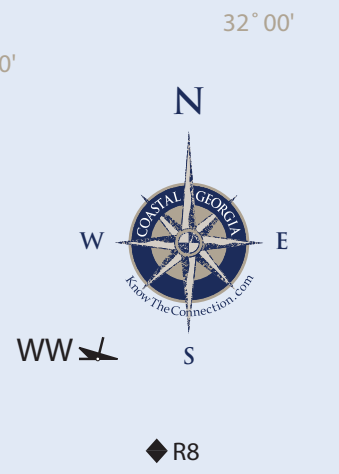


# Georgia Coast



**Georgia's Offshore Artificial Reefs, Gray's Reef, & U.S. Navy Towers**

- Artificial Reef
- USCG Buoy
- Navy Tower
- Gray's Reef Data Buoy

one inch = approximately 10 nautical miles



# GEORGIA OFFSHORE ARTIFICIAL REEFS

updated March 28,2011

	Structure	Heading/Distance				
		from Buoy	LatDD	LatMM.MMM	LonDD	LonMM.MMM
<b>Reef A</b>	Buoy "A"	0	30	55.918	81	16.175
7.0 nm East of Little Cumberland Island	USN Wharf Rubble	078* @ 0.16 nm	30	55.964	81	15.998
	USN Wharf Rubble	098* @ 0.16 nm	30	55.910	81	15.987
	USN Wharf Rubble	129* @ 0.19 nm	30	55.817	81	15.999
	USN Wharf Rubble	176* @ 0.24 nm	30	55.686	81	16.130
	USN Wharf Rubble	104* @ 0.83 nm	30	55.797	81	15.212
	USN Wharf Rubble	105* @ 0.81 nm	30	55.767	81	15.237
	USN Wharf Rubble	108* @ 0.85 nm	30	55.735	81	15.205
	Ga. Power Telephone Poles	050* @ 1.55 nm	30	56.922	81	14.795
	NW Corner of Permitted Reef Area		30	57.400	81	16.300
	NE Corner of Permitted Reef Area		30	57.400	81	13.900
	SW Corner of Permitted Reef Area		30	55.400	81	16.300
	SE Corner of Permitted Reef Area		30	55.400	81	13.900
<b>Reef ALT</b>	Buoy "ALT"	0	31	18.649	81	9.385
6.0 nm East Little St. Simons Island	Concrete Rubble	129* @ 0.19 nm	31	18.542	81	9.195
	Concrete Rubble	135* @ 0.25 nm	31	18.486	81	9.159
	Crew Boat "Mary Lou"	145* @ 0.27 nm	31	18.422	81	9.180
	Pallet Balls	118* @ 1.17nm	31	18.210	81	8.120
	Pallet Balls	102* @ 1.52 nm	31	18.467	81	7.623
	Pallet Balls	143* @ 0.32 nm	31	18.418	81	9.132
	Pallet Balls	164* @ 0.48 nm	31	18.206	81	9.173
	Pallet Balls	131* @ 0.45 nm	31	18.396	81	8.959
	Lanier Bridge Rubble	150* @ 1.16 nm	31	17.750	81	8.612
	Lanier Bridge Rubble	146* @ 1.08 nm	31	17.830	81	8.567
	Lanier Bridge Rubble	140* @ 1.01 nm	31	17.954	81	8.532
	Lanier Bridge Rubble	152* @ 0.91 nm	31	17.898	81	8.777
	100' Deck Barge	103* @ 1.67 nm	31	18.441	81	7.448
	100' Deck Barge	111* @ 1.28 nm	31	18.315	81	7.934
	100' Deck Barge	108* @ 0.46 nm	31	18.208	81	7.970
	NW Corner of Permitted Reef Area		31	18.600	81	9.400
	NE Corner of Permitted Reef Area		31	18.600	81	7.000
	SW Corner of Permitted Reef Area		31	16.600	81	9.400
	SE Corner of Permitted Reef Area		31	16.600	81	7.000
<b>Reef BH</b>	Buoy "BH"	0	31	30.391	81	6.260
2.5 nm East of Blackbeard Island	Concrete Tetrahedrons	010* @ 0.03 nm	31	30.421	81	6.255
	Concrete Tetrahedrons	246* @ 0.02 nm	31	30.383	81	6.274
	Concrete Tetrahedrons	297* @ 0.07 nm	31	30.413	81	6.333
	Concrete Tetrahedrons	338* @ 0.06 nm	31	30.446	81	6.290
	Center of 400 yd diameter Permitted Reef Area		31	30.400	81	6.285
<b>Reef BL</b>	Buoy "BL"	0	31	38.521	81	4.792
3.0 nm East of St. Catherines Island	Concrete Tetrahedrons	062* @ 0.05 nm	31	38.547	81	4.746
