

APPENDIX XI

PRELIMINARY															
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -															PAGE 2
CRUISE DAY PROFILES															UNOLS OFFICE
															DATE: 12/26/94
INSTITUTION	PHYS. OCEAN	ACOUS- TICS	CHEM. OCEAN	BIOL. OCEAN	ENVIR. ECOL.	FISH. INVT	CLIM. METEO	GEOLO GEOPH	MAP CHRTG	OCEAN ENGIN	TRAIN- ING	TRANS. NONSCI	POLL. ASSESS	OTHER	TOTAL
University of Hawaii	189.00	.00	.00	4.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	14.00	215.00
University of Alaska	26.00	.00	.00	57.00	.00	.00	17.00	63.00	.00	.00	.00	.00	.00	.00	163.00
University of Washington	145.00	.00	11.00	27.00	.00	5.00	.00	57.00	.00	7.00	8.00	.00	.00	67.00	327.00
Oregon State University	15.00	.00	30.00	9.00	.00	.00	.00	30.00	.00	.00	.00	.00	.00	.00	84.00
Scripps Institution of Oceanography	142.00	19.00	18.00	165.00	.00	.00	6.00	282.30	.00	9.00	1.00	.00	.00	13.00	655.30
Texas A & M University	34.00	.00	46.00	.00	.00	.00	.00	46.00	.00	.00	16.00	.00	.00	7.00	149.00
University of Texas	16.00	.00	.00	3.00	.00	12.00	.00	.00	.00	.00	17.00	.00	.00	5.00	53.00
University of Miami, RSMAS	10.00	.00	20.00	111.00	.00	.00	.00	51.00	.00	.00	.00	.00	.00	2.00	194.00
University of Georgia, Skidaway	.00	.00	5.00	53.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	59.00
Duke University/University of North Carolina	90.00	.00	14.00	47.00	.00	.00	.00	16.00	.00	3.00	.00	.00	.00	2.00	172.00
University of Delaware	30.00	.00	114.00	28.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	172.00
Lamont-Doherty Geological Observatory	128.00	.00	.00	.00	.00	.00	.00	155.00	.00	.00	.00	.00	.00	.00	309.00
University of Rhode Island	74.00	12.00	18.00	26.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	130.00
Woods Hole Oceanographic Institution	122.00	.00	40.00	166.00	.00	.00	.00	168.00	.00	.00	.00	.00	.00	63.00	559.00
University of Michigan	.00	.00	.00	8.00	.00	.00	.00	36.00	6.00	.00	11.00	.00	.00	16.00	77.00
Moss Landing Marine Laboratory	43.00	.00	23.00	81.00	.00	.00	.00	.00	.00	.00	26.00	.00	.00	.00	173.00
Louisiana Universities Marine Consortium	38.00	.00	24.00	59.00	.00	1.00	.00	3.00	.00	.00	.00	.00	7.00	2.00	134.00
Harbor Branch Oceanographic Institution	117.00	37.00	64.00	127.00	13.00	11.00	.00	31.00	30.00	5.00	1.00	.00	.00	51.00	487.00
Bermuda Biological Station for Research	29.00	.00	96.00	12.00	.00	.00	.00	.00	.00	5.00	.00	.00	.00	2.00	144.00
TOTALS	1248.00	68.00	523.00	983.00	13.00	29.00	23.00	946.30	36.00	29.00	80.00	0.00	7.00	271.00	4256.30
PERCENT	29.32	1.60	12.29	23.10	0.31	0.68	0.54	22.23	0.85	0.68	1.88	0.00	0.16	6.37	100.00

