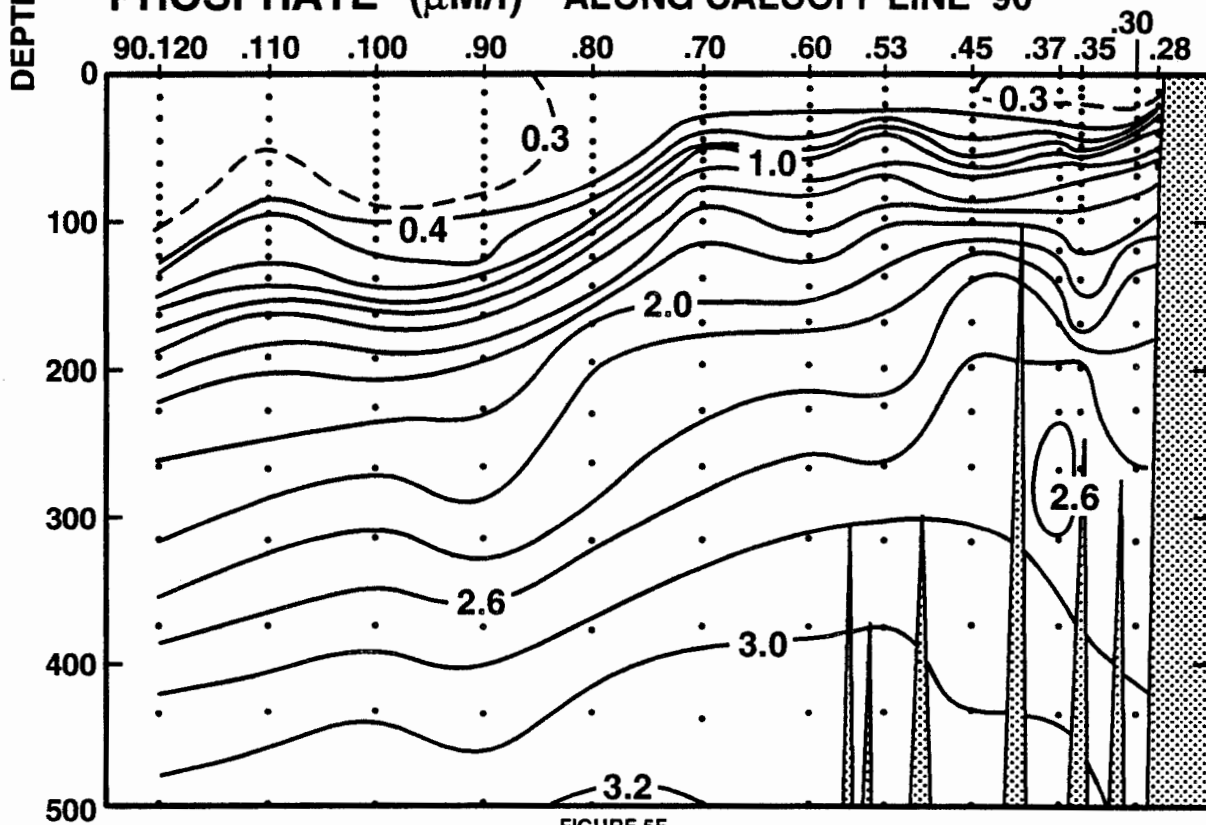


FIGURE 5F

# CALCOFI CRUISE 9707

5 - 8 JULY 1997

## CHLOROPHYLL-a ( $\mu\text{g/l}$ ) ALONG CALCOFI LINE 90

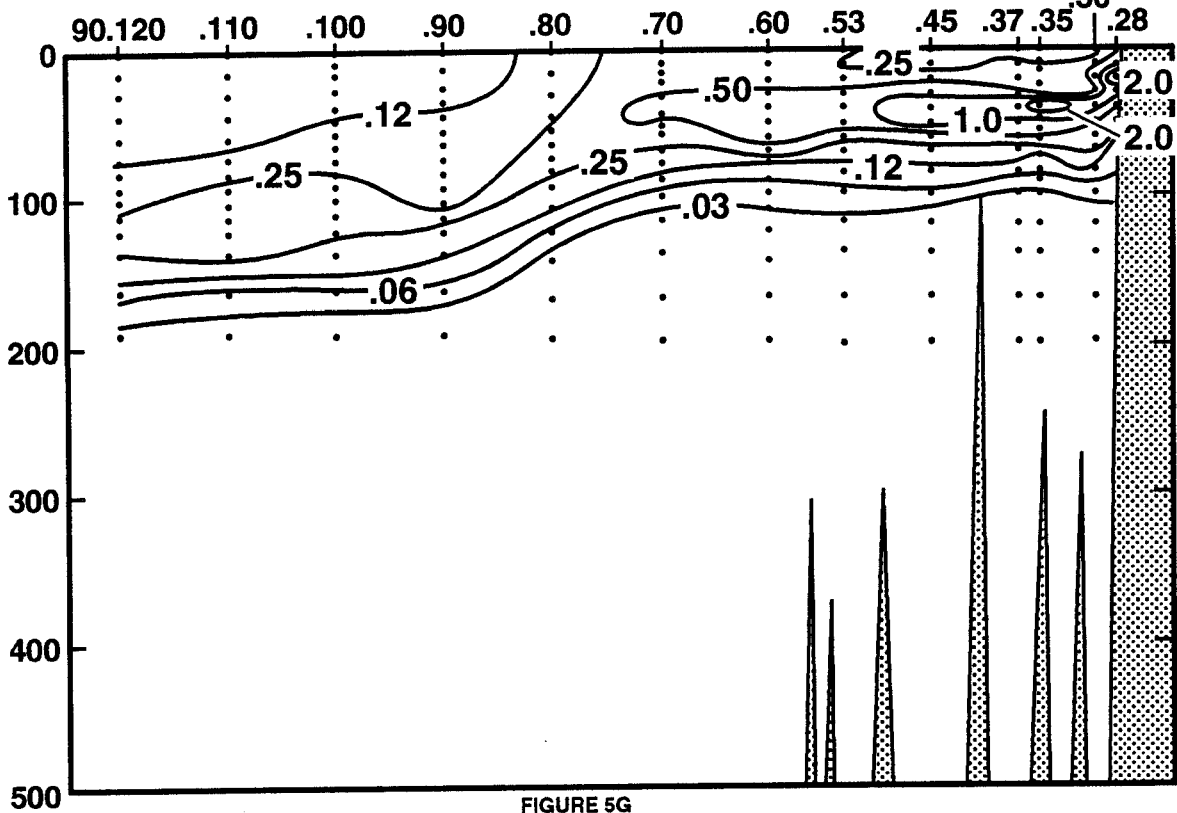


FIGURE 5G

DEPTH (m)

