



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
SOUTHWEST FISHERIES SCIENCE CENTER
8604 LA JOLLA SHORES DRIVE
LA JOLLA, CA 92037

October 3, 2002

F/SWC1:DAG

CRUISE ANNOUNCEMENT

VESSEL: R/V *New Horizon* (SIO) Cruise 0211-NH.

CRUISE DATES: November 10 - 27, 2002.

PROJECT: Fisheries Resources Division, CalCOFI Survey

ITINERARY: Depart San Diego on November 10, 2002 and proceed to the first CalCOFI station and occupy all stations within the pattern (see attached cruise track) from San Diego to Avila Beach. The *New Horizon* will return to San Diego on November 27, 2002.

OBJECTIVES: To monitor environmental conditions within the CalCOFI survey area and to continue an ongoing assessment of pelagic fish stocks between Avila Beach and La Jolla, California.

PROCEDURES: Standard CalCOFI techniques.

EQUIPMENT: Standard CalCOFI biological and oceanographic collecting gear.

PERSONNEL: Amy Hays NMFS
Ron Dotson NMFS

NMFS personnel authorized per diem at the rate of \$2.00 per day to be paid via the Imprest Fund at the termination of the cruise.

WATCH HOURS: 0000-1159 OVERTIME: 112 hours Charge to account 8L4S0D05
1200-2359 NIGHT DIFF.: 108 hours

Date: _____

Prepared by: _____
D.A. Griffith

Approved by: _____
Michael F. Tillman Ph.D.
Science & Research Director
Southwest Region