PRELIMINARY

UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -

CRUISE DAY PROFILES

DATE: 12/26/94

VESSELS	PHYS.	ACOUS-	CHEM.	BIOL.	ENVIR.	FISH.	CLIM.	GEOLO	MAP	OCEAN	TRAIN-	TRANS.	POLL.	OTHER	TOTAL
	OCEAN	TICS	OCEAN	OCEAN	ECOL.	INVST	METEO	GEOPH	CHRTG	ENGIN	ING	NONSCI	ASSESS		
MELVILLE	95.00	0.00	0.00	0.00	0.00	0.00	0.00	208.00	0.00	0.00	0.00	0.00	0.00	0.00	303.00
KNORR	110.00	0.00	33.00	40.00	0.00	0.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	35.00	253.00
T.THOMPSON	145.00	0.00	0.00	0.00	0.00	0.00	0.00	47.00	0.00	7.00	0.00	0.00	0.00	58.00	257.00
EWING	128.00	.00	.00	.00	.00	.00	.00	155.00	.00	.00	.00	.00	.00	26.00	309.00
MOANA WAVE	189.00	.00	.00	4.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	14.00	215.00
ATLANTIS II	12.00	0.00	7.00	126.00	0.00	0.00	0.00	133.00	0.00	0.00	0.00	0.00	0.00	28.00	306.00
WECOMA	15.00	0.00	30.00	9.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	84.00
ENDEAVOR	74.00	12.00	18.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.00
OCEANUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00
SEWARD JOHNSON	27.00	9.00	25.00	0.00	0.00	0.00	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	88.00
GYRE	34.00	.00	46.00	.00	.00	.00	.00	46.00	.00	.00	16.00	.00	.00	7.00	149.00
NEW HORIZON	25.00	13.00	13.00	112.00	0.00	0.00	0.00	67.30	0.00	0.00	0.00	0.00	0.00	11.00	241.30
COLUMBUS ISELIN	8.00	0.00	20.00	81.00	0.00	0.00	0.00	31.00	0.00	0.00	0.00	0.00	0.00	0.00	140.00
EDWIN LINK	30.00	0.00	39.00	111.00	13.00	11.00	0.00	4.00	0.00	3.00	1.00	0.00	0.00	42.00	254.00
POINT SUR	43.00	0.00	23.00	81.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	173.00
CAPE HATTERAS	90.00	0.00	14.00	47.00	0.00	0.00	0.00	16.00	0.00	3.00	0.00	0.00	0.00	2.00	172.00
ALPHA HELIX	26.00	0.00	0.00	57.00	0.00	0.00	17.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	163.00
ROBERT G. SPROUL	22.00	6.00	5.00	53.00	0.00	0.00	6.00	7.00	0.00	9.00	1.00	0.00	0.00	2.00	111.00
CAPE HENLOPEN	30.00	0.00	114.00	28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.00
WEATHERBIRD II	29.00	.00	96.00	12.00	.00	.00	.00	.00	.00	5.00	.00	.00	.00	2.00	144.00
SEA DIVER	60.00	28.00	.00	16.00	.00	.00	.00	.00	30.00	2.00	.00	.00	.00	9.00	145.00
PELICAN	38.00	.00	24.00	59.00	.00	1.00	.00	3.00	.00	.00	.00	.00	7.00	2.00	134.00
LAURENTIAN	0.00	0.00	0.00	8.00	0.00	0.00	0.00	36.00	6.00	0.00	11.00	0.00	0.00	16.00	77.00
LONGHORN	16.00	.00	.00	3.00	.00	12.00	.00	.00	.00	.00	17.00	.00	.00	5.00	53.00
BLUE FIN	.00	.00	5.00	53.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	59.00
CLIFFORD A. BARNES	0.00	0.00	11.00	27.00	0.00	5.00		10.00	0.00	0.00	8.00	0.00	0.00	9.00	70.00
CALANUS	2.00	0.00	0.00	30.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	2.00	54.00
TOTALS	1248.00	68.00	523.00	983.00	13.00	29.00	23.00	946.30	36.00	29.00	80.00	.00	7.00	271.00	4256.30
PERCENT	29.32	1.60	12.29	23.10	.31	.68	.54	22.23	.85	.68	1.88	.00	.16	6.37	100.00

PRELIMINARY											PAGE 4
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -											UNOLS OFFICE
OPERATIONAL DAYS CHARGED BY SPONSOR											DATE: 12/26/94
	NATL	OFF.	U.S.	MIN.	NATL.	DEPT.	OTHER	STATE	PRIV/		
	SCI.	NAVAL	GEOL.	MGMT.	OCEAN.	OF	FEDER.	OR	FORGN.	TOTAL	
INSTITUTION	FNDTN	RES.	SURV.	SERV.	ATM AD.	ENERGY	FUNDS	MUNIC.	FUNDS		
University of Hawaii	142.00	27.00	.00	.00	36.00	.00	10.00	.00	.00	215.00	
University of Alaska	145.00	.00	.00	.00	.00	.00	.00	1.00	17.00	163.00	
University of Washington	192.00	67.00	.00	.00	.00	.00	.00	61.00	7.00	327.00	
Oregon State University	75.00	8.00	.00	.00	.00	.00	.00	.00	1.00	84.00	
Scripps Institution of Oceanography	542.00	27.00	.00	4.00	9.00	.00	27.00	42.00	4.30	655.30	
Texas A & M University	49.00	15.00	.00	11.00	.00	16.00	.00	51.00	7.00	149.00	
University of Texas	6.00	8.00	.00	.00	.00	.00	.00	37.00	2.00	53.00	
University of Miami, RSMAS	109.00	34.00	.00	.00	2.00	47.00	.00	2.00	.00	194.00	
University of Georgia, Skidaway	25.00	.00	.00	.00	23.00	11.00	.00	.00	.00	59.00	
Duke University/University of North Carolina	131.00	26.00	.00	.00	.00	8.00	.00	4.00	3.00	172.00	
University of Delaware	123.00	49.00	.00	.00	.00	.00	.00	.00	.00	172.00	
Lamont-Doherty Geological Observatory	291.00	10.00	6.00	.00	.00	.00	.00	.00	2.00	309.00	
University of Rhode Island	127.00	.00	.00	.00	.00	3.00	.00	.00	.00	130.00	
Woods Hole Oceanographic Institution	471.00	67.00	.00	.00	21.00	.00	.00	.00	.00	559.00	
University of Michigan	57.00	.00	.00	.00	.00	.00	.00	14.00	6.00	77.00	
Moss Landing Marine Laboratory	107.00	48.00	.00	.00	.00	.00	.00	10.00	8.00	173.00	
Louisiana Universities Marine Consortium	29.00	4.00	.00	35.00	30.00	3.00	.00	6.00	27.00	134.00	
Harbor Branch Oceanographic Institution	109.00	96.00	.00	.00	130.00	2.00	2.00	.00	148.00	487.00	
Bermuda Biological Station for Research	140.00	.00	.00	.00	.00	.00	2.00	.00	2.00	144.00	
TOTALS	2870.00	486.00	6.00	50.00	251.00	90.00	41.00	228.00	234.30	4256.30	
PERCENT	67.43	11.42	.14	1.09	5.90	2.11	.96	5.36	5.50	100.00	

