

## DELTA LOG

Dive No: 4143 Date: 8-14-97 Time down: 1320 Max Depth: 165'  
 Location: Middle Island Time up: 1342  
 Client: NMFS Duration: 22 min  
 Purpose: Demo Water Vis: 25'  
 Pilot: C. James Sea State: 0  
 Observer: Jerry Kennedy Jr Recorder: JL  
 Remarks: on bottom 1325 165'

Dive No: 4144 Date: 8.14 Time down: 1352 Max Depth: 165'  
 Location: MIDDLE IS. Time up: 1417  
 Client: NMFS Duration: 25 min.  
 Purpose: DEMO Water Vis: 25'  
 Pilot: C. James Sea State: 0  
 Observer: Robert Birkhoff Recorder: Slater  
 Remarks: 1357

Dive No: 4145 Date: 8-14 Time down: 1427 Max Depth: 170'  
 Location: Middle Island Time up: 1449  
 Client: NMFS Duration: 22 min.  
 Purpose: Demo Water Vis: 25'  
 Pilot: D Slater Sea State: 0  
 Observer: Saburo Kameya Recorder: JL  
 Remarks: on bottom 1432

Dive No: 4146 Date: 8-14 Time down: 1457 Max Depth: 170'  
 Location: Middle Island Time up: 1518  
 Client: N.M.F.S. Duration: 21 min.  
 Purpose: Demo Water Vis: 25'  
 Pilot: Dave Slater Sea State: 0  
 Observer: Jerry Kennedy Recorder: JL  
 Remarks: 15:00

## DELTA LOG

Dive No: 4147 Date: 8.14 Time down: 1530 Max Depth: 180'  
 Location: Middle Island Time up: 1552  
 Client: NMFS Duration: 22 MIN  
 Purpose: Demo Water Vis: 25'  
 Pilot: C. James Sea State: 2  
 Observer: J. Karinen Recorder:  
 Remarks:

DIVE DAY 43

Dive No: 4148 Date: 8.15 Time down: 1401 Max Depth: 265'  
 Location: Point Leo Time up: 1454  
 Client: NMFS Duration: 53 min  
 Purpose: Rockfish survey Water Vis: 20'  
 Pilot: D. Slater Sea State: 1  
 Observer: Ken Krieger Recorder: JL  
 Remarks:

80m (265')

Dive No: 4149 Date: 8-15 Time down: 1547 Max Depth: ~~164~~ 164'  
 Location: Salisbury Time up: 1815  
 Client: NMFS Duration: 88 min.  
 Purpose: Rockfish Survey Water Vis: 5-10'  
 Pilot: C. James Sea State: 0  
 Observer: Larry Hauga Recorder: JL  
 Remarks:

~~47m~~  
44m (144')

Dive No: ~~4148~~ 4150 Date: 8.15 Time down: 17:30 Max Depth: 150'  
 Location: Salisbury Sound Time up: 1800  
 Client: NMFS Duration: 30 min.  
 Purpose: Rockfish Survey Water Vis: 15'  
 Pilot: Dave Slater Sea State: 1  
 Observer: Mike Sigler Recorder: CBA  
 Remarks:

46m

# DIVE DAY #44

## DELTA LOG

Dive# 4151 Date: 8/16/97 Time down: 6:52 Max Depth: 1108  
 Location: KRUZOFF Time Up: 8:57  
 Client: NMFS Duration: 125 min.  
 Purpose: LONG LINE Water Vis: 25'  
 Pilot: C. James Sea State: 2  
 Observer: K Kneger Recorder: Slater  
 Remarks: \_\_\_\_\_

~~330m 327m 298m 269m~~

Dive# 4152 Date: 8/16/97 Time down: 0950 Max Depth: 1095'  
 Location: Kruzof Time Up: 1154  
 Client: NMFS Duration: 124 min.  
 Purpose: Long Line Water Vis: 25'  
 Pilot: D. Slater Sea State: 2  
 Observer: M. Sigler Recorder: JL  
 Remarks: \_\_\_\_\_

<sup>1129</sup> Dive# 4153 Date: 8/16/97 Time down: 1257 Max Depth: 1105  
 Location: KRUZOFF Time up: 1514  
 Client: NMFS Duration: 137 min.  
 Purpose: LONG LINE Water Vis: 25'  
 Pilot: C. James Sea State: 1  
 Observer: Larry Hoaga Recorder: Slater  
 Remarks: \_\_\_\_\_

<sup>337m</sup> DIVE DAY #45 <sup>1440</sup>

Dive# 4154 Date: 8-17 Time down: 0645 Max Depth: 990'  
 Location: Kruzof Time up: 0857  
 Client: NMFS Duration: 132 min.  
 Purpose: Line Transect Water Vis: 25'  
 Pilot: D. Slater Sea State: 1  
 Observer: Ken Kreiger Recorder: JL  
 Remarks: Start 0721 0826 301m

DELTALOG

Dive# 4155 Date: 8-17

Time down: 0942

Max Depth: 1006'

Location: Kruzof

Time Up: 1144

Client: NMFS

Duration: 122 min.

Purpose: Line Survey

Water Vis: 30'

Pilot: C. James

Sea State: 1

Observer: M. Sigler

Recorder: JL

Remarks: \_\_\_\_\_

1117

307m

Dive# 4156 Date: 8-17

Time down: 1232

Max Depth: 1099'

Location: Kruzof

Time Up: 1446

Client: NMFS

Duration: 134 min

Purpose: Line Survey

Water Vis: 25'

Pilot: D. Slater

Sea State: 1

Observer: L. Haaga

Recorder: JL

Remarks: \_\_\_\_\_

1416

335 m

Dive# 4157 Date: 8/17

Time down: 1538

Max Depth: 1169'

Location: Kruzof

Time Up: 1735

Client: NMFS

Duration: 117 min

Purpose: LINE SURVEY

Water Vis: 25'

Pilot: C. James

Sea State: 1

Observer: K. Krieger

Recorder: Slater

Remarks: \_\_\_\_\_

289m = 1256

356m = 1169'