	Concrete Tetrahedrons	115* @ 0.05 nm	31	38.503	81	4.732
	Concrete Tetrahedrons	150* @ 0.06 nm	31	38.471	81	4.749
	Concrete Tetrahedrons	218* @ 0.06 nm	31	38.472	81	4.828
	Barge Wreckage	280* @ 0.08 nm	31	38.536	81	4.885
	Center of 400 yd diameter Permitted Reef Area		31	38.521	81	4.793
<b>Reef CAT</b>	Buoy "CAT"	0	31	40.080	80	58.555
7.0 nm East of St. Catherines Island	Pallet Balls	105* @ 0.62 nm	31	39.983	80	57.835
	Pallet Balls	101* @ 0.90 nm	31	39.990	80	57.504
	Pallet Balls	103* @ 1.29 nm	31	39.909	80	57.056
	Pallet Balls	111* @ 1.44 nm	31	39.700	80	56.928
	Pallet Balls	118* @ 1.62 nm	31	39.425	80	56.803
	Concrete Boxes / Pipe	129* @ 0.23 nm	31	39.951	80	58.325
	Concrete Boxes / Pipe	140* @ 0.59 nm	31	39.671	80	58.063
	Concrete Boxes / Pipe	150* @ 0.72 nm	31	39.490	80	58.070
	Concrete Boxes / Pipe	145* @ 1.06 nm	31	39.272	80	57.755
	Pallet Balls	116* @ 1.29nm	31	39.642	80	57.125
	Pallet Balls	124* @ 1.42 nm	31	39.420	80	57.082
	Cone Units	132* @ 1.56 nm	31	39.175	80	57.060
	Cone Units	136* @ 1.58 nm	31	39.074	80	57.127
	Cone Units	109* @ 0.69 nm	31	39.920	80	57.742
	Cone Units	103* @ 0.93 nm	31	39.970	80	57.475
	NW Corner of Permitted Reef Area		31	40.200	80	58.600
	NE Corner of Permitted Reef Area		31	40.200	80	56.200
	SW Corner of Permitted Reef Area		31	38.200	80	58.600
	SE Corner of Permitted Reef Area		31	38.200	80	56.200
<b>Reef CCA-JL</b>	Buoy "CCA-JL"	0	31	43.505	80	41.144
formerly CCA	Deck Barge	189* @ 0.33 nm	31	43.180	80	41.166
22.0 nm East of St. Catherines Island	SMS Warehouse Barge	127* @ 0.50 nm	31	43.220	80	40.638
	Tug "Matt Turecamo"	115* @ 0.88 nm	31	43.200	80	40.170
	Talmadge Bridge Supports	182* @ 0.53 nm	31	42.976	80	41.112
	Talmadge Bridge Supports	193* @ 0.68 nm	31	42.826	80	41.246
	Talmadge Bridge Supports	182* @ 0.79 nm	31	42.712	80	41.089
	Talmadge Bridge Supports	192* @ 0.90 nm	31	42.609	80	41.269

	Talmadge Bridge Supports	184* @ 1.00 nm	31	42.509	80	41.110	
	Structure	Heading/Distance	LatDD	LatMM.MMM	LonDD	LonMM.MMM	
<b>Reef CCA-JL (cont.)</b>	Talmadge Bridge Supports	191* @ 1.13 nm	31	42.384	80	41.267	
	Deck Barge	188* @ 1.47 nm	31	42.039	80	41.241	
	Concrete Pipe	210* @ 1.62 nm	31	41.986	80	41.930	
	NYC Subway Cars	162* @ 0.80 nm	31	42.778	80	40.760	
	NYC Subway Cars	162* @ 0.94 nm	31	42.646	80	40.646	
	NYC Subway Cars	162* @ 0.85 nm	31	42.731	80	40.733	
	195' Hopper Barge	154* @ 1.62 nm	31	42.121	80	40.142	
	130' Deck Barge	214* @ 1.65 nm	31	42.039	80	42.052	
	100' Tug	109* @ 0.63 nm	31	43.361	80	40.420	
	NW Corner of Permitted Reef Area		31	43.700	80	42.300	
	NE Corner of Permitted Reef Area		31	43.700	80	40.000	
	SW Corner of Permitted Reef Area		31	41.700	80	42.300	
