

SAMPLING AT SEA

SCCWRP personnel have ready access to the waters off California by means of a variety of small ships and boats which are made available by our sponsors, contributed in cooperative projects, or chartered. Arrangements by Harold H. Stubbs, marine coordinator, made it possible for members of our scientific staff to be at sea 243 days in the 2-year period ending June 30, 1984. Since usually this involved two or more persons, we averaged one person at sea every working day. Most often the sampling or other activities were part of our own research, but occasionally we helped with monitoring programs, cooperated on mussel-buoy installations, and did specific scientific tasks at the request of our sponsors.

Table 1 shows the distribution of effort by ship days and projects. The dedication of Harold Stubbs, Mike Moore, and Pat Hershelman, who start early and work long hours in sometimes rough seas, is much appreciated by all who have worked with them.

Table 1. Ship days involving SCCWRP personnel July 1, 1982, to June 30, 1984.

	<u>Trawls</u>	<u>Grabs</u>	<u>Current Meters</u>	<u>TV and Photography</u>	<u>Misc^a</u>	<u>Totals (By Ship)</u>
Contributed						
Marine Suveyor, City of Los Angeles	23	4	3	12	2	44
Sea-S-Dee, County of Los Angeles	17	3	2	3	8	33
Enchanger IV, Orange County			24	2	4	30
Monitor II, City of San Diego	17	2		3	4	26
Chartered						
Van Tuna, Occidental College	15	1	1		1	18
Westwind, Marine Biological Consultants	3	4	7			14
Golden West, USC	6	2	2			10
Mother Goose				2		2
Con Suerte			2			2
Cyperlurus					1	1
Pacifica					2	2
Cooperative						
Dories ^b					56	56
Skiffs					3	3
Boston Whaler					2	2
Totals (by type):	81	16	41	22	83	

Total: 243 days

^a Cal Comp; caged fish; coring; hook and line.

^b Newport Dorries study.