DIVE DAY #46

Dive# 4158 Date: 8-18

Time down: 0650

Max Depth: 1190'

Location: Kruzof

Time Up: 0851

Client: NMFS

Duration: 121 min

Purpose: Line Survey

Water Vis: 25'

Pilot: D. Slater

Sea State: 1

Observer: M. Sigler

Recorder: JL

Remarks: \_\_\_\_\_

0826

363m

83

DELTALOG

Dive# 4159 Date: 8-18  
 Location: Kruzof  
 Client: NMFS  
 Purpose: Line Survey  
 Pilot: C. James  
 Observer: L. Hauga  
 Remarks: 11:10

Time down: 0931 Max Depth: 1073'  
 Time Up: 1039  
 Duration: 128 MIN  
 Water Vis: 25'  
 Sea State: Ø  
 Recorder: JL  
327m

Dive# 4160 Date: 8-18  
 Location: Kruzof  
 Client: NMFS  
 Purpose: Line Survey  
 Pilot: D. Slater  
 Observer: K. Krieger  
 Remarks: 1404

Time down: 1231 Max Depth: 1036'  
 Time Up: 1435  
 Duration: 124 min  
 Water Vis: 25'  
 Sea State: Ø  
 Recorder: JL  
316m

Dive# 4161 Date: 8-18  
 Location: Kruzof  
 Client: NMFS  
 Purpose: Line Survey  
 Pilot: C. James  
 Observer: M. Sigler  
 Remarks: [DIVE DAY # 47]

Time down: 1520 Max Depth: 1194'  
 Time up: 1720  
 Duration: 120 MIN  
 Water Vis: 25'  
 Sea State: Ø  
 Recorder: JL  
314m

Dive# 4162 Date: 8-19  
 Location: Kruzof  
 Client: NMFS  
 Purpose: Line Survey  
 Pilot: D. Slater  
 Observer: K. Krieger  
 Remarks: 1-2 340 2-3 345

Time down: 0644 Max Depth: 1200'  
 Time up: 0842  
 Duration: 118 min.  
 Water Vis: 25'  
 Sea State: 1  
 Recorder: JL  
230m

DELTALOG

Dive# 4163 Date: 8/19 Time down: 9:27 Max Depth: 1125'  
 Location: KWZOPK Time Up: 1140  
 Client: NMFS Duration: 133 min  
 Purpose: LINE TRANSECT Water Vis: 30'  
 Pilot: C. James Sea State: 1  
 Observer: M. Siger Recorder: Slater  
 Remarks: 343M. 954. 1108

Dive# 4164 Date: 8-19 Time down: 1255 Max Depth: 1033'  
 Location: Kruzot Time Up: 1514  
 Client: NMFS Duration: 139 min.  
 Purpose: Line Survey Water Vis: 30'  
 Pilot: D. Slater Sea State: 1  
 Observer: L. Haaga Recorder: SL  
 Remarks: 1446 315m

Dive# 4165 Date: 9-5-97 Time down: 0853 Max Depth: 90'  
 Location: Christianson Basin (N.S.) Time Up: 1010  
 Client: Rutgers Duration: 77 min  
 Purpose: Fish Survey Water Vis: 10'  
 Pilot: C. James Sea State: 3  
 Observer: Mike Fahay Recorder: SL  
 Remarks: 28m=90'

Dive# 4166 Date: 9-5 Time down: 1023 Max Depth: 90'  
 Location: Christianson Basin Time Up: 1140  
 Client: Rutgers Duration: 77 min  
 Purpose: Fish Survey Water Vis: 8'  
 Pilot: D Slater Sea State: 3  
 Observer: Brian Steves Recorder: SL  
 Remarks: 27m

DE LOG

Dive# 4167 Date: 9/5  
Location: C. Basin (NJ)  
Client: RUTGERS  
Purpose: FISH SURVEY.  
Pilot: C. James  
Observer: B. Cowen

Time down: 1310 Max Depth: 110'  
Time Up: 1425  
Duration: 75 min  
Water Vis: 8-10'  
Sea State: 2  
Recorder: Slater

Remarks: 32M. 33m

Dive# 4168 Date: 9-5  
Location: C. Basin (NJ)  
Client: Rutgers  
Purpose: Fish Survey  
Pilot: D. Slater  
Observer: Mark Sullivan

Time down: 1445 Max Depth: 110'  
Time Up: 15:47  
Duration: 62 min  
Water Vis: 10  
Sea State: 2  
Recorder: SL

Remarks: 33m

Dive# 4169 Date: 9/5  
Location: C. BASIN (NJ)  
Client: RUTGERS  
Purpose: FISH SWMP  
Pilot: C. James  
Observer: Stacy Hagen.

Time down: 1608 Max Depth: 110'  
Time Up: 1652  
Duration: 44 min  
Water Vis: 10'  
Sea State: 1  
Recorder: Slater

Remarks: 33m DNE DAY #47.

Dive# ~~4169~~ 4170 Date: 9-6  
Location: New York Bight  
Client: Rutgers  
Purpose: Fish Survey  
Pilot: D. Slater  
Observer: Bob Cowen

Time down: 0658 Max Depth: 155'  
Time Up: 0757  
Duration: 59min  
Water Vis: 15-20'  
Sea State: 2  
Recorder: SL

Remarks: 45m 47m

DELTA LOG

Dive# 4171 Date: 9-6-97  
 Location: N.Y. Bight  
 Client: Rutgers  
 Purpose: Fish Survey  
 Pilot: C. James  
 Observer: Brian Steves  
 Remarks: 46m

Time down: 0816 Max Depth: 152'  
 Time Up: 0913  
 Duration: 57 MIN  
 Water Vis: ~~100~~ 25'  
 Sea State: 2  
 Recorder: JL  
47m.