	SE Corner of Permitted Reef Area		31	41.700	80	40.000	
	<b>Reef CDH</b> formerly C 13.5 nm East of Cumberland Island	Buoy "CDH"	0	30	50.747	81	9.848
USN Wharf Rubble		009* @ 0.22 nm	30	50.962	81	9.831	
USN Wharf Rubble		118* @ 0.17 nm	30	50.681	81	9.663	
USN Wharf Rubble		171* @ 0.22 nm	30	50.531	81	9.784	
"Esparta" Wreck		295* @ 0.29 nm	30	50.845	81	10.171	
M-60 Battle Tanks		005* @ 0.95 nm	30	51.701	81	9.846	
M-60 Battle Tanks		004* @ 0.97 nm	30	51.714	81	9.864	
105' Tug		035* @ 1.17 nm	30	51.773	81	9.197	
82' Steel Trawler		037* @ 0.79 nm	30	51.424	81	9.378	
48' steel-hull sailboat "Fernandina Wrecks"		329* @ 0.85 nm	30	51.466	81	9.382	
55' steel-hull powerboat "Fernandina Wrecks"		329* @ 0.85 nm	30	51.483	81	9.386	
NW Corner of Permitted Reef Area			30	52.000	81	10.900	
NE Corner of Permitted Reef Area			30	52.000	81	8.500	
SW Corner of Permitted Reef Area			30	50.000	81	10.900	
SE Corner of Permitted Reef Area			30	50.000	81	8.500	
<b>Reef DRH</b> 15.0 nm East of Little St. Simons Island		Buoy "DRH"	0	31	17.896	80	58.889
	Pallet Balls	096* @ 0.60 nm	31	17.868	80	58.815	
	Pallet Balls	100* @ 0.71 nm	31	17.822	80	58.049	
	Pallet Balls	123* @ 0.84 nm	31	17.487	80	58.001	
	R/V "Zapala"	126* @ 0.85 nm	31	17.441	80	58.021	
	Pallet Balls	129* @ 0.86 nm	31	17.422	80	58.043	
	Pallet Balls	140* @ 1.00 nm	31	17.157	80	58.038	
	Pallet Balls	146* @ 1.15 nm	31	16.979	80	58.003	
	Pallet Balls	166* @ 0.37 nm	31	17.522	80	58.733	
	Tug "Rio Caroni"	133* @ 2.13 nm	31	16.370	80	57.058	
	Pallet Balls	140* @ 2.22 nm	31	16.341	80	57.014	
	"John Bird" Wreck	176* @ 0.67 nm	31	17.232	80	58.765	
	110' Tug	035* @ 1.17 nm	31	17.717	80	56.928	
	80' Barge with Cages	152* @ 1.24 nm	31	16.764	80	57.558	
	130' Cargo Vessel	159* @ 1.53 nm	31	16.421	80	57.547	
	Cone Units	102* @ 0.64 nm	31	17.829	80	58.149	
	Subway Cars	157* @ 1.49 nm	31	16.509	80	58.250	
		line of cars heading 322* @ 0.54 nm					
	NW Corner of Permitted Reef Area		31	18.000	80	59.000	
	NE Corner of Permitted Reef Area		31	18.000	80	56.600	
	SW Corner of Permitted Reef Area		31	16.000	80	59.000	
SE Corner of Permitted Reef Area		31	16.000	80	56.600		
<b>Reef DUA</b> 7.0 nm East of Ossabaw Island	Buoy "DUA"	0	31	46.769	80	54.188	
	Pallet Balls	070* @ 1.49 nm	31	47.399	80	52.626	
	Pallet Balls	072* @ 1.71nm	31	47.442	80	52.354	
	Concrete Boxes / Pipe	020* @ 0.65 nm	31	47.397	80	54.000	
	Concrete Boxes / Pipe	052* @ 0.49 nm	31	47.104	80	53.765	
	Concrete Boxes / Pipe	070* @ 0.52 nm	31	46.990	80	53.629	
	Concrete Pipe	089* @ 0.74 nm	31	46.852	80	53.327	
	Concrete Pipe	092* @ 0.29 nm	31	46.785	80	53.850	
	Concrete Pipe	115* @ 0.39 nm	31	46.633	80	53.753	
	Concrete Pipe	111* @ 0.63 nm	31	46.597	80	53.475	
