

Appendix IV

Statistics of Ship Usage

Charge/Operating Days (1995-1996-1997-1998-1999)

	1995 Total	1996 Total	1997 Total	1998 Total	1999 Proj't
A-II / Atlantic	319	83	185	273	339
Ewing	310	315	273	245	323
Knarr	350	279	284	265	0
Melville	297	297	308	216	252
Revelle		80	288	316	277
Thompson	333	246	214	277	272
Edwin Link	175	188	214	141	79
Endeavor	228	147	201	158	234
Gyre	122	219	184	121	111
Moana Wave	195	144	202	169	170
New Horizon	240	174	259	241	191
Oceanus	187	168	209	236	195
Seward Johnson	271	304	284	265	213
Wecoma	145	198	199	226	174
Alpha Helix	144	73	118	172	135
Cape Hatteras	175	0	221	205	151
Cape Henlopen	198	185	206	195	186
Longhorn	72	130	46	63	49
Pelican	182	201	206	231	231
Pt. Sur	164	118	188	199	184
Sea Diver	180	132	105	133	48
Sproul	145	155	182	157	137
Weatherbird	154	167	151	132	136
Days	4588	4011	4733	4646	4087
Barnea	77	86	126	119	110
Bluefin	75	96	82	95	136
Calanus	48	50	111	174	138
Laurentian	91	72	44	148	215
Urraca	0	0	0	173	109
Grand Total Days	4877	4915	5096	5355	4795

* Overhaul or partial service

Note: Based on data available on 11 Sept. '98

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LARGE SHIP CHARGE DAYS

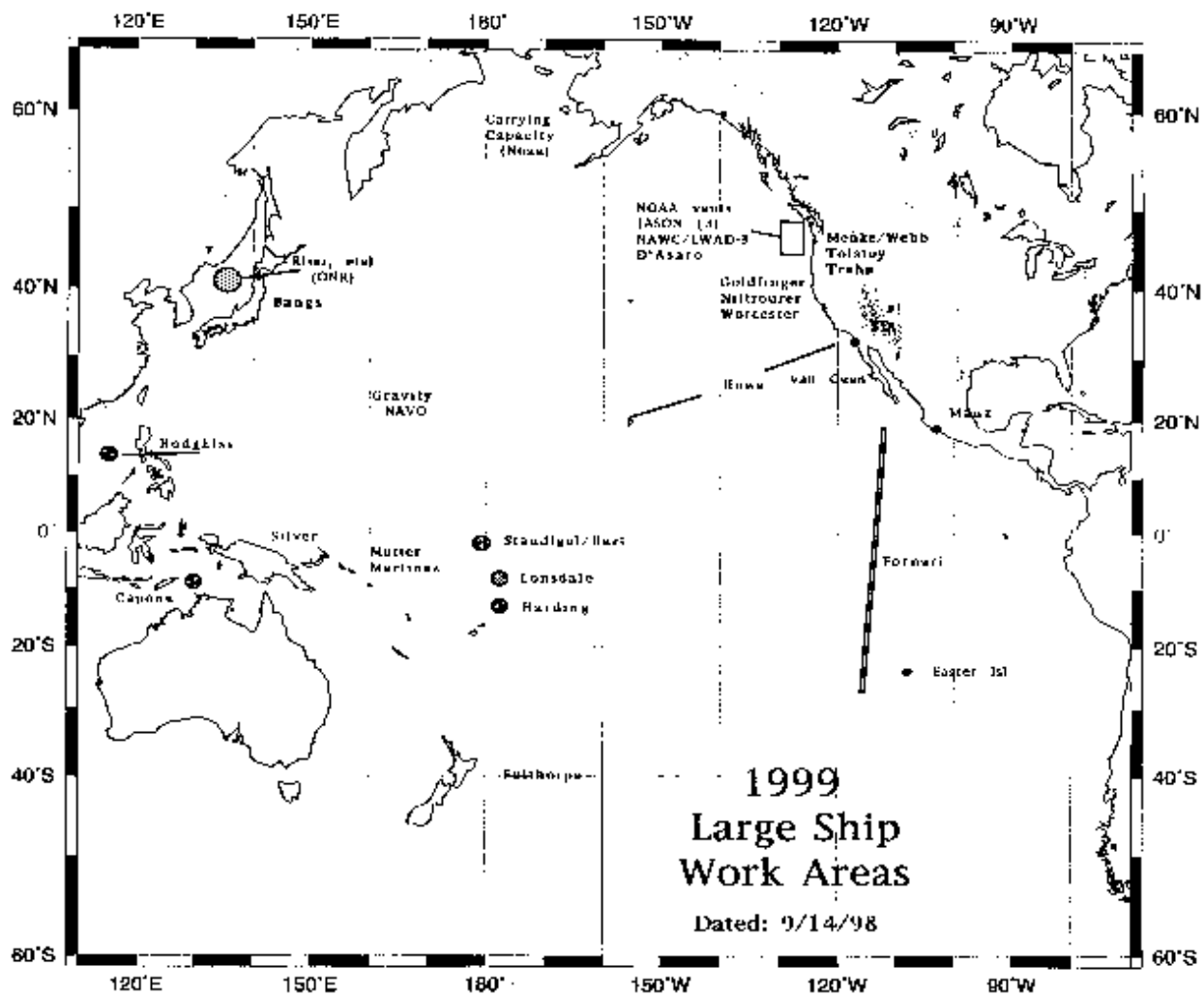
(by Agency & Year)