Dive# 4172 Date: 9-6-97  
 Location: N.Y. Bight  
 Client: Rutgers/NURP  
 Purpose: Fish survey  
 Pilot: Dave Slater  
 Observer: Mika Fabay  
 Remarks: 56m

Time down: 11:05 Max Depth: 183'  
 Time Up: 12:02  
 Duration: 63 min.  
 Water Vis: 25'  
 Sea State: 2  
 Recorder: CBA

Dive# 4173 Date: 9/6  
 Location: NY Bight  
 Client: Rutgers  
 Purpose: Fish Survey  
 Pilot: C. James  
 Observer: Mark Sullivan  
 Remarks: 56m

Time down: 1220 Max Depth: 181'  
 Time Up: 1321  
 Duration: 61 MIN  
 Water Vis: 25  
 Sea State: 1  
 Recorder: JL  
56m.

Dive# 4174 Date: 9-6  
 Location: NY Bight  
 Client: Rutgers/NURP  
 Purpose: Fish Survey  
 Pilot: D. Slater  
 Observer: Brian Steves  
 Remarks: 56m

Time down: 1701 Max Depth: 215'  
 Time Up: 1759  
 Duration: 58 min  
 Water Vis: 25  
 Sea State: 3  
 Recorder: JL



DELTALOG

Dive# 4175 Date: 9-6  
 Location: NY Bight  
 Client: Rutgers/NURP  
 Purpose: Fish Survey  
 Pilot: C. James  
 Observer: B. Cowan  
 Remarks: 65m

Time down: 1815 Max Depth: 210'  
 Time Up: 1913  
 Duration: 58 min.  
 Water Vis: 25'  
 Sea State: 2  
 Recorder: JL

Dive# 4176 Date: 9/7/97  
 Location: NY Bight  
 Client: Rutgers/NURP  
 Purpose: Fish Survey  
 Pilot: D. Slater  
 Observer: Mitche Fahay  
 Remarks: 92m

DIVE DAY 50

Time down: 0643 Max Depth: 302'  
 Time Up: 0747  
 Duration: 64 min  
 Water Vis: 10-15'  
 Sea State: 1  
 Recorder: JL

Dive# 4177 Date: 9/7/97  
 Location: NY Bight  
 Client: Rutgers/NURP  
 Purpose: Fish Survey  
 Pilot: C. James  
 Observer: Mark Sullivan  
 Remarks: 90m

Time down: 0806 Max Depth: 295'  
 Time Up: 0911  
 Duration: 55 min  
 Water Vis: 10-15'  
 Sea State: 1-2  
 Recorder: JL

Dive# 4178 Date: 9-7-97  
 Location: N.Y. Bight  
 Client: Rutgers/NURP  
 Purpose: Fish Survey  
 Pilot: Dave Slater  
 Observer: Bob Cowan  
 Remarks: 92 m.

Time down: 1405 Max Depth: 301'  
 Time Up: 1532  
 Duration: 87 MIN  
 Water Vis: 10-15'  
 Sea State: 1  
 Recorder: CBS

## DELTA LOG

Dive No: 4179 Date: 9-7-97 Time down: 1553 Max Depth: 297'  
 Location: NY Bight Time up: 1704  
 Client: Rutgers/NURP Duration: 71 MIN.  
 Purpose: Fish Survey Water Vis: 25'  
 Pilot: C. Ijames Sea State: 1  
 Observer: Brian Steves Recorder: JL  
 Remarks:

9m DNE DAN #51.

Dive No: 4180 Date: 9/8/97 Time down: 0640 Max Depth: 226'  
 Location: NY Bight Time up: 0740  
 Client: Rutgers/NURP Duration: 60 min.  
 Purpose: Fish Survey Water Vis: 10-15  
 Pilot: D. Slater Sea State:  $\emptyset$   
 Observer: Bob Cowen Recorder: JL  
 Remarks:

69m

Dive No: 4181 Date: 9/8/97 Time down: 0757 Max Depth: 226'  
 Location: NY Bight Time up: 0857  
 Client: Rutgers/NURP Duration: 60 min  
 Purpose: Fish Survey Water Vis: 10-15'  
 Pilot: C. Ijames Sea State:  $\emptyset$   
 Observer: Brian Steves Recorder: JL  
 Remarks: 68m 69m

Dive No: 4182 Date: 9/8 Time down: 1239 Max Depth: 203'  
 Location: NY Bight Time up: 1341  
 Client: Rutgers/NURP Duration: 62 min  
 Purpose: Fish Survey Water Vis: 10-15'  
 Pilot: D. Slater Sea State: 2  
 Observer: M. Fayroy Recorder: JL  
 Remarks: 62m

## DELTA LOG

Dive No: 4183 Date: 9/8/97 Time down: 1354 Max Depth: 203'  
 Location: NY Bight Time up: 1458  
 Client: Rutgers/NURP Duration: 64 MIN  
 Purpose: Fish Survey Water Vis: 10-15  
 Pilot: C. I James Sea State: 2  
 Observer: Mark Sullivan Recorder: JL  
 Remarks: 62m

DIVE DAY 52

Dive No: 4184 Date: 9/9/97 Time down: 1458 Max Depth: 78'  
 Location: NY Bight Time up: 1509  
 Client: Rutgers/NURP Duration: 11 min.  
 Purpose: Fish Survey Water Vis: 5'  
 Pilot: D. Slater Sea State: 2  
 Observer: Mike Faybay Recorder: JL  
 Remarks: 24m

limited visibility

DIVE DAY #53

Dive No: 4185 Date: 9/29/97 Time down: 1507 Max Depth: 555'  
 Location: Slate Rock (Big Sur) Time up: 1701  
 Client: MERPA Duration: 114 min.  
 Purpose: TRANSECT Water Vis: 15-20'  
 Pilot: C. I JAMES Sea State: 1  
 Observer: BOB LEA Recorder: Slater  
 Remarks: BIG CREEK 30' 555'

Dive No: 4186 Date: 9/29/97 Time down: 1720 Max Depth: 108'  
 Location: Big Sur Time up: 18:08  
 Client: MERPA Duration: 48 min  
 Purpose: TRANSECT Water Vis: 10-15'  
 Pilot: D. Slater Sea State: 1  
 Observer: G. Cailliet Recorder: JL  
 Remarks: some 33m

## ONE DAY #54.

## DELTA LOG

Dive No: 4187 Date: 9-30 Time down: 7:57 Max Depth: 905'  
 Location: BIG SUR Time up: 0957  
 Client: MERPA Duration: 120 min  
 Purpose: TRANSECT Water Vis: 20'  
 Pilot: C. James Sea State: 0  
 Observer: M. UOKLAVICH Recorder: Slater  
 Remarks: \*346 COMMENT BRIDGE CANYON 276m @ 8:10.