PRELIMINARY

UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -

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UNOLS OFFICE

OPERATIONAL DAYS CHARGED BY SPONSOR

DATE: 12/26/94

VESSELS	LENGTH	NATL	OFF.	U.S.	MIN.	NATL.	DEPT.	OTHER	STATE	PRIV/	TOTAL
		SCI.	NAVAL	GEOL.	MGMT.	OCEAN.	OF	FEDER.	OR	FORGN.	
		FNDTN	RES.	SURV.	SERV.	ATM AD.	ENERGY	FUNDS	MUNIC.	FUNDS	
MELVILLE	279 FT	303.00	.00	.00	.00	.00	.00	.00	.00	.00	303.00
KNORR	279 FT	218.00	35.00	.00	.00	.00	.00	.00	.00	.00	253.00
T. THOMPSON	274 FT	146.00	52.00	.00	.00	.00	.00	.00	52.00	7.00	257.00
EWING	239 FT	291.00	10.00	6.00	.00	.00	.00	.00	.00	2.00	309.00
MOANA WAVE	210 FT	142.00	27.00	.00	.00	36.00	.00	10.00	.00	.00	215.00
ATLANTIS II	210 FT	253.00	32.00	.00	.00	21.00	.00	.00	.00	.00	306.00
WECOMA	184 FT	75.00	8.00	.00	.00	.00	.00	.00	.00	1.00	84.00
ENDEAVOR	184 FT	127.00	.00	.00	.00	.00	3.00	.00	.00	.00	130.00
GYRE	182 FT	49.00	15.00	.00	11.00	.00	16.00	.00	51.00	7.00	149.00
OCEANUS	177 FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00
SEWARD JOHNSON	176 FT	52.00	9.00	.00	.00	.00	.00	.00	.00	27.00	88.00
NEW HORIZON	170 FT	175.00	10.00	.00	.00	.00	.00	13.00	39.00	4.30	241.30
COLUMBUS ISELIN	170 FT	59.00	34.00	.00	.00	.00	47.00	.00	.00	.00	140.00
EDWIN LINK	168 FT	49.00	12.00	.00	.00	118.00	2.00	2.00	.00	71.00	254.00
POINT SUR	135 FT	107.00	48.00	.00	.00	.00	.00	.00	10.00	8.00	173.00
CAPE HATTERAS	135 FT	131.00	26.00	.00	.00	.00	8.00	.00	4.00	3.00	172.00
ALPHA HELIX	133 FT	145.00	.00	.00	.00	.00	.00	.00	1.00	17.00	163.00
ROBERT G. SPROUL	125 FT	64.00	17.00	.00	4.00	9.00	.00	14.00	3.00	.00	111.00
CAPE HENLOPEN	120 FT	123.00	49.00	.00	.00	.00	.00	.00	.00	.00	172.00
WEATHERBIRD II	115 FT	140.00	.00	.00	.00	.00	.00	2.00	.00	2.00	144.00
SEA DIVER	113 FT	8.00	75.00	.00	.00	12.00	.00	.00	.00	50.00	145.00
LONGHORN	105 FT	6.00	8.00	.00	.00	.00	.00	.00	37.00	2.00	53.00
PELICAN	105 FT	29.00	4.00	.00	35.00	30.00	3.00	.00	6.00	27.00	134.00
LAURENTIAN	80 FT	57.00	.00	.00	.00	.00	.00	.00	14.00	6.00	77.00
BLUE FIN	72 FT	25.00	.00	.00	.00	23.00	11.00	.00	.00	.00	59.00
CLIFFORD A. BARNES	66 FT	46.00	15.00	.00	.00	.00	.00	.00	9.00	.00	70.00
CALANUS	64 FT	50.00	.00	.00	.00	2.00	.00	.00	2.00	.00	54.00
TOTALS		2870.00	486.00	6.00	50.00	251.00	90.00	41.00	228.00	234.30	4256.30
PERCENT		67.43	11.42	.14	1.17	5.90	2.11	.96	5.36	5.50	100.00

