

BIGHT'08 SAMPLING VESSEL SPECIFICATIONS

Bight'08 Coastal Ecology Field Operations Manual – Appendix E

Specifications of ocean sampling vessels participating in the Bight'08 survey, summer 2008

SPECIFICATION	1	2	3	4
agency/owner	City of L.A.	City of L.A.	L.A.C.S.D.	L.A.C.S.D.
vessel name	La Mer	Marine Surveyor	Ocean Sentinel	Phaon
length (ft)	85	65	66	25
home port	Marina del Rey	San Pedro	Cabrillo	Cabrillo
call sign	WAM7628	WO5232	WAA9057	WTA5037
cellular phone	None	None	310/613-5434	310-415-4006
NAV EQUIPMENT				
radar	Yes	Yes	Yes	Yes
fathometer	Yes	Yes	Yes	Yes
GPS	Yes	Yes	Yes	Yes
DGPS	Yes	Yes	Yes	Yes
SAMPLING EQUIPMENT				
puller cat-head	Yes	Yes	Yes	Yes
wire dia/puller (in)	N/A	N/A	N/A	N/A
wire length/puller (ft)	N/A	N/A	N/A	N/A
winch/grab	Yes	Yes	Yes	No
wire dia/grab (in)	1/4	5/32	3/16	N/A
wire length/grab (ft)	2000	2000	3000	N/A
winch/trawl	Yes	Yes	Yes	No
wire dia/trawl (in)	3/8	5/16	3/8	N/A
wire length/trawl (ft)	3500	4000	4000	N/A
davit	Yes	Yes	Yes	Yes
A/H - frame	Yes	No	No	No
articulated crane	Yes	No	Yes	No
refrigerator	Yes	Yes	Yes	No
freezer	Yes	Yes	Yes	No

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SPECIFICATION	5	6	7	8
agency/owner	City of S.D.	City of S.D.	NOAA/CINMS	ABC
vessel name	Monitor III	Oceanus	Shearwater	Hey Jude
length (ft)	42	48	62	40
home port	Driscoll's Wharf	Driscoll's Wharf	Santa Barbara	Channel Islands Harbor
call sign	WUV9304	WUV9304	WDB2424	WYB3631
cellular phone	619/520-1926	619/247-1139	805/729-2727	805/340-0184
NAV EQUIPMENT				
radar	Yes	Yes	Yes	Yes
fathometer	Yes	Yes	Yes	Yes
GPS	Yes	Yes	Yes	Yes
DGPS	Yes	Yes	Yes	Yes
SAMPLING EQUIPMENT				
puller cat-head	No	Yes	No	N/A
wire dia/puller (in)	N/A	N/A	N/A	N/A
wire length/puller (ft)	N/A	N/A	N/A	Yes
winch/grab	Yes	Yes	Yes	9/16
wire dia/grab (in)	1/4	1/4	.322	4000
wire length/grab (ft)	750	750	6562	Yes
winch/rawl	Yes	Yes	Yes	9/16
wire dia/rawl (in)	1/4	1/4	.322	4000
wire length/rawl (ft)	2700	5000	6562	Yes
davit	Yes	Yes	No	No
A/H - frame	Yes	Yes	Yes	No
articulated crane	No	No	Yes	Yes
refrigerator	Yes	Yes	Yes	No
freezer	No	No	Yes	

Bight'08 Coastal Ecology Field Operations Manual – Appendix E

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SPECIFICATION	9	10	11	12
agency/owner	MBC	Weston Solutions	SeaVentures	So. Cal. Mar. Inst.
vessel name	Zephyr	Waterline	Early Bird II	Yellowfin
length (ft)	44	24	42	70
home port	Ventura	Carlsbad, Ca	Dana Point	Terminal Island
call sign	WBZ3687	RV Waterline	WDC3623	WCW2778
cellular phone	510/914-0157	TBD	949/637-2433	310/560-9917
NAV EQUIPMENT				
radar	Yes	Yes	Yes	Yes
fathometer	Yes	Yes	Yes	Yes
GPS	Yes	Yes	Yes	Yes
DGPS	Yes	Yes	Yes	Yes
SAMPLING EQUIPMENT				
puller cat-head	No	Yes	Yes	Yes
wire dia/puller (in)	N/A	N/A	N/A	N/A
wire length/puller (ft)	N/A	N/A	N/A	N/A
winch/grab	Yes	Yes	Yes	Yes
wire dia/grab (in)	1/4	1/4	1/4	7/16
wire length/grab ft)	3000	150'	3000-5000	14000
winch/rawl	Yes	Yes	Yes	Yes
wire dia/rawl (in)	3/8	1/4	1/4	7/16
wire length/rawl (ft)	14000	150'	3000-5000	14000
davit	Yes	Yes	No	No
A/H - frame	Yes	No	Yes- articulated	Yes
articulated crane	No	No	No	Yes
refrigerator	Yes	No	Yes	Yes
freezer	Yes	No	Yes	Yes

Bight'08 Coastal Ecology Field Operations Manual – Appendix E

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SPECIFICATION	13	14		
agency/owner	VRG/Occidental	OCSD		
vessel name	Yellowfin	Nerissa		
length (ft)	70	58		
home port	Terminal Island	Newport Beach		
call sign	WCW2778	WDC2773		
cellular phone	310/560-9917	(714)307-9146		
NAV EQUIPMENT				
radar	Yes	Yes		
fathometer	Yes	Yes		
GPS	Yes	Yes		
DGPS	Yes	Yes		
SAMPLING EQUIPMENT				
puller cat-head	Yes	Yes (on A-frame)		
wire dia/puller (in)	N/A	N/A		
wire length/puller (ft)	N/A	N/A		
winch/grab	Yes	Yes		
wire dia/grab (in)	7/16	3/8		
wire length/grab ft)	14000	1,000 meters		
winch/rawl	Yes	Yes		
wire dia/rawl (in)	7/16	3/8		
wire length/rawl (ft)	14000	1,000 meters		
davit	No	crane		
A/H - frame	Yes	Yes		
articulated crane	Yes	Yes		
refrigerator	Yes	Yes		
freezer	Yes	Yes		