Dive No: 4188 Date: 9-30 Time down: 1041 Max Depth: 816'  
 Location: Big Sur Time up: 1206  
 Client: MERPA Duration: ~~85~~ 85 min.  
 Purpose: Transect Water Vis: 20'  
 Pilot: D. Slater Sea State: 0  
 Observer: B. Lea Recorder: JL  
 Remarks: 249m

Dive No: 4189 Date: 9-30 Time down: 1232 Max Depth: 770'  
 Location: BIG SUR Time up: 1401  
 Client: MERPA Duration: 89 min  
 Purpose: TRANSECT Water Vis: 20'  
 Pilot: C. James Sea State: 0  
 Observer: G. Collet Recorder: Slater  
 Remarks: 235M

Dive No: 4190 Date: 9-30 Time down: 1420 Max Depth: 492'  
 Location: Big Sur Time up: 1533  
 Client: MERPA Duration: 73 min.  
 Purpose: Transect Water Vis: 20'  
 Pilot: D. Slater Sea State: 0  
 Observer: Jean DeMaignac Recorder: JL  
 Remarks: 150

## DELTA LOG

Dive No: 4191 Date: 9-30 Time down: 1559 Max Depth: 210'  
 Location: Big Sur Time up: 1730  
 Client: MERPA Duration: 91 min  
 Purpose: Transect Water Vis: 20'  
 Pilot: C. I. James Sea State: 1  
 Observer: Jeff Field Recorder: SL  
 Remarks:

64m

**DIVE DAY 55**

Dive No: 4192 Date: 10-1-97 Time down: 0735 Max Depth: 150'  
 Location: Big Sur Time up: 09:00  
 Client: MERPA Duration: 85 min  
 Purpose: Transect Water Vis: 20  
 Pilot: D. Slater Sea State: 0  
 Observer: G. Laillet Recorder: SL  
 Remarks:

~~30m~~

46m

Dive No: 4193 Date: 10-1-97 Time down: 9:23 Max Depth: 118'  
 Location: BIG SUR Time up: 1050  
 Client: MERPA Duration: 87 min  
 Purpose: TRANSECT Water Vis: 20.  
 Pilot: C. I. James Sea State: 2  
 Observer: B. Lea Recorder: Slater  
 Remarks:

~~31m~~~~34m~~ 36m

Dive No: 4194 Date: 10-1 Time down: 1122 Max Depth: 114'  
 Location: Big Sur Time up: 1252  
 Client: MERPA Duration: 90 min  
 Purpose: Transect Water Vis: 20'  
 Pilot: D. Slater Sea State: 0  
 Observer: R. Starr Recorder: SL  
 Remarks:

30 M

## DELTA LOG

Dive No: 4995 Date: 10-1 Time down: 1313 Max Depth: 114'  
 Location: Big Surf Time up: 1343  
 Client: MERPA Duration: 30 min  
 Purpose: Transect Water Vis: 25  
 Pilot: C. James Sea State: 0  
 Observer: Lisa Ziabro Recorder: JL  
 Remarks: 35m

Dive No: 4996 Date: 10-1 Time down: 1405 Max Depth: 606'  
 Location: Big Surf Time up: 1600  
 Client: MERPA Duration: 115 min  
 Purpose: Transect Water Vis: 25'  
 Pilot: D. Slater Sea State: 0  
 Observer: M. Yaklovich Recorder: JL  
 Remarks: 185m

Dive No: 4997 Date: 10-1 Time down: 1640 Max Depth: 557'  
 Location: Big Surf Time up: 1734  
 Client: MERPA Duration: 54 min  
 Purpose: Transect Water Vis: 15-20  
 Pilot: ~~DAN~~ C. James Sea State: 0  
 Observer: J. diMarignac Recorder: JL  
 Remarks: 170m

DIVE DAN #56  
 Dive No: 4998 Date: 10-2 Time down: 0718 Max Depth: 118'  
 Location: Big Surf Time up: 0813  
 Client: MERPA Duration: 55 MIN.  
 Purpose: Transect Water Vis: 10-15'  
 Pilot: D. Slater Sea State: 0  
 Observer: Greg Cailliet Recorder: JL  
 Remarks: 30m

## DELTA LOG

Dive No: 4199 Date: 10/2 Time down: 8:37 Max Depth: 158'  
 Location: BIG SUR Time up: 1008  
 Client: MERPA Duration: 91 min.  
 Purpose: TRANSECT Water Vis: 15'  
 Pilot: C. James Sea State: 1  
 Observer: R. Starr Recorder: Slater  
 Remarks: 48m

Dive No: 4200 Date: 10-2 Time down: 1027 Max Depth: 180'  
 Location: Big Sur Time up: 1140  
 Client: MERPA Duration: 73 MIN  
 Purpose: Transect Water Vis: 20  
 Pilot: D. Slater Sea State: 1  
 Observer: J. Field Recorder: JC  
 Remarks: 55m

Dive No: 4201 Date: 10-3 DNE DAY # 57 Time down: 8:03 Max Depth: 721'  
 Location: BIG SUR Time up: 1000  
 Client: MERPA Duration: 117 min  
 Purpose: TRANSECT Water Vis: 25'  
 Pilot: C. JAMES Sea State: 1  
 Observer: B. LEA Recorder: Slater  
 Remarks: 220m

Dive No: 4202 Date: 10-3 Time down: 1055 Max Depth: 669'  
 Location: Big Sur Time up: 1203  
 Client: MERPA Duration: 68 MIN  
 Purpose: Transect Water Vis: 25'  
 Pilot: D. Slater Sea State: 1  
 Observer: Diedra Sullivan Recorder: JC  
 Remarks: 204m