**PRELIMINARY
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -**

PROJECT PERSON-DAYS AT SEA BY SPONSOR

DATE: 12/26/94

VESSELS	LENGTH	NATL	OFF.	U.S.	MIN.	NATL.	DEPT.	OTHER	STATE	PRIV/	TOTAL
		SCI.	NAVAL	GEOLOG.	MGMT.	OCEAN.	OF	FEDER.	OR	FORGN.	
		FNDTN	RES.	SURV.	SERV.	ATM AD.	ENERGY	FUNDS	MUNIC.	FUNDS	
MELVILLE	279 FT	4356.00	.00	.00	.00	.00	.00	.00	.00	.00	4,356.00
KNORR	279 FT	3936.00	489.00	.00	.00	.00	.00	.00	.00	.00	4,425.00
T. THOMPSON	274 FT	3015.00	1187.00	.00	.00	.00	.00	.00	476.00	77.00	4,755.00
EWING	239 FT	5997.00	145.00	102.00	.00	.00	.00	.00	.00	18.00	6,262.00
MOANA WAVE	210 FT	1922.00	156.00	.00	619.00	.00	.00	60.00	.00	.00	2,757.00
ATLANTIS II	210 FT	5317.00	794.00	.00	.00	531.00	.00	.00	.00	.00	6,642.00
WECOMA	184 FT	1027.00	80.00	.00	.00	.00	.00	.00	.00	6.00	1,113.00
ENDEAVOR	184 FT	1470.00	.00	.00	.00	.00	39.00	.00	.00	.00	1,509.00
GYRE	182 FT	1073.60	110.20	.00	194.00	.00	368.00	.00	874.50	49.00	2,669.30
OCEANUS	177 FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00
SEWARD JOHNSON	176 FT	602.00	9.00	.00	.00	.00	.00	.00	.00	231.00	842.00
NEW HORIZON	170 FT	1785.00	90.00	.00	.00	.00	.00	117.00	636.00	51.30	2,679.30
COLUMBUS ISELIN	170 FT	1233.00	931.00	.00	.00	.00	985.00	.00	.00	.00	3,149.00
EDWIN LINK	168 FT	563.00	48.00	.00	.00	961.00	28.00	10.00	.00	663.00	2,273.00
POINT SUR	135 FT	1087.00	448.00	.00	.00	.00	.00	.00	304.00	104.00	1,943.00
CAPE HATTERAS	135 FT	1464.00	134.00	.00	.00	.00	71.00	.00	56.00	36.00	1,761.00
ALPHA HELIX	133 FT	1684.00	.00	.00	.00	.00	.00	.00	16.00	238.00	1,938.00
ROBERT G. SPROUL	125 FT	483.00	127.00	.00	53.00	101.00	.00	125.00	46.00	.00	935.00
CAPE HENLOPEN	120 FT	928.00	405.00	.00	.00	.00	.00	.00	.00	.00	1,333.00
WEATHERBIRD II	115 FT	979.00	.00	.00	.00	.00	.00	4.00	.00	6.00	989.00
SEA DIVER	113 FT	35.00	470.00	.00	.00	111.00	.00	.00	.00	223.00	839.00
LONGHORN	105 FT	72.00	72.00	.00	.00	.00	.00	.00	366.00	345.00	855.00
PELICAN	105 FT	250.00	28.00	.00	432.00	346.00	18.00	.00	74.00	167.00	1,315.00
LAURENTIAN	80 FT	290.50	.00	.00	.00	.00	.00	.00	136.50	36.00	463.00
BLUE FIN	72 FT	84.00	.00	.00	.00	153.00	39.00	.00	.00	.00	276.00
CLIFFORD A. BARNES	66 FT	173.00	88.00	.00	.00	.00	.00	.00	111.00	.00	372.00
CALANUS	64 FT	307.00	.00	.00	.00	12.00	.00	.00	34.00	.00	353.00
TOTALS		40,133.10	5,811.20	102.00	1,298.00	2,215.00	1,548.00	316.00	3,130.00	2,250.30	56,803.60
PERCENT		70.65	10.23	.18	2.29	3.90	2.73	.56	5.51	3.96	100.00

