

MIAMI-DADE COUNTY ARTIFICIAL REEF PROGRAM

Material listed by SITE (north to south) and DATE deployed (earliest to most recent). GPS coordinates in degrees, decimal minutes.

SITE	NAME	DESCRIPTION	DATE	DEPTH	PROFILE	LAT.	LONG.	TYPE	SOURCE
BISCAYNE BAY (INSHORE SITES)	<i>Dumfounding Bay Reef</i>	2889 tons rock limestone, tanks, drums, 4 vessels	Dec-85	45'	20'	25 56.927	80 07.767	boulders	DERM**
	<i>Greynolds Park Reef</i>	382 tons of limestone boulders (16' x 32')	Dec-87	10'	4'	25 55.750	80 09.000	boulders	DEP-LOR
	<i>Oleta River State Park Reef</i>	2900 Tons of limestone boulders	Dec-91	8'	2'	25 54.433	80 08.003	boulders	DEP-LOR
	<i>North Bayside Park Reef</i>	Concrete Culverts (Pipe and Rubble)	Dec-91	7'		25 53.331	80 09.036	culverts	DERM**
	<i>San Souci Reef</i>	3611 tones of Limestone Boulders	Dec-91	25'	10'	25 52.959	80 09.268	boulders	DERM**
	<i>Pelican Harbor Reef</i>	Concrete Culverts	Dec-79	7'	3'	25 50.450	80 10.000	culverts	DEP-LOR
	<i>Julia Tuttle Reef</i>	tanks, autos, pilings, MacArthur, Venetian and	Nov-01	28'	11'	25 48.833	80 10.200	rubble	DERM
	<i>Star Island Reef</i>	Bridge Material and Limestone Boulders	1993	12'	8'	25 46.434	80 09.078	concrete	DERM
	<i>Brickell Area Reef</i>	3370 tons rock limestone	Dec-91	12'	6'	25 44.916	80 11.783	boulders	DEP-LOR
	<i>Rickenbacker Causeway Reef</i>	Concrete Piles & Limestone boulders	Dec-86	10'		25 44.750	80 10.883	rubble	DEP-LOR
	<i>Mercy Hospital Reef</i>	Concrete Rubble, vessels, concrete beams	Dec-84	10'	4'	25 44.283	80 12.700	rubble	DEP-LOR
	TENNECO REEF SITE	<i>"Shallow Tennecos"</i>	3 Platform structures	Oct-85	90' to 110'	40'	25 58.930	80 05.142	steel
<i>"Deep Tennecos"</i>		2 Tower structures	Oct-85	185'	80'	25 58.901	80 04.799	steel	H20
<i>"Cruz Del Sur"</i>		287' steel ship	Dec-86	240'	95'	25 58.161	80 04.619	ship	MSKAGGS
SUNNY ISLES REEF SITE	<i>"C-One"</i>	105' steel tug	Nov-90	68'	25'	25 54.550	80 05.404	ship	MSKAGGS
	<i>"Concepcion"</i>	150' steel ship	Jun-91	68'	20'	25 54.562	80 05.397	ship	DERM, DERM TXT, & DEP-GPS
		320 tons of concrete pipe 80 module-types M2, RR, & D	Jul-91	68'	12'	25 54.532	80 05.356	concrete	DERM
	<i>"SIRR onsite" - Site 2</i>		Aug-91	60'	3' - 5'	25 56.208	80 05.635	modules	DERM
	<i>"SIRR onsite" - Site 3</i>	various module types	Aug-91	60'	3' - 5'	25 57.000	80 05.596	modules	DERM
		1500 tons boulder & 50 Modules	Mar-93	68'	5'	25 54.463	80 05.377	boulders	DERM & DERM TXT
	<i>"White Coast"</i>	38' steel tug	May-95	68'	10'	25 54.540	80 05.396	ship	DERM
		64 DERM concrete modules	Oct-96	68'	5'	25 54.316	80 05.393	modules	DERM
		5,000 tons limestone boulders	Apr-99	68'	10'	25 54.134	80 05.393	concrete	DERM
		176 DERM Concrete Modules	May-99	68'	5'	25 54.165	80 05.393	modules	DERM
	<i>"Carmen"</i>	45' steel tug	Jul-99	65'	20'	25 54.533	80 05.437	ship	DERM
	<i>"Timothy Allen Reed"</i>	80' Deck Barge	Dec-99	65'	10'	25 54.487	80 05.427	barge	DERM
<i>"SFFC FADs"</i>	40' experimental FADs	Jul-01	60'	40'	26 54.487	81 05.427	FAD	DERM	