## OXYGEN SATURATION (%) ALONG CALCOFI LINE 90

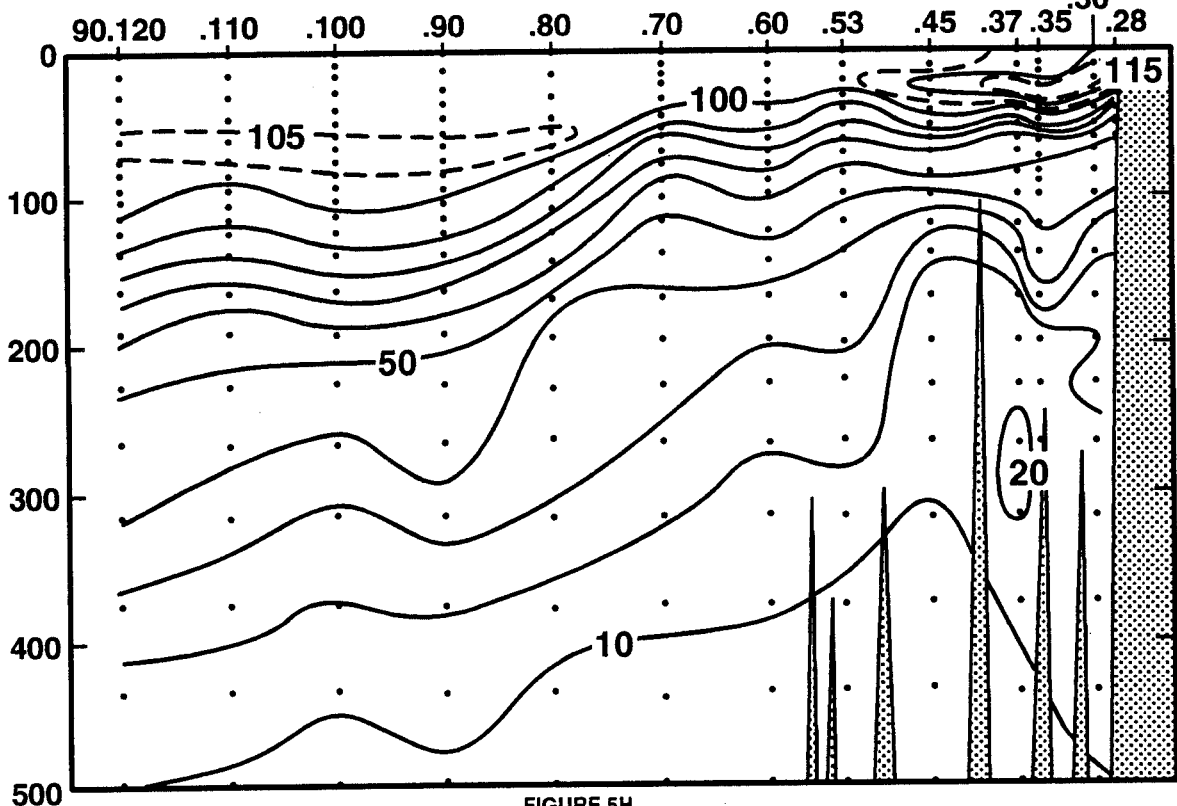


FIGURE 5H

# CALCOFI CRUISE 9707

5 - 8 JULY 1997

## OXYGEN (ml/l) ALONG CALCOFI LINE 90

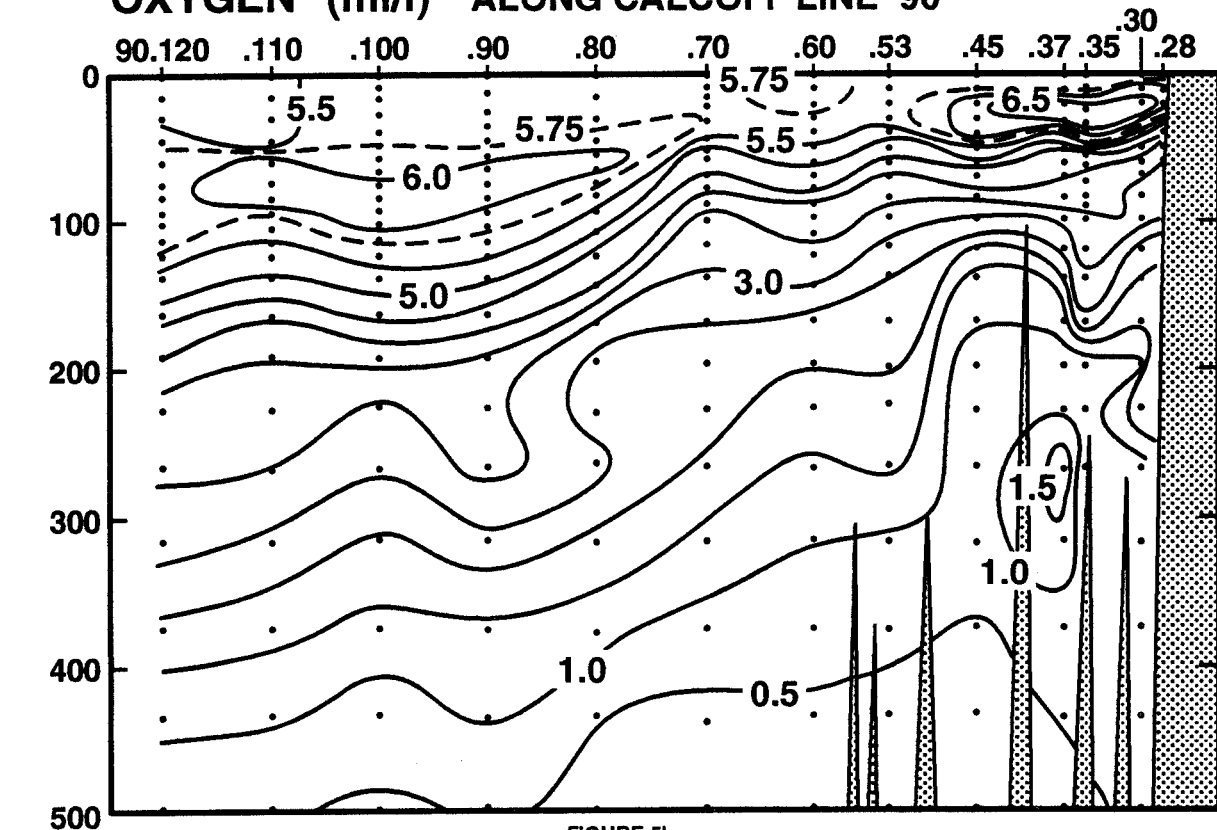


FIGURE 5I

## NITRITE ( $\mu\text{M/l}$ ) ALONG CALCOFI LINE 90

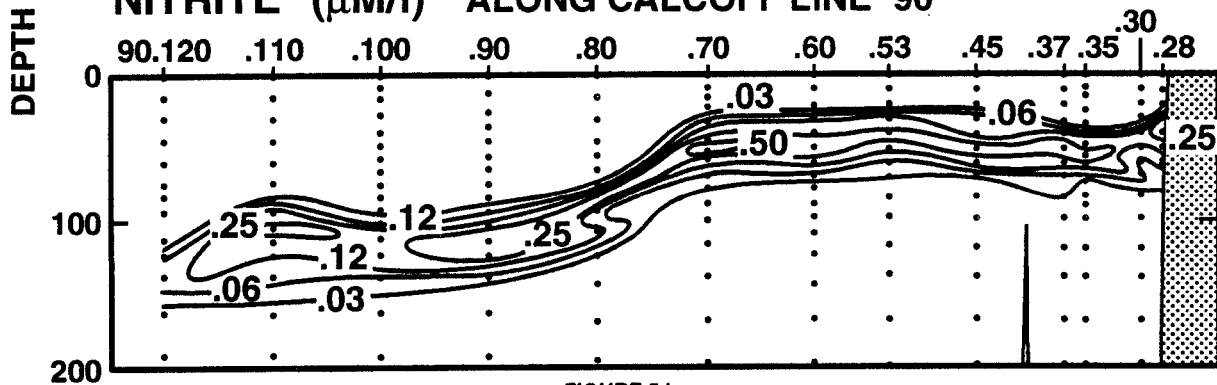


FIGURE 5J

## PHAEOPIGMENTS ( $\mu\text{g/l}$ ) ALONG CALCOFI LINE 90

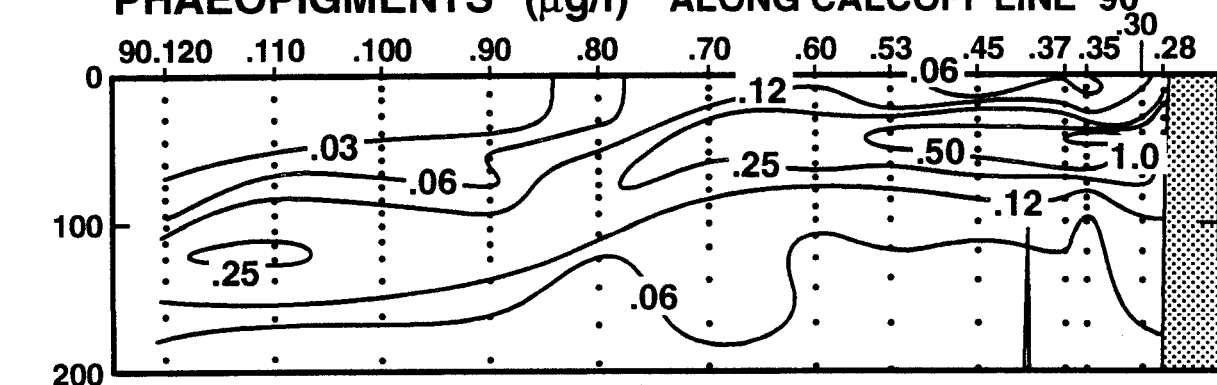


FIGURE 5K

## PERSONNEL

CalCOFI Cruise 9707