**PRELIMINARY
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -**

**UNOLS OFFICE
DATE: 12/26/94**

UNOLS CRUISE PARTICIPANTS AND AFFILIATIONS

VESSELS	SCI	TECH	GRAD	STU/ OBS	TOTAL	NON-OPER UNOLS	NON- UNOLS	FED	FRGN	TOTAL
MELVILLE	75.00	94.00	24.00	12.00	205.00	1.00	9.00	9.00	30.00	49.00
KNORR	50.00	81.00	14.00	12.00	157.00	11.00	24.00	24.00	12.00	71.00
T.THOMPSON	70.00	146.00	23.00	64.00	303.00	18.00	36.00	14.00	19.00	87.00
EWING	101.00	215.00	33.00	9.00	358.00	12.00	39.00	31.00	64.00	146.00
MOANA WAVE	103.00	213.00	97.00	47.00	460.00	7.00	54.00	40.00	8.00	109.00
ATLANTIS II	154.00	225.00	64.00	16.00	459.00	61.00	55.00	29.00	34.00	179.00
WECOMA	35.00	50.00	4.00	13.80	102.80	1.00	8.00	3.00	6.00	18.00
ENDEAVOR	50.00	67.00	27.00	11.00	155.00	30.00	20.00	.00	2.00	52.00
OCEANUS	.00	.00	.00	.00	0.00	.00	.00	.00	.00	0.00
SEWARD JOHNSON	41.00	9.00	4.00	.00	54.00	6.00	17.00	1.00	2.00	26.00
GYRE	65.00	143.00	81.00	10.00	299.00	25.00	30.00	7.00	12.00	74.00
NEW HORIZON	91.00	119.00	58.00	32.00	300.00	37.00	16.00	15.00	15.00	83.00
COLUMBUS ISELIN	77.00	135.00	22.00	41.00	275.00	88.00	26.00	41.00	2.00	157.00
EDWIN LINK	170.00	29.00	96.00	75.00	370.00	55.00	135.00	30.00	31.00	251.00
POINT SUR	120.00	106.00	220.00	163.00	609.00	191.00	234.00	2.00	1.00	428.00
CAPE HATTERAS	84.00	121.00	69.00	20.00	294.00	86.00	48.00	9.00	.00	143.00
ALPHA HELIX	102.00	65.00	41.00	23.00	231.00	14.00	20.00	35.00		69.00
ROBERT G. SPROUL	120.00	118.00	50.00	53.00	341.00	38.00	35.00	49.00	2.00	124.00
CAPE HENLOPEN	242.00	45.00	15.00	11.00	313.00	175.00	16.00	30.00	.00	221.00
WEATHERBIRD II	110.00	313.00	4.00	86.00	513.00	1.00	61.00	.00	25.00	87.00
SEA DIVER	43	27.00	4.00	.00	74.00	9.00	8.00	34.00	.00	51.00
PELICAN	104.00	110.00	16.00	28.00	258.00	18.00	168.00	3.00	.00	189.00
LAURENTIAN	47.00	12.00	51.00	108.00	218.00	12.00	73.00	3.00	.00	88.00
LONGHORN	56.00	18.00	34.00	461.00	569.00	1.00	410.00	3.00	.00	414.00
BLUE FIN	43.00	34.00	1.00	22.00	100.00	1.00	23.00	.00	7.00	31.00
CLIFFORD A. BARNES	71.00	76.00	57.00	71.00	275.00	.00	12.00	7.00	1.00	20.00
CALANUS *	26.00	10.00	17.00	26.00	79.00	8.00	24.00	3.00	2.00	37.00
TOTALS	2250.00	2581.00	1126.00	1414.80	7371.80	906.00	1601.00	422.00	275.00	3204.00
PERCENT	30.52	35.01	15.27	19.19	100.00	28.28	49.97	13.17	8.58	100.00

* Cruise Report Data not verified by U Miami

PRELIMINARY															PAGE 1
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -															UNOLS OFFICE
SEA DAY PROFILES															DATE: 12/26/94
AGENCY	PHYS. OCEAN	ACOUS- TICS	CHEM. OCEAN	BIOL. OCEAN	ENVIR. ECOL.	FISH. INVST	CLIM. METEO	GEOLO GEOPH	MAP CHRTG	OCEAN ENGIN	TRAIN- ING	TRANS. NONSCI	POLL. ASSESS	OTHER	TOTAL
National Science Foundation	753.00	12.00	420.00	677.00		5.00		691.00		6.00	13.00			96.00	2673.00
Office of Naval Research	223.00	33.00	32.00	18.00			6.00	68.00		3.00	16.00			46.00	445.00
U.S. Geological Survey								6.00							6.00
Bureau of Land Management/Minerals Mgmt. Service	38.00			10.00		1.00								1.00	50.00
National Oceanic and Atmospheric Administration	53.00		14.00	91.00	11.00	10.00		22.00						41.00	242.00
Department of Energy (ERDA)	11.00		19.00	37.00				16.00							83.00
Other Federal	5.00	18.00		2.00						11.00				5.00	41.00
State/Municipal	56.00		10.00	30.00		12.00		12.00			49.00			54.00	223.00
Other/Private	23.00	2.00	6.00	70.00			17.00	45.30	36.00	9.00	1.00		7.00	14.00	230.30
TOTALS	1162.00	65.00	501.00	935.00	11.00	28.00	23.00	860.30	36.00	29.00	79.00	0.00	7.00	257.00	3993.30
PERCENT	29.1	1.6	12.5	23.4	0.3	0.7	0.6	21.5	0.9	0.7	2.0	0.0	0.2	6.4	100.0