HAULOVER REEF SITE	<i>"Liberty Ship" (O.L. Bodenhamer)</i>	425' steel ship	May-76	372'	20'	25 51.381	80 02.594	ship	DERM & DEP- GPS
		35' wood boat	Nov-85			na	na	ship	DEP-LOR
	<i>"Andro"</i>	165' steel ship	Dec-85	104'	25'	25 53.643	80 05.133	ship	MSKAGGS & DEP GPS
		30' wood boat	Dec-85			na	na	ship	DEP-LOR
		40' fiberglass boat	Dec-85			na	na	ship	DEP-LOR
	<i>"Narwal"</i>	137' steel ship	Apr-86	115'	18'	25 54.643	80 05.055	ship	DERM-TXT, MSKAGGS, OLD
		360 tons of concrete pipe	May-87	120'	8'	na	na	concrete	DEP-UK
	<i>"Rossmerry"</i>	195' steel ship	Oct-87	240'	20'	25 54.253	80 05.623	ship	DERM & DEP- GPS
		50 tons of concrete pipe	Jun-89	338'	4'	na	na	concrete	DEP-UK
		660 tons of concrete culverts	Jul-89	120'		na	na	concrete	DEP-LOR

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SITE	NAME	DESCRIPTION	DATE	DEPTH	PROFILE	LAT.	LONG.	TYPE	SOURCE
PFLUEGER REEF SITE	"LCI"	150' steel hull	Oct-69	202'	5'	na	na	ship	DEP-UK
		Steel dredge pipes	Mar-70	204'	3'	na	na	steel	DEP-UK
	"Lotus"	110' steel ship	Feb-71	218'	15'	25 50.957	80 04.647	ship	H20, & MSKAGGS
	"Pimellous"	120' steel ship	May-71	135'	15'	25 49.302	80 04.948	ship	DERM, DERM TX, & DEP-GPS
	"Mine Sweeper"	177' wooden vessel	Jun-71	180'		na	na	ship	DEP-UK
	"Hopper Barge"	175' steel barge	Dec-71	234'		na	na	barge	DEP-UK
	"Fire Boat"	110' steel ship	Jun-73	222'	12'	na	na	ship	DEP-UK
	"West End"	110' steel hull	Jul-73	228'		na	na	ship	DEP-UK
	"Deep Freeze"	210' steel ship	Oct-76	135'	25'	25 49.303	80 04.951	ship	MSKAGGS & DEP GPS
	"Dry Docks"	Steel pontoon dry docks	Dec-78	330'		na	na	steel	DEP-UK
	"San Raphael"	Steel ship	Dec-80	282'		na	na	ship	DEP-LOR
	"Walka Q"	200' steel freighter	Dec-80	282'		na	na	ship	DEP-LOR
	"Ostwind"	80' steel hull	Jun-89	275'	14'	na	na	ship	DEP-UK
	"Raychel"	164' steel freighter salvaged in 3 pieces	Jul-91	185'	20'	25 49.212	80 04.763	ship	DERM
	"Tortuga"	165' steel ship	Apr-95	110'	40'	25 49.252	80 05.087	ship	DIVING, MSKAGGS, &
	"St. Henry Express"	120' steel freighter	Feb-97	113'	20'	25 49.321	80 05.099	ship	RJ DIVING
	"Betek Ar Pen"	70' steel dive boat	Jun-97	110'	15'	25 49.353	80 05.113	ship	DERM & DERM TXT
	"Gimrock Barge carrying Water Tower"	195' steel scow barge	Jun-97	170'	25'	25 49.322	80 05.100	barge	DERM & DERM TXT
	"South Point Water Tower Reef"	45' steel water tower	Jun-97	170'	65'	25 49.503	80 04.832	steel	DEP-GPS
	"Gimrock/ Atlas Recycling Barge"	195' steel hopper barge	Aug-98	112'	19'	25 49.234	80 05.062	barge	DERM TXT, & DEP-DGPS
"Cleve Jones, Sr." (formerly Jupiter Star)	232' steel freighter	Aug-01	155'	40'	25 48.975	80 04.890	ship	DERM	
ANCHORAGE AREA SITE	"Shamrock"	120' steel	Jun-85	44'	15'	25 48.580	80 05.430	ship	DERM TXT
	"John C. Koppin Memorial"	75' steel barge	Oct-85	45'	7'	25 48.820	80 05.470	barge	DERM, DERM TXT & DEP-GPS
		Six 90' concrete beams	May-87	51'	9'	na	na	concrete	DEP-UK
		360 tons of concrete pipe	Sep-87	51'	8'	na	na	concrete	DEP-UK