DELTA LOG

Dive No: 4203 Date: 10-3 Time down: 1230 Max Depth: 580'  
 Location: Big Sur Time up: 1345  
 Client: MERPA Duration: 75 MIN.  
 Purpose: Transect Water Vis: 25'  
 Pilot: C. I James Sea State: 1  
 Observer: Rick Starr Recorder: JL  
 Remarks: 177 m

Dive No: ~~4204~~ 4024 Date: 10-3 Time down: 1440 Max Depth: 740'  
 Location: Big Sur Time up: 1601  
 Client: MERPA Duration: 81 MIN  
 Purpose: Transect Water Vis: 20'  
 Pilot: D. Slater Sea State: 2  
 Observer: M. Yarkovich Recorder: JL  
 Remarks: 224 m

DNE DAY #58

Dive No: ~~4205~~ 4025 Date: 10-4 Time down: 933 Max Depth: 321'  
 Location: Big Sur Time up: 1107  
 Client: MERPA Duration: 94 min  
 Purpose: TRANSECT Water Vis: 15'  
 Pilot: C. I James Sea State: 1  
 Observer: B. Lea Recorder: Slater  
 Remarks: 70m 98m

Dive No: 4206 Date: 10-4 Time down: 1139 Max Depth: 330'  
 Location: Big Sur Time up: 1236  
 Client: MERPA Duration: 57 min.  
 Purpose: Transect Water Vis: 10-15  
 Pilot: D. Slater Sea State: 2-3  
 Observer: Sean di Morignac Recorder: JL  
 Remarks: 116 m

05-028  
37 959



# DIVE DAY 59

## DELTA LOG

Dive No: 4207 Date: 10-6 Time down: 0918 Max Depth: 578'  
 Location: ~~Monterey Canyon~~ Monterey Canyon Time up: 0938  
 Client: NURP Duration: 20 min  
 Purpose: Transect Water Vis: 3'  
 Pilot: C. Ijames Sea State: 2-3  
 Observer: Korie Johnson Recorder: JL  
 Remarks: 176m

Dive No: 4208 Date: 10-6 Time down: 1136 Max Depth: 90'  
 Location: off Santa Cruz Time up: 1145  
 Client: NURP Duration: 9 min  
 Purpose: Tracking Test Water Vis: 0  
 Pilot: D. Slater Sea State: 3  
 Observer: S. Heine Recorder: JL  
 Remarks: 34m

# DIVE DAY # 60

Dive No: 4209 Date: 10-7 Time down: 0827 Max Depth: 994'  
 Location: Monterey Canyon Time up: 1002  
 Client: NURP Duration: 95 min  
 Purpose: Tracking Fish Water Vis: 15'  
 Pilot: C. Ijames Sea State: 1  
 Observer: S. Heine Recorder: JL  
 Remarks: 303m

Dive No: 4210 Date: 10-7 Time down: 1022 Max Depth: 754'  
 Location: Monterey Canyon Time up: 11:49  
 Client: NURP Duration: 87 min.  
 Purpose: Fish Tracking Water Vis: 10-15'  
 Pilot: D. Slater Sea State: 1  
 Observer: Korie Johnson Recorder: JL  
 Remarks: 206m 220m

DNE DAY #61

## DELTA LOG

Dive No: 4211 Date: 10/8 Time down: 7:30 Max Depth: 626'  
 Location: Sequel Canyon Time up: 8:05  
 Client: NURP/MLML Duration: 35 MIN.  
 Purpose: Deploy Array #1 Water Vis: 30'  
 Pilot: C. I. James Sea State: ~~0~~  
 Observer: J. Heine Recorder: Slater  
 Remarks: 47 762W 03 067W P11M.

Dive No: 4212 Date: 10-8 Time down: 0840 Max Depth: 568'  
 Location: Sequel Canyon Time up: 0920  
 Client: NURP/MLML Duration: 40 min  
 Purpose: Deploy Array #2 Water Vis: 30'  
 Pilot: D. Slater Sea State:  $\phi$   
 Observer: Korie Johnson Recorder: SL  
 Remarks: 173m

Dive No: 4213 Date: 10-8 Time down: 9:40 Max Depth: 568  
 Location: Sequel Canyon Time up: 10:13  
 Client: NURP/MLML Duration: 33 MIN.  
 Purpose: Deploy Array #3 Water Vis: 30'  
 Pilot: C. James Sea State: ~~0~~  
 Observer: Joe Pizzaro Recorder: Slater  
 Remarks: 173M.

Dive No: 4214 Date: 10-8 Time down: 1032 Max Depth: 570  
 Location: Sequel Canyon Time up: 1154  
 Client: NURP/MLML Duration: 82 min  
 Purpose: Transect Water Vis: 6' - 30'  
 Pilot: D. Slater Sea State:  $\phi$   
 Observer: Korie Johnson Recorder: SL  
 Remarks: 120m 174 m

## DELTA LOG

Dive No: 4215 Date: 10/8 Time down: 12:19 Max Depth: 624  
 Location: Soquel Canyon Time up: 13:35  
 Client: NURP/MLML Duration: 76 min  
 Purpose: Transect Water Vis: 30'  
 Pilot: C. James Sea State: 0  
 Observer: S. Heine Recorder: JL  
 Remarks: 165m

Dive No: 4216 Date: 10-8 Time down: 1403 Max Depth: 594'  
 Location: Soquel Canyon Time up: 1509  
 Client: NURP/MLML Duration: 66 min  
 Purpose: Transect Deploy #4 Water Vis: 30'  
 Pilot: D. Slater Sea State: 0  
 Observer: Joe Pizzaro Recorder: JL  
 Remarks: 180m

Dive No: 4217 Date: 10/8 Time down: 1532 Max Depth: 813'  
 Location: SOQUEL CANYON Time up: 1717  
 Client: NURP/MLML Duration: 105 min  
 Purpose: TRANSECT Water Vis: 50'  
 Pilot: C. James Sea State: 1  
 Observer: R. Starr Recorder: Slater  
 Remarks: 206M 153M 298M