	Concrete Pipe	106* @ 0.87 nm	31	46.606	80	53.178	
	Concrete Pipe	201* @ 0.20 nm	31	46.580	80	54.250	
	40' Deck Barge	073* @ 1.57 nm	31	47.393	80	52.496	
	Concrete Pipe	077* @ 1.54 nm	31	47.282	80	52.477	
	Cone Units	084* @ 1.41 nm	31	47.058	80	52.564	
	Cone Units	084* @ 1.31 nm	31	47.057	80	52.683	
	NW Corner of Permitted Reef Area		31	47.8	80	54.5	
NE Corner of Permitted Reef Area		31	47.8	80	52.1		
SW Corner of Permitted Reef Area		31	45.8	80	54.5		
SE Corner of Permitted Reef Area		31	45.8	80	52.1		
<b>Reef DW</b> 70 nm East of Sapelo Island - not buoyed	Reef DW	0					
	Dump Scow		31	21.525	79	50.403	
	NW Corner of Permitted Reef Area		31	22.800	79	51.100	
	NE Corner of Permitted Reef Area		31	22.800	79	49.800	
	SW Corner of Permitted Reef Area		31	19.800	79	51.100	
	SE Corner of Permitted Reef Area		31	19.800	79	49.800	

	Structure	Heading/Distance	LatDD	LatMM.MMM	LonDD	LonMM.MMM
<b>Reef F</b>	Buoy "F"	0	31	5.937	81	12.808
9.0 nm East of Jekyll Island	Landing Craft	098* @ 0.28 nm	31	5.926	81	12.483
	Landing Craft	095* @ 0.47 nm	31	5.939	81	12.255
	Concrete Rubble	071* @ 0.82nm	31	6.281	81	11.933
	Tire Units	090* @ 0.73nm	31	5.990	81	11.959
	Concrete Rubble	121* @ 0.97nm	31	5.508	81	11.771
	Pallet Balls	142* @ 0.65 nm	31	5.463	81	12.286
	Pallet Balls	189* @ 0.49 nm	31	5.445	81	12.847
	200' Deck Barge	103* @ 1.32 nm	31	5.794	81	11.191
	Lanier Bridge Rubble	147* @ 0.59 nm	31	5.481	81	12.371
	Lanier Bridge Rubble	144* @ 0.55 nm	31	5.523	81	12.373
	Lanier Bridge Rubble	142* @ 0.61 nm	31	5.493	81	12.304
	NW Corner of Permitted Reef Area		31	6.8	81	13.4
	NE Corner of Permitted Reef Area		31	6.8	81	10.5
	SW Corner of Permitted Reef Area		31	4.8	81	13.4
	SE Corner of Permitted Reef Area		31	4.8	81	10.5
<b>Reef HLHA</b>	Buoy "HLHA"	0	30	58.247	80	58.804
formerly G	Tug "Tampa"	145* @ 0.02 nm	30	58.230	80	58.787
23.0 nm East of Little Cumberland Island	Work Boat "Striker"	181* @ 0.05 nm	30	58.198	80	58.800
	Liberty Ship "Nettleton"	030* @ 0.50 nm	30	58.704	80	58.562
	Tug "Recife"	066* @ 0.75 nm	30	58.617	80	58.034
	M-60 Battle Tanks	014* @ 1.13 nm	30	59.361	80	58.603
	M-60 Battle Tanks	015* @ 1.13 nm	30	59.365	80	58.583
	M-60 Battle Tanks	043* @ 1.23 nm	30	59.224	80	57.934
	M-60 Battle Tanks	043* @ 1.23 nm	30	59.215	80	57.923
	Tug "Mac Tide 21"	053* @ 1.80 nm	30	59.269	80	57.153
	195' Hopper Barge	065* @ 1.35 nm	30	58.944	80	57.452
	195' Hopper Barge	076* @ 0.20 nm	30	58.655	80	57.483
	152' Research Vessel	056* @ 1.18 nm	30	59.005	80	57.752
	110' Tug	051* @ 2.00 nm	30	59.678	80	57.153
	45' Sailboat	016* @ 1.18 nm	30	59.414	80	58.568
	95' Tugboat "Kinsale"	092* @ 0.46 nm	30	58.284	80	58.284
	Jax Concrete	073* @ 1.52 nm	30	58.846	80	57.194
