UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

An association of institutions
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of university oceanographic facilities

UNOLS Office, WB-15
School of Oceanography
University of Washington
Seattle, Washington 98195

June 8, 1983

To: East Coast Ship Scheduling Group
West Coast Ship Scheduling Group
UNOLS Members
UNOLS Associate Members
Federal Agency Representatives

From: William D. Barbee
Executive Secretary, UNOLS

Subject: Report of the Joint Meeting of the East and West Coast Ship Scheduling Groups, May 25, 1983.

This distributes the Report of the separate and joint meetings of the East and West Coast Ship Scheduling Groups held May 25, 1983. The results of this meeting maintain the projections of February, 1983 for heavy ship use in 1983 and 1984.

This Report will be appended to the Minutes of the May 26, 27, 1983 UNOLS Semi Annual Meeting.

cc: Advisory Council (old and new members)

EAST COAST SHIP SCHEDULING GROUP
WEST COAST SHIP SCHEDULING GROUP
REPORT OF JOINT MEETING
May 25, 1983

The East and West Coast Ship Scheduling Groups met separately and jointly at the National Science Foundation, Washington, D.C. on May 25, 1983. Attendees are shown on Attachment 1.

The meeting was called to order in joint session by East Coast Chairman, Robertson P. Dinsmore at 9:00 a.m. Objectives of the meeting were set: to produce estimates of 1983 operating costs and to project 1984 operating costs and ship schedules (Attachment 2). The meeting was then split into East Coast and West Coast sessions to work on regional sets of funding and schedule projections under Chairmen Dinsmore and John Martin (West).

1983 Schedules and Funding: Institutions reviewed their 1983 schedules and estimated operating costs. Except as noted below, schedules and funding projections have not changed substantially since February, 1983. (A new summary is not provided.)

Changes in 1983 projections include:

Funded projects for the ALPHA HELIX have fallen significantly short of expectations. The result is an extremely light year for the ALPHA HELIX.

A considerable portion of the potential use for the VELERO IV could be met more effectively with a more able vessel.

Other funding has materialized or is in negotiation, resulting in more efficient schedules for a number of vessels (eg., CAYUSE, CAPE HENLOPEN, KANA KEOKI).

The THOMPSON will have completed her midlife refit by the end of May, on schedule and under budget.

The WASHINGTON enters midlife refit.

The ATLANTIS II will complete modification and be operational about 1 October, (in support of ALVIN).

The University of Texas provided cost and schedule information for the FRED J. MOORE.

1984 Funding and Schedule Projections: Projected ship use for 1984 is approximately 20% above that for 1983. Further, schedules appear to be better defined (i.e., larger percentage supported by funded science projects) than at this time in some previous years.

Factors increasing the projected use are: generally heavy schedules for all ships, full seasons for the ATLANTIS II, THOMPSON and WASHINGTON, and inclusion of the MOORE in the summaries.

Ship use and funding by other Federal agencies (e.g. USGS, NOAA, DOE) and by states, universities and others have increased modestly. At their present stage projections show level ONR use and funding.

In comparing ship time requests and schedules for individual institutions, a number (less than a dozen) unfilled requests were noted. At the same time, new information on projected funding eliminated a few tentative projects from consideration. Some schedules were adjusted (e.g. THOMPSON) to accommodate these changes. There remain a small number of projects not yet accommodated either because they are logistically isolated or a suitable vessel has not been found. These projects will be considered as funding and schedules are refined.

Provisional time line schedules for UNOLS ships are shown in Attachment 3.

Estimates of 1984 operating costs are shown in Attachment 4.

At 1:30 p.m. the two Scheduling Groups met jointly to develop combining cost and schedule projections. A summary of 1984 cost projections follows:

May 25, 1983

1984		$M			
		NSF	ONR	OTHER	TOTAL
	West	12.535	1.847	2.506	16.888
	East	16.142	2.097	4.344	22.583
	TOTAL	28.677	3.944	6.580	39.471

Similar projections made in February, 1983:

West	13.926	1.934	1.992	17.852
East	14.184	2.560	4.224	20.968
TOTAL	28.110	4.494	6.216	38.820

Note that in these projections NSF costs include Division of Polar Programs and Scientific Ocean Drilling projects. (See Attachment 4 for details.)