[DIVE DAY 62]

Dive No: 4218 Date: 10/10 Time down: 0710 Max Depth: 758'  
 Location: Platform Iron Grail Time up: 0922  
 Client: NBS/UCSB Duration: 132 min  
 Purpose: Survey Water Vis: 50'  
 Pilot: D. Slater Sea State: 1  
 Observer: M. Love Recorder: JL  
 Remarks: 225m

DIVE DAY # 63

## DELTA LOG

Dive No: 4219 Date: 10/11 Time down: 8:35 Max Depth: 514'  
 Location: CATALINA (AVALON) Time up: 9:22  
 Client: NBS/UCSB Duration: 47 MIN.  
 Purpose: FISH TRANSECT Water Vis: 50'  
 Pilot: C. James Sea State: 2  
 Observer: Mary Nishimoto Recorder: Slater  
 Remarks: 158M. ~~462M.~~

Dive No: 4220 Date: 10-11 Time down: 1117 Max Depth: 262'  
 Location: Catalina (Whites Landing) Time up: 1157  
 Client: NBS/UCSB Duration: 40 min  
 Purpose: Fish Transect Water Vis: 50'-8'  
 Pilot: D. Slater Sea State: 0  
 Observer: Bob Lea Recorder: JL  
 Remarks: 30m 35m 46m 80m

Dive No: 4221 Date: 10-11 Time down: 1217 Max Depth: 246'  
 Location: Catalina (Whites Landing) Time up: 1254  
 Client: NBS/UCSB Duration: 37m  
 Purpose: Fish Transect Water Vis: 25'  
 Pilot: C. James Sea State: 0  
 Observer: Arnold Amman Recorder: JL  
 Remarks: ~~45m~~ 75m

Dive No: 4222 Date: 10-11 Time down: 1307 Max Depth: 351'  
 Location: Catalina (Whites Landing) Time up: 1330  
 Client: NBS/UCSB Duration: 23 min  
 Purpose: DEMO Water Vis: 50'  
 Pilot: D. Slater Sea State: 1  
 Observer: John Carter Recorder: JL  
 Remarks: 35m 107m

## DIVE DAY #64

## DELTA LOG

Dive No: 4223 Date: 10/12 Time down: 0716 Max Depth: 213'  
 Location: Platform Holly Time up: 0905  
 Client: NBS/UCSB Duration: 109 min  
 Purpose: Survey Water Vis: 25  
 Pilot: C. James Sea State: 0  
 Observer: Donna Schroeder Recorder: JL  
 Remarks: ~~65m~~ 65m

Dive No: 4224 Date: 10/12 Time down: 1226 Max Depth: 315'  
 Location: Platform Grace Time up: 1423  
 Client: NBS/UCSB Duration: 122 min  
 Purpose: SURVEY Water Vis: 20'  
 Pilot: D. Slater Sea State: 0  
 Observer: B. Lea Recorder: JL  
 Remarks: 96m

Dive No: 4225 Date: 10-12 Time down: 1530 Max Depth: 770'  
 Location: Platform Gail Time up: 1738  
 Client: NBS/UCSB Duration: 128 min  
 Purpose: Survey Water Vis: 30'  
 Pilot: C. James Sea State: 1  
 Observer: Arnold Ammon Recorder: JL  
 Remarks:

## DIVE DAY #65

Dive No: 4226 Date: 10-13 Time down: 0706 Max Depth: 243'  
 Location: Platform Irene Time up: 0804  
 Client: NBS/UCSB Duration: 58 min  
 Purpose: Survey Water Vis: 25-30  
 Pilot: D. Slater Sea State: 0  
 Observer: M. Love Recorder: JL  
 Remarks:

74m

## DELTA LOG

Dive No: 4227 Date: 10-13 Time down: 0921 Max Depth: 436'  
 Location: Platform Hidalgo Time up: 1109  
 Client: NBS/UCSB Duration: 108 min  
 Purpose: Transect Water Vis: 30'  
 Pilot: C. I. James Sea State: 0  
 Observer: M. Love Recorder: JL  
 Remarks: 133m

Dive No: 4228 Date: 10-13 Time down: 1153 Max Depth: 679'  
 Location: Platform Harvest Time up: 1228  
 Client: NBS/UCSB Duration: 35 min  
 Purpose: Transect Water Vis: 15-20'  
 Pilot: D. Slater Sea State: 1  
 Observer: D. Schreder Recorder: JL  
 Remarks: 207m

Dive No: 4229 Date: 10-13 Time down: 1304 Max Depth: 590'  
 Location: Platform Hermosa Time up: 1518  
 Client: NBS/UCSB Duration: 134 min.  
 Purpose: Transect Water Vis: 30'  
 Pilot: C. I. James Sea State: 1  
 Observer: Mary Nishimoto Recorder: JL  
 Remarks: 186m

Dive No: 4230 Date: 10-13 Time down: 1552 Max Depth: 662'  
 Location: Platform Harvest Time up: 1727  
 Client: NBS/UCSB Duration: 95 min.  
 Purpose: Transect Water Vis: 25'  
 Pilot: D. Slater Sea State: 1  
 Observer: D. Schreder Recorder: JL  
 Remarks: 202m

ONE DAY '04

## DELTA LOG

Dive No: 4231 Date: 10/14 Time down: 0705 Max Depth: 678'  
 Location: PLATFORM HARVEST Time up: 0940  
 Client: NBS/UCSB Duration: 155 min.  
 Purpose: TRANSECT Water Vis: 30'  
 Pilot: C. James Sea State: 0  
 Observer: D. Schroeder Recorder: Slater  
 Remarks: 207M

Dive No: 4232 Date: 10/14 Time down: 1011 Max Depth: 440'  
 Location: Platform Hidalgo Time up: 1150  
 Client: NBS/UCSB Duration: 99 min.  
 Purpose: Transect Water Vis: 30-40'  
 Pilot: D. Slater Sea State: 0  
 Observer: Mary Nishimoto Recorder: JL  
 Remarks: 134m