	Stevens Cones	075* @ 1.02 nm	30	58.639	80	57.642
	Stevens Cones	075* @ 1.07 nm	30	58.634	80	58.698
	Stevens Cones	075* @ 0.98 nm	30	58.656	80	58.766
	NYCTA Subway Trains Start	023* @ 0.64nm	30	58.865	80	58.601
	NYCTA Subway Trains Middle	line of train cars is	30	59.17	80	58.85
	NYCTA Subway Trains End	.52 nm long @ 333*	30	59.347	80	58.973
	NW Corner of Permitted Reef Area		31	0	80	59.2
	NE Corner of Permitted Reef Area		31	0	80	56.8
	SW Corner of Permitted Reef Area		30	58	80	59.2
	SE Corner of Permitted Reef Area		30	58	80	56.8
<b>Reef JY</b>	Buoy "JY"	0	31	36.110	80	47.470
formerly J	Tug "Elmira"	266* @ 0.18nm	31	36.082	80	47.673
17.5 nm East of St. Catherines Island	Liberty Ship "Daniels" (main)	297* @ 0.26 nm	31	36.207	80	47.750
	Liberty Ship "Daniels" (stern)	315* @ 0.23 nm	31	36.260	80	47.680
	Ferry Boat "Janet"	340* @ 0.21 nm	31	36.298	80	47.575
	Buoy Tender "Sagebrush"	335* @ 0.56 nm	31	36.600	80	47.800
	M-60 Battle Tanks	272* @ 0.71 nm	31	36.036	80	48.295
	M-60 Battle Tanks	266* @ 0.72 nm	31	35.990	80	48.300
	M-60 Battle Tanks	266* @ 0.76 nm	31	35.993	80	48.352
	M-60 Battle Tanks	269* @ 1.08 nm	31	35.987	80	48.728
	M-60 Battle Tanks	266* @ 1.13 nm	31	35.924	80	48.777
	M-60 Battle Tanks	270* @ 1.20 nm	31	35.989	80	48.982
	M-60 Battle Tanks	270* @ 1.31 nm	31	35.987	80	48.996
	M-60 Battle Tanks	272* @ 1.33 nm	31	35.978	80	49.026
	M-60 Battle Tanks	271* @ 1.34 nm	31	35.962	80	49.027
	Tug "Rio Apon"	273* @ 1.62 nm	31	36.180	80	49.364
	195' Hopper Barge	275* @ 0.77 nm	31	36.103	80	48.378
	115' Landing Craft	294* @ 0.79 nm	31	36.35	80	48.35
	Jackie/Judy Tug (Margaret Turecamo)	277* @ 1.19 nm	31	36.128	80	48.871
	corrected 021810 "Jane Yarn"	278* @ 0.22 nm	31	36.114	80	47.725
	NYCTA Subway Cars	To Be Published on or before June 1, 2010.				
	NW Corner of Permitted Reef Area		31	36.7	80	50
	NE Corner of Permitted Reef Area		31	36.7	80	47.3
	SW Corner of Permitted Reef Area		31	34.7	80	50
	SE Corner of Permitted Reef Area		31	34.7	80	47.3
<b>Reef KBY</b>	Buoy "KBY"	0	30	46.590	81	17.309
8.0 nm East of Cumberland Island	USN Wharf Rubble	037* @ 0.28 nm	30	46.829	81	17.140
	USN Wharf Rubble	044* @ 0.55 nm	30	47.016	81	16.907
	USN Wharf Rubble	030* @ 0.50 nm	30	47.041	81	17.066
	USN Wharf Rubble	032* @ 0.50 nm	30	47.066	81	17.131
	USN Wharf Rubble	029* @ 0.58 nm	30	47.120	81	17.042
	USN Wharf Rubble	040* @ 0.70 nm	30	47.166	81	16.846
	USN Wharf Rubble	056* @ 0.75 nm	30	47.092	81	16.647
	USN Wharf Rubble	055* @ 0.85 nm	30	47.163	81	16.636
	USN Wharf Rubble	047* @ 0.81 nm	30	47.197	81	16.686

	USN Wharf Rubble	034* @ 0.78 nm	30	47.273	81	16.865
	Structure	Heading/Distance	LatDD	LatMM.MMM	LonDD	LonMM.MMM
<b>Reef KBY (cont.)</b>	USN Wharf Rubble	045* @ 1.14 nm	30	47.465	81	16.461