Federal Agency funding for 1984: Mr. Ron La Count, NSF, provided the following information on NSF funding:

	$M			
Budget Category	Year 1981	1982	1983	1984 (est)
5410 (Ship Operations)	20.21	20.46	22.18	23.4
5420 (Constr., Conversion)	1.97	1.25	1.09	1.3
5430 (Instr., Equip.)	2.01	4.07	3.98	4.2
5440 (ALVIN, techs, etc.)	2.58	3.12	3.75	4.5
	26.77	28.89	31.0	33.4

Mr. Keith Kaulum noted that ONR funding for ship operations in 1984 would not change drastically from that in 1983, although special focus programs might result in changes in kinds and areas of investigation.

Uniform Costs and Proposals: A short discussion was held concerning uniform cost projections and proposals. It was suggested that the need for uniform methods be addressed through the Research Vessel Operator's Council or by special workshops.

The meeting was adjourned at 3:30 p.m.

Attachment 1

East and West Coast Ship Scheduling Group
May 25, 1983
Attendees

Thomas C. Aldrich, U.S. Geological Survey
William Barbee, UNOLS Office
J. F. Bash, University of Rhode Island
Douglas Caldwell, Oregon State University
Frisbee Campbell, University of Hawaii
Larry Clark, National Science Foundation
Bruce K. Cornwall, Johns Hopkins University, CBI
Thomas A. Davies, University of Texas at Austin
E. R. (Dolly) Dieter, University of Alaska
J. D. Donnelly, Woods Hole Oceanographic Institution
Peter W. Hackor, National Science Foundation
Lawrence W. Harding, Jr., Johns Hopkins University, CBI
Donald F. Heinrich, National Science Foundation
Tom Johnson, Duke/University of North Carolina
Keith Kaulum, Office of Naval Research
Henry Kennedy, Lamont-Doherty Geological Observatory
Ronald La Count, National Science Foundation
Brian Lewis, University of Washington
Bruce Malfait, National Science Foundation
John Martin, Moss Landing Marine Laboratories
John G. McMillan, National Science Foundation
Isabel Miles, Johns Hopkins University, CBI
William H. Mitchell, University of Texas at Austin
John Morrison, National Science Foundation
Wadsworth Owen, University of Delaware
Tom Royer, University of Alaska
Alexander Shor, Lamont-Doherty Geological Observatory
George Shor, Scripps Institution of Oceanography
Mitchell Stebens, UNOLS Office
T. K. Treadwell, Texas A&M University
Joe Ustach, Duke/University of North Carolina
John C. Van Leer, University of Miami

Robert Wall, National Science Foundation

Don Walsh, University of Southern California

Boyce Watkins, University of Washington

Richard West, National Science Foundation

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May 9, 1983

To: East Coast Scheduling Group
West Coast Scheduling Group

From: William D. Barbee
Executive Secretary, UNOLS

Subject: Meetings, May 25, 1983

The Summer Meetings for the East Coast and West Coast Ship Scheduling Groups together with a joint meeting of the two groups are scheduled for Wednesday, May 25, 1983. The meetings will be in Rooms 628 and 643 at the National Science Foundation, 1800 G Street NW, Washington, D.C.

May 25, 1983, 9:00 A.M., NSF

AGENDA

1. Quick review of 1983 ship schedules and related support in order to identify any problem areas or recent changes.

2. Review and discussion of projected 1984 ship schedules and operating data. Compare with ship request inventories to identify duplications, omissions or schedule problems.

3. Compare projected costs with anticipated funding.

4. Make recommendations to address any schedule problems or funding shortfalls noted.

February, 1983 Scheduling Meetings

Operations cost estimates for 1983 and projections for 1984 (as developed at the February meetings) are summarized in Attachment 1. Details of those estimates are shown in:

Attachment	Contents
2	1983 Cost Summary, East Coast Ships
3	1984 Cost Projection, East Coast Ships
4	1983 Cost Summary, West Coast Ships
5	1984 Cost Projection, West Coast Ships (revised February 23, 1983).

Materials for May 25 Meeting

In order that the meetings can progress effectively, each UNOLS institution is requested to provide to the UNOLS Office by May 20, 1983, and bring to the meetings the following updated information:

1. A simple time-line schedule for 1984 operations of each ship operated. Forms (and an example) are provided. These schedules will be provisional, but will, nevertheless, be the best available information.

2. Update of 1983 Cost and Operating estimates. Please fill out entries for your institution on the forms provided, furnish them to the UNOLS Office and bring copies to the meeting.

3. Update of 1984 Cost and Operating Projections. Again, fill out the forms provided and furnish them to the UNOLS Office and bring copies with you.

The UNOLS Office will summarize the schedule and cost information received from institutions and provide those updated summaries at the meeting.