Dive No: 4233 Date: 10-14 Time down: 1216 Max Depth: 364'  
 Location: Point Conception Time up: 1330  
 Client: NBS/UCSB Duration: 74 min  
 Purpose: Transect Water Vis: 25'  
 Pilot: C. James Sea State: 0  
 Observer: M. Love Recorder: JL  
 Remarks: ~~107m~~ 107m Tran 111

Dive No: 4234 Date: 10-14 Time down: 1358 Max Depth: 423'  
 Location: Point Conception Time up: 1515  
 Client: NBS/UCSB Duration: 77 min  
 Purpose: Transect Water Vis: 20-25'  
 Pilot: D. Slater Sea State: 0  
 Observer: Mary Nishimoto Recorder: JL  
 Remarks: 129m

## DELTA LOG

Dive No: 4235 Date: 10-14 Time down: 1607 Max Depth: 364'  
 Location: Point Conception Time up: 1700  
 Client: NBS/UCSB Duration: 53 MIN  
 Purpose: Transect Water Vis: 20'  
 Pilot: C. James Sea State: 0  
 Observer: D. Schroeder Recorder: JL  
 Remarks: ~~11m~~

Dive No: 4236 Date: 10/15 DIVE DAY # 67 Time down: 0753 Max Depth: 432'  
 Location: CORTEZ BANK Time up: 0834  
 Client: NBS/UCSB Duration: 41 min.  
 Purpose: TRANSECT Water Vis: 30'-70'  
 Pilot: D. Slater Sea State: 0  
 Observer: M. Love Recorder: JL  
 Remarks: 132 m

Dive No: 4237 Date: 10/15 Time down: 9:11 Max Depth: 302'  
 Location: CORTEZ BANK Time up: 1016  
 Client: NBS/UCSB Duration: 65 min.  
 Purpose: TRANSECT Water Vis: 30-70'  
 Pilot: C. James Sea State: 0  
 Observer: D. Schroeder Recorder: Slater  
 Remarks: 92m

Dive No: 4238 Date: 10-15 Time down: 1135 Max Depth: 246'  
 Location: Cortez Bank Time up: 1255  
 Client: NBS/UCSB Duration: 80 min  
 Purpose: Transect Water Vis: ~~100~~ 70-150'  
 Pilot: D. Slater Sea State: 0  
 Observer: Mary Nishimoto Recorder: JL  
 Remarks: ~~110~~ 75m



## DELTA LOG

Dive No: 4239 Date: 10/15 Time down: 1404 Max Depth: 570'  
 Location: ~~Cortez Bank~~ Time up: 1442  
 Client: NBS/UCSB Duration: 38 MIN.  
 Purpose: TRANSECT Water Vis: ~~140~~ 70'  
 Pilot: C. James Sea State: 0  
 Observer: M. Love Recorder: Slater  
 Remarks: 140

Dive No: 4240 Date: 10-15 Time down: 1551 Max Depth: 341'  
 Location: Cortez Bank Time up: 1622  
 Client: NBS/UCSB Duration: 31 min.  
 Purpose: Transect Water Vis: 70'  
 Pilot: D. Slater Sea State: 0  
 Observer: D. Schroeder Recorder: JL  
 Remarks: 104m

Dive No: 4241 Date: 10-15 Time down: 1651 Max Depth: 318'  
 Location: Cortez Bank Time up: 1756  
 Client: NBS/UCSB Duration: 4 MIN.  
 Purpose: Transect Water Vis: 70'  
 Pilot: C. James Sea State: 0  
 Observer: M. Nishimoto Recorder: JL  
 Remarks: 98m ino fusion.

DIVE DAY # 68.  
 Dive No: 4242 Date: 10/16. Time down: 0742 Max Depth: 164'  
 Location: 131 Fathom (Cortez Bank) Time up: 0748  
 Client: NBS/UCSB Duration: 6 min  
 Purpose: Transect Water Vis:  
 Pilot: D. Slater Sea State: 0  
 Observer: M. Love Recorder: JL  
 Remarks: Missing battery in Scientist ~~Camera~~ 50m

# DIVE DAY 68

## DELTA LOG

Dive No: 4243 Date: 10-16 Time down: 0757 Max Depth: 1000'  
 Location: 131 Fathom Bank Time up: 0902  
 Client: NBS/UCSB Duration: 65 MIN  
 Purpose: Transect Water Vis: 50'  
 Pilot: D. Slater Sea State: Ø  
 Observer: M. Love Recorder: JL  
 Remarks: 305m ~~300m~~

Dive No: 4244 Date: 10/16 Time down: 12:55 Max Depth: 695'  
 Location: 109 BANK. Time up: 14:03  
 Client: NBS/UCSB Duration: 68 MIN.  
 Purpose: TRANSECT Water Vis: 60'  
 Pilot: C. Ijames Sea State: Ø  
 Observer: D. Schroeder Recorder: Slater  
 Remarks: 193

Dive No: 4245 Date: 10-16 Time down: 1547 Max Depth: 433'  
 Location: 68 Fathom Spot Time up: 1742  
 Client: NBS/UCSB Duration: 115  
 Purpose: Transect Water Vis: 70'-80  
 Pilot: D. Slater Sea State: Ø  
 Observer: Mary Nishimoto Recorder: JL  
 Remarks: 130° 132m

# DIVE DAY # 69

Dive No: 4246 Date: 10/17 Time down: 8:24 Max Depth: 229'  
 Location: SANTA MONICA Bay Time up: 9:09  
 Client: NBS/UCSB Duration: 45 min  
 Purpose: TRANSECT Water Vis: 15'  
 Pilot: C. Ijames Sea State: Ø  
 Observer: M. Love Recorder: Slater  
 Remarks: 70M

## DELTA LOG

Dive No: 4247 Date: 10-17 Time down: 0952 Max Depth: 259'  
 Location: Santa Monica Bay Time up: 1039  
 Client: NBS/UCSB Duration: 47 Min  
 Purpose: Transect Water Vis: 15'  
 Pilot: D. Slater Sea State: 0  
 Observer: D. Schroeder Recorder: JL  
 Remarks: 79m