	USN Wharf Rubble	050* @ 1.15 nm	30	47.405	81	16.372
	USN Wharf Rubble	070* @ 0.81 nm	30	46.967	81	16.549
	USN Wharf Rubble	061* @ 0.45 nm	30	46.844	81	16.874
	USN Wharf Rubble	073* @ 0.45 nm	30	46.788	81	16.905
	150' Dredge Barge	051* @ 1.35 nm	30	47.54	81	16.192
	90' Section Barge	057* @ 1.36 nm	30	47.443	81	16.081
	NW Corner of Permitted Reef Area		30	48.6	81	17.4
	NE Corner of Permitted Reef Area		30	48.6	81	15
	SW Corner of Permitted Reef Area		30	46.6	81	17.4
	SE Corner of Permitted Reef Area		30	46.6	81	15
<b>Reef KC</b> 9.0 nm Southeast of Wassaw Island	Buoy "KC"	0	31	50.810	80	46.550
	"Honey" Barge	064* @ 0.26 nm	31	50.944	80	46.290
	Deck Barge	100* @ 0.46 nm	31	50.775	80	46.015
	Pallet Balls	305* @ 0.22 nm	31	50.920	80	45.777
	"Motherlode" Barge	178* @ 0.11 nm	31	50.699	80	46.533
	Dump Scow	178* @ 0.31 nm	31	50.502	80	46.507
	Sailboat "Jupiter"	169* @ 0.62 nm	31	50.211	80	46.343
	Pallet Balls	167* @ 0.67 nm	31	50.171	80	46.297
	"Olympics" Barge	170* @ 0.94 nm	31	49.904	80	46.260
	Concrete Pipe	215* @ 0.44 nm	31	50.409	80	46.798
	Concrete Pipe	205* @ 0.75 nm	31	50.086	80	46.842
	Cone Units	060* @ 0.34 nm	31	51.01	80	46.231
	Cone Units	167* @ 0.90 nm	31	49.964	80	46.205
	70' Tug Hull	184* @ 0.60 nm	31	50.213	80	46.515
	SMS Barge	237* @ 0.29 nm	31	50.617	80	46.792
	SMS Barge	256* @ 0.27 nm	31	50.684	80	46.853
	NW Corner of Permitted Reef Area		31	51.2	80	47.7
	NE Corner of Permitted Reef Area		31	51.2	80	45.3
	SW Corner of Permitted Reef Area		31	49.2	80	47.7
	SE Corner of Permitted Reef Area		31	49.2	80	45.3
<b>Reef KTK</b> 7.0 nm East of Blackbeard Island	Buoy "KTK"	0	31	31.164	81	1.362
	Concrete Rubble	088* @ 0.18 nm	31		81	1.152
	Concrete Rubble	163* @ 0.410nm	31	30.792	81	1.175
	Debarking Drums/Rubble	098* @ 0.43 nm	31	31.146	81	0.863
	Barge "Modena"	101* @ 1.05 nm	31	31.061	81	0.132
	M-60 Battle Tanks	108* @ 1.53 nm	31	30.831	80	59.614
	M-60 Battle Tanks	110* @ 1.51 nm	31	30.788	80	59.643
	Debarking Drums/Rubble	128* @ 0.84 nm	31	30.718	81	0.530
	Concrete Pipe	132* @ 1.13 nm	31	30.440	81	0.310
	Concrete Pipe	135* @ 1.15 nm	31	30.431	81	0.317
	Concrete Pipe	143* @ 1.63 nm	31	29.950	80	59.976
	Concrete Pipe	141* @ 1.69 nm	31	29.961	80	59.971
	Pallet Balls	130* @ 1.96 nm	31	29.838	80	59.614
	Pallet Balls	113* @ 1.87 nm	31	29.515	80	59.351
	Pallet Balls	167* @ 0.50 nm	31	30.688	81	1.175
	Pallet Balls	175* @ 1.07 nm	31	30.109	81	1.136
	Pallet Balls	180* @ 1.59 nm	31	29.584	81	1.194
	Pallet Balls	159* @ 1.67 nm	31	29.562	81	0.642
	Pallet Balls	111* @ 1.52 nm	31	30.767	80	59.653
	Pallet Balls	139* @ 1.28 nm	31	30.28	81	0.264
	150' Sapelo Club Barge	133* @ 1.99 nm	31	29.97	80	59.494