		119 20' Radio Tower Sections	Apr-88	51'		na	na	steel	DEP-LOR
		19 steel antenna pyramids	Aug-88	50'	20'	25 48.678	80 05.385	steel	DERM & DERM TXT
	"Miss Karlene" (Karleen)	85' steel hull	Jun-89	51'	15'	25 48.775	80 05.351	ship	RJ DIVING
		236 tons of culvert and 30 steel tanks	May-90	45'		na	na	concrete	DEP-LOR
	"Patricia"	65' steel tug	Jun-90	53'	15'	25 48.791	80 05.368	ship	MSKAGGS & OLD H20
	"Tank #1"	M60 Army Tank	Jun-94	49'	12'	25 48.672	80 05.450	tanks	DERM*
	"Tank #2"	M60 Army Tank	Jun-94	47'	10'	25 48.674	80 05.474	tanks	DERM*
		400 tons of limestone boulders	Jun-94	47'	11'	25 48.731	80 05.396	boulders	DEP-GPS
		1060 tons of limerock boulder	Jun-94	48'	10'	25 48.680	80 05.480	boulders	DERM & DERM TXT
		3' to 5' diameter limestone rock	Jun-95	52'	15'	25 48.776	80 05.470	rock	DEP-GPS
	"Mathew Lawrence Memorial Reef"	110' steel ship/barge	Jan-96	50'	15'	25 48.660	80 05.390	ship	DERM, DERM TXT & DEP-GPS
	"Larsen Barge"	60' deck barge	Jan-99	45'	7'	25 48.702	80 05.452	barge	DERM & DERM TXT
	"Police Barge"			50'	10'	25 48.585	80 05.447	barge	DERM*
	"Police Barge #2"				44' to 46'	25 48.832	80 05.533	barge	OLD H20
	"#7"					25 48.680	80 05.402	ship	RJ DIVING

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POM SITE A- NORTH		50 on 100' centers (10x5 matrix)	Jul-96	25'	5'	25 46.373	80 06.432	modules	DERM & DERM TXT
		50 on 50' centers (7x7 matrix)	Jul-96	25'	5'	25 46.258	80 06.468	modules	DERM & DERM TXT
		50 on 10' centers (clustered)	Aug-96	25'	5'	25 46.087	80 06.275	modules	DERM & DERM TXT
		495 mods on 25' ctrs (29x17)	Jan to Jul-96	25'	5'	25 46.472	80 06.430	modules	DERM & DERM TXT
SOUTH MIAMI BEACH SITE		Concrete Tetrahedron Pile		20'		25 45.880	80 07.660	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 45.910	80 07.600	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 45.920	80 07.670	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 45.970	80 07.610	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 46.010	80 07.680	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 46.070	80 07.680	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 46.070	80 07.620	tetra	DERM
		Concrete Tetrahedron Pile		20'		25 46.110	80 07.640	tetra	DERM
		Limestone Boulder Pile		20'		25 45.840	80 07.660	boulders	DERM
		Limestone Boulder Pile		20'		25 45.840	80 07.600	boulders	DERM
		Limestone Boulder Pile		20'		25 45.960	80 07.670	boulders	DERM
		Limestone Boulder Pile		20'		25 46.020	80 07.610	boulders	DERM
		"Jose Cuervo Reef"	Concrete Bar & tetrahedrons	May-00	20'	9'	25 46.132	80 07.692	concrete
POM SITE B - SOUTH		120,000 tons limerock boulder	Jun95 - Sept96	45'	10' - 15'	25 45.017	80 05.685	boulders	DERM & DERM TXT
KEY BISCAYNE "SMZ" SITE	"Biscayne"	120' steel hull	Dec-74	60'	8'	25 42.249	80 05.305	ship	DERM*
	"Orion"	118' steel tug	Dec-81	88'	15'	25 41.460	80 05.180	ship	DERM & DEP- GPS
		40' steel house boat	May-82	95'		na	na	barge	DEP-UK
	"Arida"	165' steel hull	Jun-82	88'	12'	na	na	ship	DEP-UK