PRELIMINARY															
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -															PAGE 2
SEA DAY PROFILES															UNOLS OFFICE
															DATE: 12/26/94
INSTITUTION	PHYS.	ACOUS-	CHEM.	BIOL.	ENVIR.	FISH.	CLIM.	GEOLO	MAP	OCEAN	TRAIN-	TRANS.	POLL.	OTHER	TOTAL
	OCEAN	TICS	OCEAN	OCEAN	ECOL.	INVST	METEO	GEOPH	CHRTG	ENGIN	ING	NONSCI	ASSESS		
															.00
University of Hawaii	178.00	.00	.00	4.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	14.00	204.00
University of Alaska	21.00	.00	.00	56.00	.00	.00	17.00	60.00	.00	.00	.00	.00	.00	.00	154.00
University of Washington	128.00	.00	11.00	25.00	.00	5.00	.00	53.00	.00	7.00	8.00	.00	.00	63.00	300.00
Oregon State University	15.00	.00	29.00	9.00	.00	.00	.00	30.00	.00	.00	.00	.00	.00	.00	83.00
Scripps Institution of Oceanography	131.00	19.00	18.00	162.00	.00	.00	6.00	254.30	.00	9.00	1.00	.00	.00	13.00	613.30
Texas A & M University	34.00	.00	42.00	.00	.00	.00	.00	38.00	.00	.00	16.00	.00	.00	7.00	137.00
University of Texas	16.00	.00	.00	3.00	.00	12.00	.00	.00	.00	.00	17.00	.00	.00	5.00	53.00
University of Miami, RSMAS	6.00	.00	18.00	98.00	.00	.00	.00	40.00	.00	.00	.00	.00	.00	2.00	164.00
University of Georgia, Skidaway	.00	.00	5.00	53.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	59.00
Duke University/University of North Carolina	86.00	.00	14.00	45.00	.00	.00	.00	15.00	.00	3.00	.00	.00	.00	2.00	165.00
University of Delaware	30.00	.00	113.00	28.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.00
Lamont-Doherty Geological Observatory	118.00	.00	.00	.00	.00	.00	.00	143.00	.00	.00	.00	.00	.00	23.00	284.00
University of Rhode Island	72.00	12.00	16.00	26.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	126.00
Woods Hole Oceanographic Institution	105.00	.00	36.00	147.00	.00	.00	.00	150.00	.00	.00	.00	.00	.00	56.00	494.00
University of Michigan	.00	.00	.00	8.00	.00	.00	.00	36.00	6.00	.00	11.00	.00	.00	16.00	77.00
Moss Landing Marine Laboratory	43.00	.00	23.00	81.00	.00	.00	.00	.00	.00	.00	26.00	.00	.00	.00	173.00
Louisiana Universities Marine Consortium	38.00	.00	24.00	57.00	.00	1.00	.00	3.00	.00	.00	.00	.00	7.00	2.00	132.00
Harbor Branch Oceanographic Institution	113.00	34.00	57.00	121.00	11.00	10.00	.00	30.00	30.00	5.00	.00	.00	.00	51.00	462.00
Bermuda Biological Station for Research	28.00	.00	95.00	12.00	.00	.00	.00	.00	.00	5.00	.00	.00	.00	2.00	142.00
TOTALS	1162.00	65.00	501.00	935.00	11.00	28.00	23.00	860.30	36.00	29.00	79.00	0.00	7.00	257.00	3993.30
PERCENT	29.10	1.63	12.55	23.41	.28	.70	.58	21.54	.90	.73	1.98	.00	.18	6.44	100.00