Dive No: 4248 Date: 10-17 Time down: ~~1154~~ 1154 Max Depth: 256'  
 Location: Santa Monica Bay Time up: 1302  
 Client: NBS/UCSB Duration: 68 min.  
 Purpose: Transect Water Vis: 30'  
 Pilot: C. James Sea State: 0  
 Observer: M. Nishimoto Recorder: JL  
 Remarks: 78m

Dive No: 4249 Date: 10-17 Time down: 1554 Max Depth: 292'  
 Location: Sycamore Canyon Time up: 16:15  
 Client: NBS/UCSB Duration: 21 min.  
 Purpose: Transect Water Vis: 60-70'  
 Pilot: D. Slater Sea State: 2  
 Observer: M. Love Recorder: JL  
 Remarks:

DIVE DAY #7 89m  
 Dive No: 4250 Date: 10/19 Time down: 7:02 Max Depth: 204'  
 Location: ST BARBARA IS Time up: 8:31  
 Client: NPS Duration: 89 min  
 Purpose: ABALONES Water Vis: 40'  
 Pilot: C. James Sea State: 0  
 Observer: Gary Davis Recorder: Slater  
 Remarks: 02 47m.

DELTA LOG

Dive No: 4251 Date: 10-19 Time down: 0954 Max Depth: 144'  
 Location: Santa Barbara Island Time up: 1117  
 Client: NPS Duration: 83 MIN  
 Purpose: Abalone Water Vis: 40'  
 Pilot: D. Slater Sea State: 0  
 Observer: Pete Haker Recorder: JL  
 Remarks: 44 m.

Dive No: 4252 Date: 10/19 Time down: 12:07 Max Depth: 146'  
 Location: SANTA BARBARA IS. Time up: 13:40.  
 Client: NPS Duration: 93 min  
 Purpose: ABALONE Water Vis: 60'  
 Pilot: C. James Sea State: 0  
 Observer: Ian. Taniguchi Recorder: Slater  
 Remarks: 32m 47m

Dive No: 4253 Date: 10-19 Time down: 1411 Max Depth: 196'  
 Location: Santa Barbara Is. Time up: 1542  
 Client: NPS Duration: 91 min  
 Purpose: Abalone Water Vis: 40'  
 Pilot: D. Slater Sea State: 0  
 Observer: Dan Richards Recorder: JL  
 Remarks: 60 m

Dive No: 4254 Date: 10-19 Time down: 16:14 Max Depth: 699'  
 Location: Santa Barbara Is. Time up: 17:36  
 Client: NPS Duration: 82 min  
 Purpose: Abalone Water Vis: 30'  
 Pilot: C. James Sea State: 0  
 Observer: John Brooks Recorder: JL  
 Remarks: 213 m

## DIVE DAY 71

## DELTA LOG

Dive No: 4255 Date: 10-20 Time down: 0706 Max Depth: 239'  
 Location: Santa Barbara Is Time up: 0847  
 Client: NPS Duration: 101 min  
 Purpose: Abalone Water Vis: 30'  
 Pilot: D. Slater Sea State: 0  
 Observer: Dr. Kushner Recorder: JL  
 Remarks: 38m

Dive No: 4256 Date: 10-20 Time down: 0910 Max Depth: 164'  
 Location: Santa Barbara Is Time up: 1015  
 Client: NPS Duration: 65 min  
 Purpose: Abalone Water Vis: 30-50'  
 Pilot: C. I James Sea State: 0  
 Observer: Gacy Davis Recorder: JL  
 Remarks: 46m

Dive No: 4257 Date: 10-20 Time down: 1052 Max Depth: 170'  
 Location: Santa Barbara Is Time up: 1235  
 Client: NPS Duration: 103 min  
 Purpose: Abalone Water Vis: ~~30~~ 120'  
 Pilot: D. Slater Sea State: 0  
 Observer: Pete Haaker Recorder: JL  
 Remarks: 52m

Dive No: 4258 Date: 10-20 Time down: 1316 Max Depth: 193'  
 Location: Santa Barbara Is Time up: 1406  
 Client: NPS Duration: 50  
 Purpose: Abalone Water Vis: 50'  
 Pilot: C. I James Sea State: 1  
 Observer: Ian Taniguchi Recorder: JL  
 Remarks: 59m

## DELTA LOG

Dive No: 4259 Date: 10-20 Time down: 1626 Max Depth: 393'  
 Location: 17 fathom Time up: 1726  
 Client: NPS Duration: 60 min  
 Purpose: Abalone Water Vis: 30-40'  
 Pilot: D. Slater Sea State: 1  
 Observer: Dan Richards Recorder: JL  
 Remarks: \_\_\_\_\_

~~108~~ ~~110~~ ~~120~~  
 DIVE DAY # 72  
 Dive No: 4260 Date: 10/21 Time down: 6:58 Max Depth: 636'  
 Location: SANTA CRUZ Time up: 7:57  
 Client: NPS Duration: 59 min  
 Purpose: TRANSECT Water Vis: 30'  
 Pilot: C. IJAMES Sea State: 1  
 Observer: BILL RAULKNEBK Recorder: Slater  
 Remarks: \_\_\_\_\_

192m 194  
 Dive No: 4261 Date: 10-21 Time down: 0813 Max Depth: 840'  
 Location: Santa Cruz Is Time up: 0858  
 Client: NPS Duration: 45 min  
 Purpose: Transect Water Vis: 30-40'  
 Pilot: D. Slater Sea State: 1  
 Observer: Carol Spears Recorder: JL  
 Remarks: 850 ft 840 INTERNET CONNECTION

Dive No: 4262 Date: 10-21 Time down: 0931 Max Depth: 980'  
 Location: Santa Cruz Time up: 11:13  
 Client: NPS Duration: 102 min  
 Purpose: Transect Water Vis: 30'  
 Pilot: C. Ijames Sea State: 1  
 Observer: Lauren Avardsky Recorder: JL  
 Remarks: \_\_\_\_\_