	Pallet Balls	0.46 @ 0.95 nm	31	31.014	80	59.876
	COARI Cone Units	120* @ 1.95 nm	31	30.396	80	59.267
NW Corner of Permitted Reef Area		31	31.3	81	1.5	
NE Corner of Permitted Reef Area		31	31.3	80	59.1	
SW Corner of Permitted Reef Area		31	29.3	81	1.5	
SE Corner of Permitted Reef Area		31	29.3	80	59.1	
<b>Reef L</b> 23.0 nm East of Ossabaw Island	Buoy "L"	0	31	45.498	80	36.475
	Dredge "Henry Bacon"	228* @ 0.09 nm	31	45.385	80	36.543
	"Latex" Barge	255* @ 0.20 nm	31	45.379	80	36.700
	"Sayler" Barge	208* @ 0.27 nm	31	45.200	80	36.596
	Tug "Senasqua"	212* @ 0.47 nm	31	45.030	80	36.721
	Tug "Delta Diamond"	178* @ 0.50 nm	31	44.948	80	36.405
	M-60 Battle Tanks	092* @ 0.75 nm	31	45.492	80	35.595
	M-60 Battle Tanks	090* @ 0.80 nm	31	45.515	80	35.539
	M-60 Battle Tanks	105* @ 0.77 nm	31	45.319	80	35.586
	M-60 Battle Tanks	104* @ 0.77 nm	31	45.325	80	35.576
	M-60 Battle Tanks	118* @ 0.83 nm	31	45.133	80	35.573
	M-60 Battle Tanks	128* @ 0.95 nm	31	44.938	80	35.538
	M-60 Battle Tanks	129* @ 0.95 nm	31	44.928	80	35.546
	M-60 Battle Tanks	130* @ 0.96 nm	31	44.902	80	35.553
	Pallet Balls	083* @ 1.32 nm	31	45.721	80	34.960
	Pallet Balls	093* @ 1.30 nm	31	45.504	80	34.942
	Pallet Balls	094* @ 1.38 nm	31	45.492	80	34.858
	NYC Subway Cars	110* @ 0.38 nm	31	45.408	80	36.036
	NYC Subway Cars	112* @ 0.40 nm	31	45.388	80	36.023
	NYC Subway Cars	108* @ 0.42 nm	31	45.411	80	35.988
	100' Tug	162* @ 1.20 nm	31	44.4	80	35.9

	100' Tug	152* @ 1.56 nm	31	44.219	80	35.43
	Structure	Heading/Distance	LatDD	LatMM.MMM	LonDD	LonMM.MMM
<b>Reef L (cont.)</b>	85' Jupiter Tug	195° @ 0.93nm	31	44.598	80	36.649
	65' Steel Vessel	195° @ 0.93nm	31	44.559	80	36.639
	38' Steel Vessel	195° @ 0.93nm	31	44.537	80	36.631
	NW Corner of Permitted Reef Area		31	46	80	37.1
	NE Corner of Permitted Reef Area		31	46	80	34.7
	SW Corner of Permitted Reef Area		31	44	80	37.1
	SE Corner of Permitted Reef Area		31	44	80	34.7
<b>Reef MRV</b> 18.0 nm East of Cumberland Island - not buoyed	Reef MRV					
	Pallet Balls		30	46.310	81	7.172
	Pallet Balls		30	46.255	81	7.091
	Pallet Balls		30	46.295	81	6.757
	Pallet Balls		30	46.591	81	6.248
	Pallet Balls		30	47.104	81	5.798
	Pallet Balls		30	46.829	81	5.803
	Pallet Balls		30	46.511	81	5.759
	Pallet Balls		30	46.102	81	5.800
	NW Corner of Permitted Reef Area		30	47.500	81	7.800
	NE Corner of Permitted Reef Area		30	47.500	81	5.500
SW Corner of Permitted Reef Area		30	45.500	81	7.800	
SE Corner of Permitted Reef Area		30	45.500	81	5.500	
<b>Reef SAV</b> 6.0 nm Southeast of Tybee Island	Buoy "SAV"	0	31	55.261	80	47.209
	Concrete Pipe	144* @ 0.09 nm	31	55.196	80	47.142
	Concrete Pipe	179* @ 0.21 nm	31	55.051	80	47.182
	Concrete Pipe	132* @ 0.37 nm	31	55.042	80	46.863