	"Lakeland"	200' steel ship	Jun-82	135'	25'	25 42.061	80 05.037	ship	DERM, DERM- TXT & MSKAGGS
	"Star Trek"	200' steel ship	Jul-82	210'	32'	25 42.002	80 04.653	ship	DERM, DERM TXT, & DEP-GPS
		50 steel Chevron storage tanks	Jan-83	84'	8'	Moved to near Lakeland		steel	DERM
	"South Seas"	134' steel hull	Feb-83	75'	8'	25 41.989	80 05.229	ship	DERM*
		20 steel concrete mixer drums	Oct-83	84'	8'	Moved to near Lakeland		steel	DERM
	"Proteus"	220' steel hull	Jan-85	72'	18'	25 42.328	80 05.240	ship	RJ DIVING
		100' steel barge	Oct-85	100'	8'	na	na	barge	DEP-UK
	"Belcher Barge"	195' steel barge	Nov-85	58'	10'	25 41.810	80 05.282	barge	DERM TXT, RJ DIVING & DEP- TXT, & MSKAGGS
	"Mystick Isle"	103' steel ferry	May-86	185'	35'	25 42.347	80 04.772	ship	MSKAGGS
		500 tons of concrete bridge	Jul-86	135'	15'	na	na	barge	DEP-UK
	"Lady Frei"	90' sailing schooner	Dec-86	60'	5'	25 41.841	80 05.294	ship	DERM(est)
	"Sheri-Lyn--Bow Section"	235' steel ship	Jun-87	96'	22'	25 42.130	80 05.190	ship	DERM*
	"Sheri-Lyn--Stern Section"	235' steel ship	Jun-87	100'	22'	25 42.145	80 05.164	ship	DERM*
	"Miracles Express"	100' steel ship	Jul-87	64'	6'	25 42.229	80 05.296	ship	DEP-UK
	"Big Lou"	36' steel hull	Mar-89	55'	7'	na	na	ship	DEP-LOR
	"Rio Miami"	105' steel tug	Nov-89	67'	30'	25 42.166	80 05.232	ship	MSKAGGS & DEP GPS
"Belzona One"	85' steel tug	May-90	68'	20'	25 41.752	80 05.219	ship	DERM TXT, DEP- GPS, & RJ	
"Belzona Two"	90' steel tug	Feb-91	60'	15'	25 41.797	80 05.408	ship	RJ DIVING	

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SITE	NAME	DESCRIPTION	DATE	DEPTH	PROFILE	LAT.	LONG.	TYPE	SOURCE
KEY BISCAYNE "SMZ" SITE (continued)	"Belzona Three"	100' steel tug	Jun-91	65'	15'	25 41.750	80 05.241	ship	**AVG. DERM, DERM TXT, DEP- GPS, & RJ
	"Belzona Barge"	215' steel barge	Aug-91	40'	10'	25 41.969	80 05.562	barge	RJ DIVING
	"John Maydak Memorial Reef"	50' and 75' steel tugs	Jul-92	66'	10'	na	na	ship	DERM & DEP- GPS
	"Spirit of Miami"	727 jet	Sep-93	82'	12'	25 41.880	80 05.220	jet	DERM & DERM TXT
	"Schurgar's Barge"	90' steel barge	Oct-96	74'	10'	25 41.822	80 05.220	barge	DERM & DERM TXT
	"SMZ Buoy Reef NW"	10 Modules/ 550 tons boulder	Jun-97	38'	12'	25 42.800	80 05.516	modules	DERM & DERM TXT
	"SMZ Buoy Reef SW"	10 Modules/ 550 tons boulder	Jun-97	38'	12'	25 41.317	80 05.517	modules	DERM, DERM TXT, & DEP-GPS
	"Davey Hurst"	90' steel freighter	Apr-98	265'	18'	25 41.903	80 04.428	ship	DERM
	"Jack Falafian"	80' Steel Tug	May-98		16'	25 42.196	80 04.970	ship	DERM TXT
	"Augie Ferrigno" (Formerly "Rex Bear")	273' Steel Freighter	Jun-98	226'	80'	25 42.482	80 04.633	ship	DERM, DERM TXT & DEP-GPS
	"H.A.V. Parker III Barge"	120' steel barge	Aug-98	70'	8'	25 41.817	80 05.240	barge	DERM TXT, & DEP-DGPS
	"Ultra Quiz Houseboat Barge"	30' steel houseboat	Oct-98	70'	15'	25 41.868	80 05.209	barge	DERM & DERM TXT
	"Gimrock Barges"	195' scow w/ 140' deck barge	Mar-00	165'	24'	25 42.437	80 04.870	barge	DERM