WDB:gm
Attachments:

1984

UNOLS

PROPOSED EAST COAST SHIP SCHEDULES

MAY 1983

Attachment 3

1984

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

OPERATING AREA IS PACIFIC OCEAN -- SCHEDULE WITH ALVIN IS BEING DEVELOPED SEPARATELY

ATLANTIS II

OCEANUS NSF 187 DOE 14 ONR 34 MMS 22 USGS 8 TOT 265

KNORR NSF 176 ONR 88 SANDIA 20 USGS 12 TOT 296

ENDEAVOR NSF 174 ONR 18 DOE 41 NUSC 7 USGS 10 OPEN 13 TOT. 263

CONRAD NSF 340

CAPE HATTERAS NSF 214 RUM 24 ONR 6 DOE 6 TOT 250

GYRE NSF 205 ONR 8 OTHER 87 TOT. 300

C. ISELIN NSF 260 ONR 10 GEN OCY 20 TOT 290

CAPE FLORIDA NSF 187 DOE 20 G.O. 10 BLM 10 U/M 14 TOT 241

BLUE FIN NSF 188 ONR 0 OTHER 32

CALANUS NSF 141 NOAA 32 TOT 173

CAPE HENLOPEN NSF 66 NOAA 58 ONR 4 OTHER 17 145

R. WARFIELD NSF 160

LONGHORN

MOORE NSF 45 UT 10

300 DAYS, NSF 205, ONR, 8, USGS, NMO & OTHERS 87 - OPERATIONS GULF AND EAST COAST

