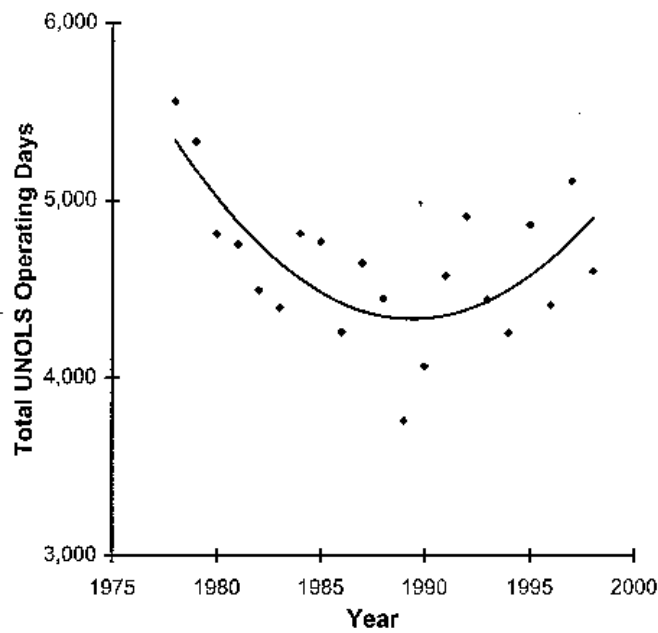


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Appendix III. Ship Funding Statistics 1987 and 1996

	1987	1996	96/87
Ocean Science Research Support	\$57.8M	104.9	1.81
Ship Operations	28.0	31.1	1.11
Operating Days	~4500	~4500	1.0



BY CLASS

SHIP	1995	1996	1997	1998
Atlantis	319	93	185	272
Ewing	310	315	273	91
Knorr	350	279	293	257
Melville	297	297	308	179
Revelle		80	287	280
Thompson	333	246	260	290
CLASS I/II	1609	1310	1606	1369
AVERAGE	322	218	268	228
Edwin Link	175	186	212	238

Endeavor	228	147	201	0
Gyre	122	219	148	18
Moana Wave	195	144	203	185
New Horizon	240	174	262	180
Oceanus	187	168	201	199
Seward Johnson	271	304	290	233
Wecoma	145	198	200	217
CLASS III	1563	1540	1717	1270
AVERAGE	195	193	215	159
Alpha Helix	144	73	120	180
Cape Hatteras	175		230	242
Cape Henlopen	198	185	206	188
Longhorn	72	130	53	40
Pelican	182	201	211	192
Point Sur	164	118	197	195
Sproul	180	132	88	75
Sea Diver	145	155	185	168
Weatherbird II	154	167	150	154
CLASS IV	1414	1161	1440	1434
AVERAGE	157	145	160	159
Barnes	77	86	133	100
Blue Fin	75	96	105	146
Calanus	48	50	115	140
Laurentian	91	72	44	146
Urraca				173
<CLASS IV	291	304	397	705
AVERAGE	58	61	79	141
FLEET TOTAL	4877	4315	5160	4778
FLEET TOTAL (less <class IV)	4586	4011	4763	4073

Summary of Ship Use and Costs
1998
(as of 9/12/97)

SHIP	NSF		NAVY		OTHER		TOTAL		DAILY RATE
	DAYS	\$	DAYS	\$	DAYS	\$	DAYS	\$	
Revelle	127	2,121	135	2,255	18	301	280	4,677	16,704
Melville	172	3,044	0	0	7	124	179	3,166	17,698
Knorr	185	3,034	53	869	19	312	257	4,215	16,400
Atlantis	223	3,524	11	174	38	600	272	4,296	15,801
Ewing	73	1,278	48	840	18	315	139	2,432	17,496

Thompson	112	1,773	76	1,204	34	4538	290	4,591	15,831
Moana wave	104	1,452	16	224	65	907	185	2,583	13,962
Class I/II	996	16,226	339	5,565	199	7,150	1602	25,964	
Avg	142	2,318	48	795	28	1,021	229	3,709	
Edwin Link	29	261	0	0	209	1,881	238	2,142	9,000
Endeavor	0		0		0		0	0	0
Oceanus	152	1,611	40	424	7	74	199	2,109	10,600
Gyre							0	0	0
New Horizon	77	754	97	950	37	362	211	2,066	9,791
Seward Johnson	173	1,678	34	330	26	252	233	2,260	9,700
Wecoma	71	703	58	574	86	851	215	2,128	9,898
Class III	502	5,007	229	2,278	365	3,420	1,096	10,705	
Avg	63	626	29	285	46	428	137	1,338	
Pelican	62	233	25	94	105	394	192	721	3,755
Longhorn	54	216	0	0	30	120	84	336	4,000
Point Sur	121	762	28	176	46	290	195	1,228	6,297
Cape Hatteras	104	724	81	564	57	397	242	1,685	6,963
Alpha Helix	132	1,417	0	0	12	129	144	1,546	10,736
Sproul	81	482	44	262	20	119	145	863	5,952
Cape Henlopen	104	593	68	388	16	91	188	1,072	5,702
Weatherbird	139	1,043	0	0	0	0	139	1,043	7,504
Sea Diver	18	86	22	105	45	214	85	405	4,761
Class IV	815	5,556	268	1,589	331	1,754	1,414	8,899	
Avg	91	617	30	177	37	195	157	989	
Blue Fin							0	0	1,816
Laurentian	140	630	0	0	6	27	146	657	4,500
Barnes	65	99	17	26	18	27	100	152	1,520
Calanus	80	248	0	0	60	186	140	434	0
Urraca							0	0	0
< Class IV	285	977	17	26	84	240	386	1,243	
Avg	57	195	3	5	17	48	77	249	
Fleet Totals	2,598	27,766	853	9,458	2,560	12,564	4,498	46,811	
Avg	90	957	29	326	88	433	155	1,614	

Appendix IV. The Glostén Associates Study

Available from UNOLS OFFICE

Appendix V. Class III & IV Ship Use: 1993-1998