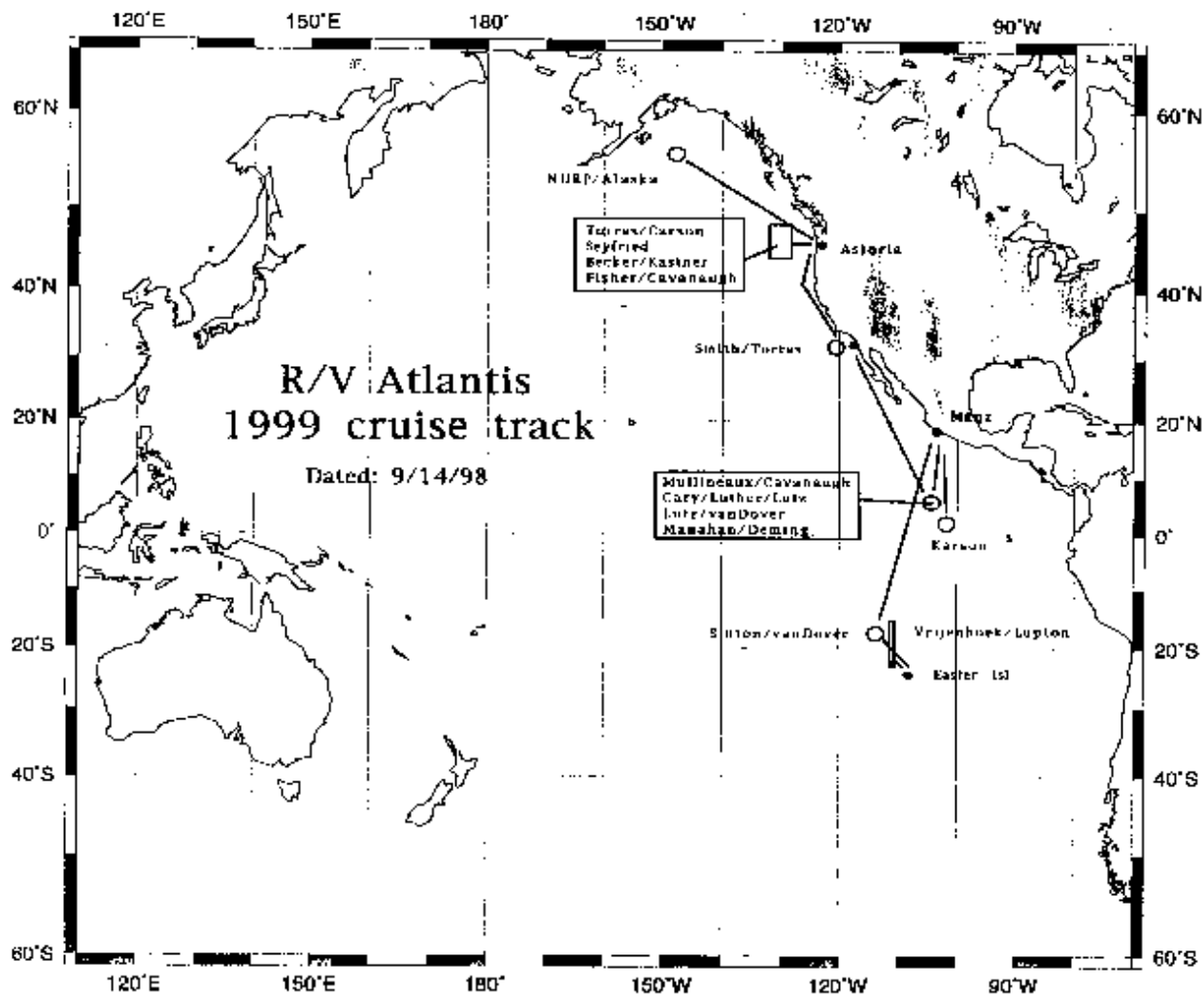
	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>
NSF Days	1371	1124	1018	920	814
%	85.2	85.8	65.6	57.8	55.4
ONR Days	84	20	88	53	166
%	5.2	1.5	5.7	3.3	11.3
NOAA Days	20	25	89	49	182
%	1.2	1.9	5.7	3.1	12.4
NAVO Days	0	0	184	212	252
%	0	0	11.8	13.3	17.2
OTHER Days	134	141	173	358	49
%	8.3	10.8	11.2	22.5	3.5
TOTAL Days	1609	1310	1552	1592	1463