NSF 188 das ONR 0 OTHER SPONSORS 32

100 OPERATING DAYS

All NSF

DRYDOCK

PORT LEVY'S EXCEPT AS INDICATED

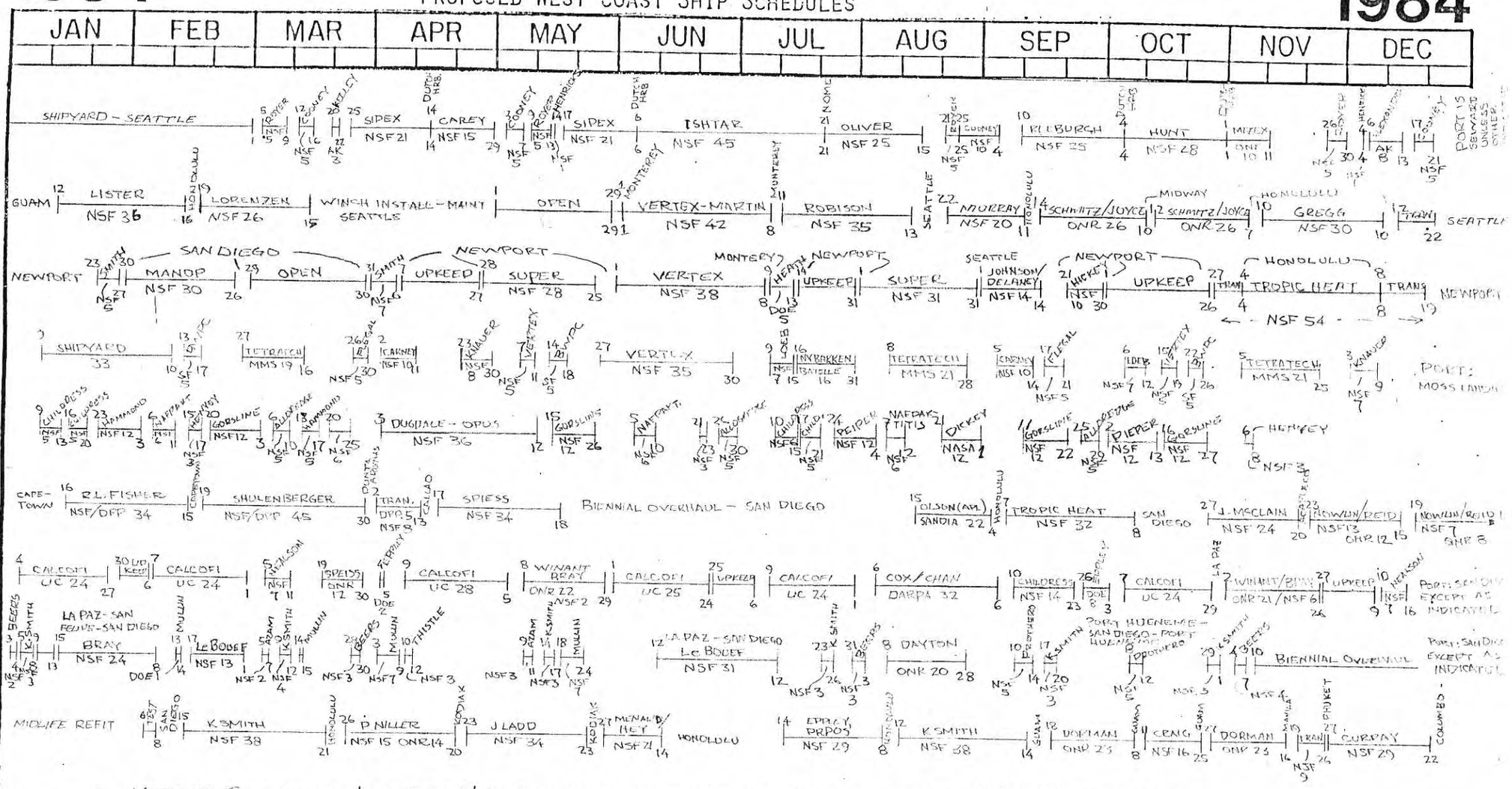
1984

UNOLS

PROPOSED WEST COAST SHIP SCHEDULES

MAY, 1983

Attachment 3 (Page Two)



ALPHA HELIX NSF 227, ONR 10, OTH. 11 — 248

T. THOMPSON NSF 201, ONR 60 — 261

WECOMA NSF 219, DOE 5, TBS* 31 — 255

CAYUSE NSF 104, OTHER 31, MMS 61, MLML 18, TOT. 214

VELERO IV NSF 194, NASA 12 — 206

* MELVILLE NSF 119, SANDIA 22, DPP 84, ONR 20, TOT. 245

NEW HORIZON DARPA 32, UC 149, NSF 36, ONR 55, DOE 10, TOT 282

E.B. SCRIPPS NSF 136, ONR 10, DOE 2 — 148

* T. WASHINGTON NSF 229, ONR 60 — 289

BARNES NSF 140, OTHER 30

MOANA WAVE

TBS* - To be scheduled. * Alternate MELVILLE, WASHINGTON SCHEDS, NEXT PAGE

1984

ALTERNATE UNOLS

PROPOSED WEST COAST SHIP SCHEDULES

MAY, 1983

Attachment 3 (Page Three)