PRELIMINARY

UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -

SEA DAY PROFILES

VESSELS	PHYS.	ACOUS-	CHEM.	BIOL.	ENVIR.	FISH.	CLIM.	GEOLO	MAP	OCEAN	TRAIN-	TRANS.	POLL.	OTHER	TOTAL
	OCEAN	TICS	OCEAN	OCEAN	ECOL.	INVST	METEO	GEOPH	CHRTG	ENGIN	ING	NONSCI	ASSESS		
															.00
MELVILLE	84.00	.00	.00	.00	.00	.00	.00	185.00	.00	.00	.00	.00	.00	.00	269.00
KNORR	97.00	.00	30.00	37.00	.00	.00	.00	32.00	.00	.00	.00	.00	.00	31.00	227.00
T. THOMPSON	128.00	.00	.00	.00	.00	.00	.00	43.00	.00	7.00	.00	.00	.00	54.00	232.00
EWING	118.00	.00	.00	.00	.00	.00	.00	143.00	.00	.00	.00	.00	.00	23.00	284.00
MOANA WAVE	178.00	.00	.00	4.00	.00	.00	.00	8.00	.00	.00	.00	.00	.00	14.00	204.00
ATLANTIS II	8.00	.00	6.00	110.00	.00	.00	.00	118.00	.00	.00	.00	.00	.00	25.00	267.00
WECOMA	15.00	.00	29.00	9.00	.00	.00	.00	30.00	.00	.00	.00	.00	.00	.00	83.00
ENDEAVOR	72.00	12.00	16.00	26.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	126.00
OCEANUS	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SEWARD JOHNSON	27.00	9.00	24.00	.00	.00	.00	.00	26.00	.00	.00	.00	.00	.00	.00	86.00
GYRE	34.00	.00	42.00	.00	.00	.00	.00	38.00	.00	.00	16.00	.00	.00	7.00	137.00
NEW HORIZON	25.00	13.00	13.00	109.00	.00	.00	.00	62.30	.00	.00	.00	.00	.00	11.00	233.30
COLUMBUS ISELIN	4.00	.00	18.00	68.00	.00	.00	.00	23.00	.00	.00	.00	.00	.00	.00	113.00
EDWIN LINK	29.00	.00	33.00	105.00	11.00	10.00	.00	4.00	.00	3.00	.00	.00	.00	42.00	237.00
POINT SUR	43.00	.00	23.00	81.00	.00	.00	.00	.00	.00	.00	26.00	.00	.00	.00	173.00
CAPE HATTERAS	86.00	.00	14.00	45.00	.00	.00	.00	15.00	.00	3.00	.00	.00	.00	2.00	165.00
ALPHA HELIX	21.00	.00	.00	56.00	.00	.00	17.00	60.00	.00	.00	.00	.00	.00	.00	154.00
ROBERT G. SPROUL	22.00	6.00	5.00	53.00	.00	.00	6.00	7.00	.00	9.00	1.00	.00	.00	2.00	111.00
CAPE HENLOPEN	30.00	.00	113.00	28.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	171.00
WEATHERBIRD II	28.00	.00	95.00	12.00	.00	.00	.00	.00	.00	5.00	.00	.00	.00	2.00	142.00
SEA DIVER	57.00	25.00	.00	16.00	.00	.00	.00	.00	30.00	2.00	.00	.00	.00	9.00	139.00
PELICAN	38.00	.00	24.00	57.00	.00	1.00	.00	3.00	.00	.00	.00	.00	7.00	2.00	132.00
LAURENTIAN	.00	.00	.00	8.00	.00	.00	.00	36.00	6.00	.00	11.00	.00	.00	16.00	77.00
LONGHORN	16.00	.00	.00	3.00	.00	12.00	.00	.00	.00	.00	17.00	.00	.00	5.00	53.00
BLUE FIN	.00	.00	5.00	53.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	59.00
CLIFFORD A. BARNES	.00	.00	11.00	25.00	.00	5.00	.00	10.00	.00	.00	8.00	.00	.00	9.00	68.00
CALANUS	2.00	.00	.00	30.00	.00	.00	.00	17.00	.00	.00	.00	.00	.00	2.00	51.00
TOTALS	1162.00	65.00	501.00	935.00	11.00	28.00	23.00	860.30	36.00	29.00	79.00	.00	7.00	257.00	3993.30
PERCENT	29.10	1.63	12.55	23.41	.28	.70	.58	21.54	.90	.73	1.98	.00	.18	6.44	100.00

PRELIMINARY											PAGE 4
UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -											UNOLS OFFICE
SEA DAYS CHARGED BY SPONSOR											DATE: 12/26/94
	NATL	OFF.	U.S.	MIN.	NATL.	DEPT.	OTHER	STATE	PRIV/		
	SCI.	NAVAL	GEOL.	MGMT.	OCEAN.	OF	FEDER.	OR	FORGN.	TOTAL	
INSTITUTION	FNDTN	RES.	SURV.	SERV.	ATM AD.	ENERGY	FUNDS	MUNIC.	FUNDS		
										.00	
University of Hawaii	134.00	24.00	.00	.00	36.00	.00	10.00	.00	.00	204.00	
University of Alaska	136.00	.00	.00	.00	.00	.00	.00	1.00	17.00	154.00	
University of Washington	179.00	58.00	.00	.00	.00	.00	.00	56.00	7.00	300.00	
Oregon State University	74.00	8.00	.00	.00	.00	.00	.00	.00	1.00	83.00	
Scripps Institution of Oceanography	500.00	27.00	.00	4.00	9.00	.00	27.00	42.00	4.30	613.30	
Texas A & M University	45.00	7.00	.00	11.00	.00	16.00	.00	51.00	7.00	137.00	
University of Texas	6.00	8.00	.00	.00	.00	.00	.00	37.00	2.00	53.00	
University of Miami, RSMAS	94.00	26.00	.00	.00	2.00	40.00	.00	2.00	.00	164.00	
University of Georgia, Skidaway	25.00	.00	.00	.00	23.00	11.00	.00	.00	.00	59.00	
Duke University/University of North Carolina	124.00	26.00	.00	.00	.00	8.00	.00	4.00	3.00	165.00	
University of Delaware	122.00	49.00	.00	.00	.00	.00	.00	.00	.00	171.00	
Lamont-Doherty Geological Observatory	267.00	9.00	6.00	.00	.00	.00	.00	.00	2.00	284.00	
University of Rhode Island	123.00	.00	.00	.00	.00	3.00	.00	.00	.00	126.00	
Woods Hole Oceanographic Institution	415.00	60.00	.00	.00	19.00	.00	.00	.00	.00	494.00	
University of Michigan	57.00	.00	.00	.00	.00	.00	.00	14.00	6.00	77.00	
Moss Landing Marine Laboratory	107.00	48.00	.00	.00	.00	.00	.00	10.00	8.00	173.00	
Louisiana Universities Marine Consortium	27.00	4.00	.00	35.00	30.00	3.00	.00	6.00	27.00	132.00	
Harbor Branch Oceanographic Institution	100.00	91.00	.00	.00	123.00	2.00	2.00	.00	144.00	462.00	
Bermuda Biological Station for Research	138.00	.00	.00	.00	.00	.00	2.00	.00	2.00	142.00	
TOTALS	2673.00	445.00	6.00	50.00	242.00	83.00	41.00	223.00	230.30	3993.30	