### SHIP'S CAPTAIN

Timothy J. Clancy, *RV David Starr Jordan*

### PERSONNEL PARTICIPATING IN THE COLLECTION OF DATA

		Participation (Leg)
Griffith, David A. (Chief Scientist)	Fishery Biologist, NMFS	1,2
Bichnevicius, Berzas M.	Laboratory Assistant, SIO	1
Checkley, David M.	Professor, SIO	2
Cummings, Sherry L.	Staff Research Associate, SIO	1,2
Dotson, Ronald C.	Fishery Biologist, NMFS	1,2
Fruetel, Debra L.	Laboratory Assistant, SIO	1,2
Gruber, Dennis W.	Marine Technician, SIO	1,2
Hays, Amy E.	Fishery Biologist, NMFS	1,2
Hyrenbach, K. David	Graduate Student, SIO	1
McGinnis, Jean L.	Staff Research Associate, SIO	1,2
Morgan, Stacey R.	Staff Research Associate, SIO	1,2
Nelson, Eric J.	Student, UCSD	2
Nelson, Jessica K.	Graduate Student, SIO	1
Ricoy, Ulises M.	Student, University of Texas	2
Twining, Ben S.	Student, Harvard University	2
Wieland, John D.	Staff Research Associate, SIO	1
Wilkinson, James R.	Programmer/Analyst, SIO	1,2

Leg 1: San Diego to Port San Luis, Ca., 1 July - 16 July, 1997

Leg 2: Port San Luis to San Diego, Ca., 16 July - 18 July, 1997