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R/V Roger_Revelle 2005 FINAL Schedule

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 12/17 Remove dead-head transit Honolulu-San Diego, end second Nelson
 cruise in San Diego per NSF.
 1/18- Remove August HOTS cruise
 2/3 - Change Hakodate to Yokohama for Buesseler
 2/10- Added UC Ship Finds cruise to be carried out in October.
 3/11- advanced sailing from Kao-hsiung to Yokohama to the PM of the 16
 of May.
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CRUISE DATES	MAP INDEX/AREA/ PURPOSE	P.I./INSTITUTION/ PROPOSAL NO.	PORTS	DAYS/AGENCY/ STATUS/ CLEARANCE
03 DEC	NP12/5N 140W/	<u>Nelson, D.</u> /OSU/	San Diego	29(Non-Op)/
02 JAN	Control Fe, Si	OCE0333074;Biocomp	Papeete	NSF/F
	/5N 140W/ Control Fe, Si	Nelson, D./OSU/ OCE0333074		4/NSF/F

3,4

5,6,7,8

09 JAN	SP5/SP8, AN7, SP2,	<u>Swift, J.</u> /SIO/	Papeete	48/NSF/F
19 FEB	SP5/CLIVAR	OCE0327555	Wellington	Fr.
20,21,22				Polynesia, NZ

*42 science includes 1.5 arr/dep, 6 port;
 (cross date line, lose one calendar day);*40 for CLIVAR & 2 for
 Measures/Landing trace element casts; fueling on departure day.

23,24,25

26 FEB	SP4/46 S 175W, 35S	<u>Sikes, E.</u> /Rutgers/	Wellington	32/NSF/F
25 MAR	175E/Geo/ocean coring	OCE0425053	Auckland	New Zealand
	NP4/2day add on to Sikes/multicoring	Rosenthal, Y./ Rutgers/OCE0341412		2/NSF/F

26,27,28

23 sci Sikes, 2 sci Rosenthal = 25 sci.
 approx 720nm transit=2.5 days, 1.5 loss, 5 days port;
 fuel on departure day

29 MAR	NP10//	transit/n.a./	Auckland	9/NAVY/F
15 APR	transit	N000	Kao-hsiung	
	//	transit/n.a./		9/NSF/F
	transit	OCE		

16,17

18 APR NP10/Luzon Strait/ [Pinkel, R./SIO/](#) Kaohsiung 30/NAVY/F
15 MAY Wave Propagation N00014-00-1-0207 Kaohsiung
Philippines

25 sci
Needs two Spring Tides
(either 4/8 & 4/25 or 4/25 & 5/7)

16 MAY NP7// transit/n.a./ Kao-hsiung 4/NSF/F
21 MAY transit n.a. Yokohama
// transit/na/ 3/NAVY/F
na

22
transit 1368.5
1600 departure, 0800 arrival
day added for Navy fueling

23,24,25
26 MAY NP7/Kuroshio/ [Watts, R./URI/](#) Yokohama 24/NSF/F
14 JUN mooring turnaround OCE0221008 Yokohama Japan

15
Nelson Hogg chief scientist;

16
17 JUN NP7/Kuroshio/ [Watts, R./URI/](#) Yokohama 33/NSF/F
17 JUL mooring turnaround OCE0221008 Yokohama Japan

18
Originally: two cruises;
Leg 1 - Nelson Hogg (22 days);
Leg 2 - Randy Watts (34 days);
May depart as early as the 16th of June.

19,20
21 JUL NP8/160E, 47N/ [Buesseler, K./](#) Yokohama 43/NSF/F
27 AUG VERTIGO WHOI/OCE0301139 Honolulu

28,29
CTD, MOCNESS, LARGE VOLUME PUMPING
24 day sci.;
1.5 days arr/dep;
13 days transit;
4 hours lost time zone;
4 port days
42.6 days (43 days total)

cross date line gain calendar day
Note: USCG inspection scheduled 29-31 August in Honolulu.

30,31,1
02 SEP NP9/5N-5S, 140W/ [Nelson, D./OSU/](#) Honolulu 33/NSF/F
01 OCT Control Fe, Si & OCE0322074;Biocomp San Diego
Original requests Hono-Hono(5 port (4 loading/unloading, 1 to fuel at Navy facilities)
1.5 arr/dep
transits Hon/Hon to 5N= 9.5 days
15 days sci.; total 33))
NOTE: Two port days that were to be used for offloading in Honolulu have been

left in the total number of op days to make up for change in end port San Diego.

05 OCT	NP9/Off Baja	Eakins, B. /SIO/	San Diego	6/STATE/F
10 OCT	California/multibeam	UC Ship Funds	San Diego	Mexico
	dredging, gravity cores, multibeam			

12 OCT	NP9//	maintenance/na/	San Diego	81(Non-Op)//
31 DEC	Shipyard	na	San Diego	

Agency	Funded	Proposed	TOTAL
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NAVY	42.0	0.0	42.0
NSF	232.0	0.0	232.0
STATE	6.0	0.0	6.0
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TOTAL	280.0	0.0	280.0