1984

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

ALPHA HELIX

T. THOMPSON

WECOMA

CAYUSE

VELERO IV

ALTERNATE
MELVILLE NSF/DPP 84
NSF/OFS 130
ONR 20
SANDIA 22
256

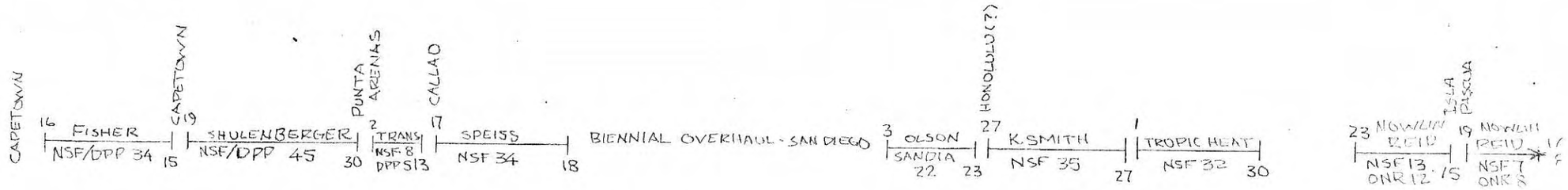
NEW HORIZON

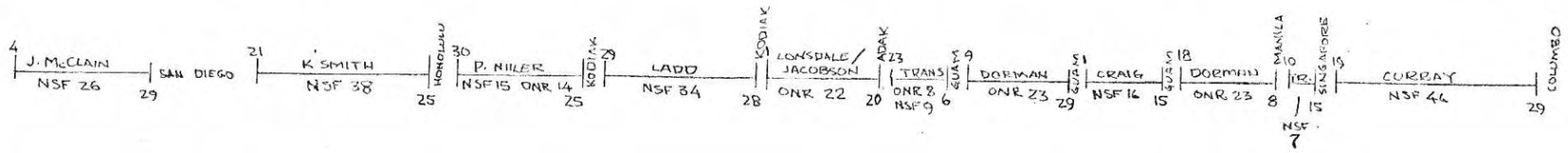
E.B. SCRIPPS

ALTERNATE
T. WASHINGTON NSF 191
ONR 90
TOT 281

BARNES

MOANA WAVE





May 25, 1983

EAST COAST SHIP FUNDING PROJECTIONS

1984 PROJECTIONS

SHIP	OP DAYS	NSF $K	ONR $K	$K	OTHER $K	$K	TOTAL $K
ATLANTIS II	300	1,600	530	NOAA 530	UNSPEC 530		3,190
KNORR	296	2,022	1,012	SANDIA 230	USGS 138		3,402
CONRAD	340	2,980	0				2,980
ENDEAVOR	275	1,389	134	DOE 306	USGS 75	52 NUSC 98 UNSPEC	2,054
OCEANUS	265	1,412	257	USGS 60	DOE 105	MMS 166	2,000
ISELIN	290	1,690	65	GenO 130			1,885
GYRE	300	1,300	50	USGS 500	TAMU 50		1,900
CAPE HATTERAS	250	1,168	33	BLM 131	DOE 33		1,365
CAPE FLORIDA	241	946	0	101 DOE 71 UofM	GenO 51	BLM 51	1,220
CAPE HENLOPEN	145	270	16	NOAA 190	UNSPEC 74	UDel 50	600
RIDGELY WARFIELD	190	650	0				650
LONGHORN	100	0	0	UNSPEC 110			110
BLUE FIN	230	150	0	DOE 26			176
CALANUS	173	205	0	NOAA 46			251
MOORE	100	360	0	INDUSTRY 360	STATE 80		800
TOTAL	3,495	16,142	2,097		*4,344		22,583

*OTHER FUNDING

NOAA	766	INDUSTRY	541	UNIV/STATE	251	
USGS	773	MMS/BLM	348	SANDIA	230	4,344
DOE	571	NUSC	52	UNSPEC	812	

May 25, 1983

WEST COAST SHIP FUNDING PROJECTIONS

1984 PROJECTIONS

SHIP	OP DAYS	NSF $K	ONR $K	OTHER $K	OTHER $K	OTHER $K	TOTAL $K
MELVILLE	245	996 DPP 1,411 OFS	237	DOE 261			2,905
WASHINGTON	289	2,399	629				3,028
NEW HORIZON	282	225	343	DOE 62	UC 930	DARPA 200	1,760
E.B. SCRIPPS	148	420	31	DOE 6			457
VELERO IV	206	778		NASA 48			826
CAYUSE	160	343	---	MLML 65	MMS 65	SanFr 49	522
WECOMA	255	1,533		DOE 35	217		1,785
THOMPSON	261	1,781	532				2,313
BARNES	220	136		20			156
ALPHA HELIX	210	1,416	75			82	1,573
KANA KEOKI	---	---	---	---	---	---	---
MOANA WAVE	265	295 JOI 802				GS&UN 466	1,563
TOTAL	2,541	12,535	1,847		*2,506		16,888

*OTHER FUNDING

DOE	364	MLML	65	
DARPA	200	City San Fran	49	
UC	930	MMS	65	2,506
NASA	48	GS&UN	466	
		Unspecified	319	

May 25, 1983

East and West Coast Ship Funding Projections for 1984

	OP DAYS	NSF	ONR	OTHER	TOTAL
ATLANTIS II	300	1,600	530	1,060	3,190
MELVILLE	245	2,407	237	261	2,905
KNORR	296	2,022	1,012	368	3,402
THOMPSON	261	1,781	532	0	2,313
WASHINGTON	289	2,399	629	0	3,028
CONRAD	340	2,980	0	0	2,980
MOANA WAVE	265	1,097	0	466	1,563
ENDEAVOR	275	1,389	134	531	2,054
OCEANUS	265	1,412	257	331	2,000
WECOMA	255	1,533	0	252	1,785
ISELIN	290	1,690	65	130	1,885
NEW HORIZON	282	225	343	1,192	1,760
GYRE	300	1,300	50	550	1,900
ALPHA HELIX	210	1,416	75	82	1,573
CAPE HATTERAS	250	1,168	33	164	1,365
CAPE FLORIDA	241	946	0	274	1,220
CAPE HENLOPEN	145	270	16	314	600
VELERO IV	206	778	0	48	826
RIDGELY WARFIELD	190	650	0	0	650
CAYUSE	160	343	0	179	522
E.B. SCRIPPS	148	420	31	6	457
LONGHORN	100	0	0	110	110
BLUE FIN	230	150	0	26	176
BARNES	200	136	0	20	156
CALANUS	173	205	0	46	251
(MOORE)	100	360	0	440	800
TOTAL	6,036	28,677	3,944	6,850	39,471