	Deck Barge	185* @ 0.89 nm	31	54.370	80	47.207
	Deck Barge w/Work Boat	186* @ 0.96 nm	31	54.299	80	47.229
	Concrete Pipe	181* @ 0.91 nm	31	54.352	80	47.113
	Concrete Pipe	183* @ 0.94 nm	31	54.322	80	47.153
	NW Corner of Permitted Reef Area		31	55.4	80	47.6
	NE Corner of Permitted Reef Area		31	55.4	80	45.2
	SW Corner of Permitted Reef Area		31	53.4	80	47.6
SE Corner of Permitted Reef Area		31	53.4	80	45.2	
<b>Reef SFC</b> 18.0 nm East of Little Cumberland Island	Buoy "SFC"	0	31	0.386	81	2.405
	M-60 Battle Tanks	053* @ 0.14 nm	31	0.483	81	2.283
	Pallet Balls	283* @ 0.63 nm	31	0.456	81	3.128
	Pallet Balls	267* @ 0.49 nm	31	0.312	81	2.972
	M-60 Battle Tanks	255* @ 0.43 nm	31	0.240	81	2.874
	M-60 Battle Tanks	254* @ 0.45 nm	31	0.224	81	2.890
	Pallet Balls	245* @ 0.64 nm	31	0.050	81	3.050
	Landing Craft "Optimist"	175* @ 0.47 nm	30	59.928	81	2.308
	Landing Craft "Scalper"	175* @ 0.53 nm	30	59.862	81	2.298
	Ultra Balls	283* @ 0.56 nm	31	0.46	81	3.065
	Ultra Balls / Concrete Pipe	254* @ 0.40 nm	31	0.234	81	2.859
	Lanier Bridge Rubble	177* @ 0.23 nm	31	0.151	81	2.362
	Lanier Bridge Rubble	185* @ 0.23 nm	31	0.153	81	2.398
	Lanier Bridge Rubble	174* @ 0.27 nm	31	0.118	81	2.337
	NW Corner of Permitted Reef Area		31	1.3	81	3.4
	NE Corner of Permitted Reef Area		31	1.3	81	1.4
	SW Corner of Permitted Reef Area		30	59.8	81	3.4
SE Corner of Permitted Reef Area		30	59.8	81	1.4	
<b>Reef TC</b> 3.0 nm East of Cumberland Island	Buoy "TC"	0	30	46.973	81	23.975
	Concrete Tetrahedrons	062* @ 0.05 nm	30	47.004	81	23.923
	Concrete Tetrahedrons	190* @ 0.04 nm	30	46.933	81	23.977
	Concrete Tetrahedrons	322* @ 0.05 nm	30	47.010	81	24.015
	Center of 400 yd diameter Permitted Reef Area		30	46.977	81	23.968
<b>Reef TW</b> 63 nm East of Jekyll Island - not buoyed	Reef TW	0				
	NW Corner of Permitted Reef Area		31	4.800	80	10.000
	NE Corner of Permitted Reef Area		31	4.800	80	7.400
	SW Corner of Permitted Reef Area		31	3.800	80	10.000
	SE Corner of Permitted Reef Area		31	3.800	80	7.400
<b>Reef WW</b> 50 nm Southeast of Wassaw Sound - not buoyed	Reef WW	0				
	Hopper Barge		31	42.878	79	58.577
	Tug "Semarca 40"		31	42.434	79	58.281
	NW Corner of Permitted Reef Area		31	43.500	79	59.300
	NE Corner of Permitted Reef Area		31	43.500	79	55.700
	SW Corner of Permitted Reef Area		31	42.200	79	59.300
SE Corner of Permitted Reef Area		31	42.200	79	55.700	
<b>NAVY TOWERS</b>	Navy Tower "M1R1"		31	3.000	80	27.000
	Navy Tower "M2R6"		31	32.000	80	14.000
	Navy Tower "R2"		31	22.500	80	34.000
	Navy Tower "R3"		31	13.000	80	7.000
	Navy Tower "R4"		30	48.000	80	19.000
	Navy Tower "R5"		30	56.500	80	45.000
	Navy Tower "R7"		31	49.000	80	16.500
	Navy Tower "R8"		31	38.000	79	55.500