PRELIMINARY

UNOLS RESEARCH VESSELS FLEET OPERATIONS - 1994 -

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UNOLS OFFICE

DATE: 12/26/94

SEA DAYS CHARGED BY SPONSOR

VESSELS	LENGTH	NATL	OFF.	U.S.	MIN.	NATL.	DEPT.	OTHER	STATE	PRIV/	TOTAL
		SCI.	NAVAL	GEOL.	MGMT.	OCEAN.	OF	FEDER.	OR	FORGN.	
	FNDTN	RES.	SURV.	SERV.	ATM AD.	ENERGY	FUNDS	MUNIC.	FUNDS		
											.00
MELVILLE	279 FT	269.00	.00	.00	.00	.00	.00	.00	.00	.00	269.00
KNORR	279 FT	196.00	31.00	.00	.00	.00	.00	.00	.00	.00	227.00
T. THOMPSON	274 FT	133.00	45.00	.00	.00	.00	.00	.00	47.00	7.00	232.00
EWING	239 FT	267.00	9.00	6.00	.00	.00	.00	.00	.00	2.00	284.00
MOANA WAVE	210 FT	134.00	24.00	.00	.00	36.00	.00	10.00	.00	.00	204.00
ATLANTIS II	210 FT	219.00	29.00	.00	.00	19.00	.00	.00	.00	.00	267.00
ENDEVOUR	184 FT	123.00	.00	.00	.00	.00	3.00	.00	.00	.00	126.00
WECOMA	184 FT	74.00	8.00	.00	.00	.00	.00	.00	.00	1.00	83.00
GYRE	182 FT	45.00	7.00	.00	11.00	.00	16.00	.00	51.00	7.00	137.00
OCEANUS	177 FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SEWARD JOHNSON	176 FT	51.00	9.00	.00	.00	.00	.00	.00	.00	26.00	86.00
NEW HORIZON	170 FT	167.00	10.00	.00	.00	.00	.00	13.00	39.00	4.30	233.30
COLUMBUS ISELIN	170 FT	47.00	26.00	.00	.00	.00	40.00	.00	.00	.00	113.00
EDWIN LINK	168 FT	41.00	12.00	.00	.00	112.00	2.00	2.00	.00	68.00	237.00
POINT SUR	135 FT	107.00	48.00	.00	.00	.00	.00	.00	10.00	8.00	173.00
CAPE HATTERAS	135 FT	124.00	26.00	.00	.00	.00	8.00	.00	4.00	3.00	165.00
ALPHA HELIX	133 FT	136.00	.00	.00	.00	.00	.00	.00	1.00	17.00	154.00
ROBERT G. SPROUL	125 FT	64.00	17.00	.00	4.00	9.00	.00	14.00	3.00	.00	111.00
CAPE HENLOPEN	120 FT	122.00	49.00	.00	.00	.00	.00	.00	.00	.00	171.00
WEATHERBIRD II	115 FT	138.00	.00	.00	.00	.00	.00	2.00	.00	2.00	142.00
SEA DIVER	113 FT	8.00	70.00	.00	.00	11.00	.00	.00	.00	50.00	139.00
LONGHORN	105 FT	6.00	8.00	.00	.00	.00	.00	.00	37.00	2.00	53.00
PELICAN	105 FT	27.00	4.00	.00	35.00	30.00	3.00	.00	6.00	27.00	132.00
LAURENTIAN	80 FT	57.00	.00	.00	.00	.00	.00	.00	14.00	6.00	77.00
BLUE FIN	72 FT	25.00	.00	.00	.00	23.00	11.00	.00	.00	.00	59.00
CLIFFORD A. BARNES	66 FT	46.00	13.00	.00	.00	.00	.00	.00	9.00	.00	68.00
CALANUS	64 FT	47.00	.00	.00	.00	2.00	.00	.00	2.00	.00	51.00
TOTALS		2673.00	445.00	6.00	50.00	242.00	83.00	41.00	223.00	230.30	3993.30
PERCENT		66.94	11.14	.15	1.25	6.06	2.08	1.03	5.58	5.77	100.00