	"Paraiso III"	115' steel freighter	Mar-00	76'	22'	25 42.103	80 05.224	ship	DERM
	"Captain Harry" (formerly "Lady Philomise")	90' steel ship	May-00	370'	20'	25 43.624	80 04.987	ship	DERM
	"Mary Star of the Sea" (1/2)	Portion of 138' steel ship	Dec-00	210'		25 42.548	80 04.509	ship	DERM
	"Mary Star of the Sea" (2/2)	Remainder of 138' steel ship	Dec-00	208'		25 42.345	80 04.705	ship	DERM
	"Spirit of Hemingway"	65' Steel Sailboat Hull	Apr-01	244'	15'	25 42.572	80 04.520	ship	DERM
	"Miss Lucy"	40' Steel Tugboat	May-01	224'	18'	25 41.333	80 04.573	ship	DERM
	"Etoile de Mer"	80' freighter siezed by US Customs	Jul-01	131'		25 41.970	80 04.990	ship	DERM
	"Miguana"	100' freighter siezed by US Customs	Jul-01	138'		25 41.963	80 04.962	ship	DERM
	"Brandy Wine"	135' freighter siezed by US Customs	Jul-01	145'		25 41.990	80 04.952	ship	DERM
	"Watson Island Barge"	80' derelict barge	Oct-01	150'	10'	25 41.453	80 04.930	barge	DERM
R.J. DIVING VENTURES SITE	"Hopper Barge"	150' steel	Jun-81	160'	15'	25 37.146	80 05.004	barge	MSKAGGS TXT, MSKAGGS, & DEP-GPS
	"Ultra Freeze"	195' steel ship	Jul-84	120'	45'	25 37.742	80 05.227	ship	
	"St. Anne D' Auray"	110' steel	Mar-86	68'	28'	25 37.073	80 05.464	ship	RJ DIVING
	"Tarpoon"	165' steel	May-88	50'	5'	25 37.315	80 05.458	ship	TXT, MSKAGGS, DEP-GPS & RJ
	"Sonar Dish"	Derelict Sonar Dish' Pilings	NA	80'		25 35.474	80 05.450	steel	DERM
	"Moby One Barge"	Deck barge		97'	10'	25 37.357	80 05.298	barge	DERM
DADE SPORTFISHING COUNCIL - NORTH SITE	"Railroad"	100' steel barge	Oct-80	163'	11'	na	na	barge	DEP-UK
	"Blue Fire"	175' steel ship	Jan-83	110'	20'	25 33.976	80 05.438	ship	DERM, DEP-GPS, & MSKAGGS
	"Pioneer One"	195' steel ship	Oct-83	215'	30'	na	na	ship	DEP-UK
DADE SPORTFISHING COUNCIL - MIDDLE SITE		40 Steel exhaust stacks; 83 Steel tanks	Dec-83	190'	20'	na	na	steel	DEP-LOR
		43 FP&L steel stacks	Dec-83	190'	20'	na	na	steel	DEP-UK
	"Sir Scott"	267' steel ship	Feb-85	220'	65'	25 31.789	80 05.243	ship	DERM
DADE SPORTFISHING COUNCIL - SOUTH SITE	"Almirante"	200' steel ship	Apr-75	125'	20'	25 24.955	80 07.077	ship	MSKAGGS & RJ DIVING
	"Belcher Barge" (BB120 or Old Belcher)	85' steel barge	Oct-75	120'	10'	25 24.775	80 07.146	barge	RJ DIVING
	"Santa Rita"	200' steel ship	Nov-76	245'	25'	na	na	ship	DEP-UK
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FISH AND GAME UNLIMITED SITE	"Doc De Milly"		287' steel ship	Mar-88	140'	50'	25 22.057	80 07.865	ship	DERM & DERM MSKAGGS
	"Berry Patch"		155' steel ship	Oct-88	150'	24'	25 22.133	80 07.813	ship	DERM & DERM TXT
	"Hugo's April Fool"		115' steel ship	Oct-88	145'	20'	25 22.027	80 07.823	ship	DERM & DERM TXT
	"F-4 Fighter Jets"		Two F-4 Fighter Jets	Dec-91	80'	9'	na	na	jet	DEP-LOR
	"Scott Mason Chaite" (Ocean Freeze)		297' steel ship	Jul-98	240'	90'	25 23.086	80 07.098	ship	DERM, DERM TXT & DEP-GPS
	"Club Wreck"		Approx. 140' steel freighter	Unk.	220'		25 17.794	80 08.994	ship	DERM
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