UNOLS FLEET CHARGE DAYS

(by Agency & Year)

	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>
NSF Days	3249	2738	2909	2670	2409
%	66.6	63.5	57.1	49.9	50.2
ONR Days	403	454	499	430	652
%	8.3	10.5	9.8	8.0	13.6
NOAA Days	354	145	378	612	446
%	7.3	3.4	7.4	11.6	9.3
NAVO Days	0	0	373	468	474
%	0	0	7.3	8.7	9.9
OTHER Days	872	978	937	1166	814
%	17.9	22.6	18.4	21.8	17.0
TOTAL Days	4877	4315	5096	5355	4795





1999 and BEYOND
FUNDED Alvin & ROV DIVE PROGRAMS
 (Sorted by Dive Site)

<u>Year</u>	<u>Program</u>	<u>Agency</u>	<u>Vehicle(s)</u>	<u>Days on Site</u>	
<u>Southern EPR</u>					
1999	Lupton,etal (F)	NURP	Alvin	1 0	(begin 1998)
1999	Vrijenhoek (F)	NSF	Alvin	1 4	(begin 1998)
1999	Sinton (F)	NSF	Alvin & DSL-120	2 5	
1999	vanDover (F)	NSF	Alvin	3	
<u>g North EPR</u>					
1999	Luther (F)	NSF	Alvin	8	(LEXEN)
1999	Cary (F)	NSF	Alvin	4	*
1999	Lutz (F)	NSF	Alvin	2 0	*
1999	Manahan (F)	NSF	Alvin	8	*
1999	Mullineaux (F)	NSF	Alvin	1 0	*
1999	vanDover (F)	NSF	Alvin	3	
1999	Cavanaugh (F)	NURP	Alvin	3	
2000	Lutz (F)	NSF	Alvin & Jason	2 3	*
2000	Manahan (F)	NSF	Alvin	8	*
2000	Luther (F)	NSF	Alvin	8	* (LEXEN)
<u>California Coast</u>					
1999	Smith/Torres (F)	NURP	Alvin	1 5	*
1999	Engr Dives	3 agency	Alvin & Jason	3	
<u>Juan de Fuca</u>					
1999	Becker (F)	NSF	Alvin	7	*
1999	Carson,B (F)	NSF	Alvin	4	*
1999	Cavanaugh (F)	NURP	Alvin	3	
1999	Deming (F)	NSF	Alvin	5	
1999	Fisher (F)	NSF	Alvin	1 0	*
1999	Kastner (F)	NSF	Alvin	5	*
1999	Seyfried (F)	NSF	Alvin	4	
1999	Torres,M (F)	NSF	Alvin	1 2	
1999	Chadwick (F)	NSF	Jason	8	*
1999	Cowan (F)	NSF	Jason	1 0	* (LEXEN)
1999	Embley (F)	NURP	Jason	2 0	
2000	Carson,B (F)	NSF	Alvin	3	*
2000	Kastner (F)	NSF	Alvin	5	
<u>Other Regions</u>					
1999	Fornari (F)	NSF	DSL-120	2 8	(20N-25S EPR)
1999	Fornari/vDover (F)	NSF	DSL-120 & Jason	2 0	(Indian Ocean)
1999	Karson (F)	NSF	Alvin & ARGO+120	2 4	(Hess Deep)
1999	NURP/Alaska (F)	NURP	Alvin	2 1	(S of Alaska)
2000	Blackman (F)	NSF	Alvin,Jason,DSL-120	2 5	(MAR,30N)
2000	Garcia (F)	NSF	Alvin	1 2	(Hawaii)
2000	MacDonald (F)	MMS	Alvin or Jason	1 0	(S of Mexico)

* indicates 2nd or 3rd year of Time Series

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