

## SHIP OPERATING SCHEDULE 1997

## FINAL SHIP OPERATING SCHEDULE 1997

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New Horizon

LAST UPDATE: March 2, 1998

CRUISE DATES	MAP INDEX/AREA/PURPOSE	P.I./INSTITUTION/PROPOSAL NO.	PORTS	DAYS/AGENCY/STATUS/CLEARANCE
23 Jan 20 Feb	NP9/35N, 140N/ SeaSoar towing	Rudnick, D./SIO/ OCE95-29752	San Diego San Diego	29/NSF/F
24 Feb 13 Mar	NP9/So. California/ #8 Physical oceanography	Wilkes, G./NAVO/	San Diego San Diego	18/NAVO/F
02 Apr 02 Apr	NP9/So. Calif. Bight/ CalCOFI	Mitchell, G./SIO/ N00014-91-J-1186	San Diego at sea	01/ONR/F
03 Apr 19 Apr	NP9/So. Calif. Bight/ CalCOFI	Hayward, T./SIO/ UC Ship Funds	at sea at sea	17/UC/F
20 Apr 20 Apr	NP9/So. Calif. Bight/ Phytoplankton studies	Zafirion, O./WHOI/ OCE94-17214	at sea San Diego	01/NSF/F
01 May 06 Jun	NP9,NP13/off Mexico/ Denitrification,nitrogen	Montoya,J. /Harvard/ OCE95-30187	San Diego San Diego	37/NSF/F
	(intermediate port stop in Manzanillo 19-21 May)			
10 Jun 17 Jun	NP9/San Nicolas Basin/ Coring	Smith, C./UH/ OCE95-21116	San Diego San Diego	08/NSF/F
21 Jun 10 Jul	NP9/Tanner Banks/ #4 Deep Tow survey	Wilkes, G./NAVO/	San Diego San Diego	20/NAVO/F
22 Jul 24 Jul	NP9/Off San Diego/ Mid-water trawls	Light, K./MBA/	San Diego San Diego	03/MBA/F
30 Jul 07 Aug	NP9/So. California/ Deep Tow	deMoustier, C./SIO NRaD	San Diego San Diego	09/NRaD/F
18 Aug 04 Sep	NP9/So. California/ #8 Physical oceanography	Wilkes, G./NAVO	San Diego Pt. Hueneme	18/NAVO/F
05 Sep 16 Sep	NP9/Cen. California/ #10 Physical oceanography	Wilkes, G./NAVO	Pt. Hueneme San Diego	12/NAVO/F
20 Sep 03 Oct	NP9/So. Calif. Bight/ CalCOFI	Hayward, T./SIO/ UC Ship Funds	San Diego at sea	14/UC/F
04 Oct 07 Oct	NP9/So. Calif. Bight/ CalCOFI	Mitchell, G./SIO/ N00014-91-J-1186	at sea at sea	01/ONR/F 03/NASA/F

08 Oct	NP9/So. Calif. Bight/	Palenik, B./SIO/	at sea	01/NSF/F
08 Oct	CalCOFI	OCE96-33111	San Diego	
11 Oct	NP9/Off San Diego/	Franks, P./SIO/	San Diego	01/Non-Op/F
11 Oct	Student cruise	UC Ship Funds	San Diego	
	[returned after engine break-down]			
20 Oct	NP9, NP13/Off Mexico/	Montoya, J./Harvard/	San Diego	33/NSF/F
20 Nov		OCE95-30187	Manzanillo	
21	(intermediate port port stop	11/4-5		
	22, 23			
24 Nov	NP13/9-13N EPR/Vent	Childress, J./UCSB/	Manzanillo	34/NSF/F
25 Dec	animals w/	OCE96-32861	San Diego	

	Funded
NSF	143
NAVO	68
ONR	2
UC	31
NRaD	9
MBA	3
NASA	3
Total	259

	charge:	Sea:	Port:	Non-Op
1st-90	47	47	0	43
2nd-91	74	71	3	17
3rd-92	63	63	0	29
4th-92	76	71	5	14
Total-365	259	251	8	104