

REEFS-02

COUNTY	DEPLOY DATE	REEF NAME	PRIMARY MATERIAL	LORAN1	LORAN2	LATITUDE	LONGITUDE
OKALOOSA	5/30/01	VALPARAISO #7	CONCRETE CULVERTS (109)	N/A	N/A	3008.780	8640.785
OKALOOSA	5/30/01	BOB REAY REEF	SHIP STEEL TUGBOAT 85'	13585.1	47058.5	3008.802	8640.376
OKALOOSA	4/20/01	DESTIN DEEPWATER CONCRETE #2	CONCRETE CULVERTS (116)	13582.3	47058.7	3008.796	8640.684
OKALOOSA	11/29/00	EGLIN REEF #1	SHIP STEEL 74 ' LANDING CRAFT	13770.3	47097.9	3015.917	8623.160
OKALOOSA	6/20/00	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS (18)	N/A	N/A	3008.381	8648.968
OKALOOSA	6/20/00	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS (18)	N/A	N/A	3008.308	8648.959
OKALOOSA	6/15/00	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS (18)	N/A	N/A	3008.375	8649.064
OKALOOSA	6/15/00	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS (27)	N/A	N/A	3008.513	8649.130
OKALOOSA	6/12/00	VALPARAISO 6-A	CONCRETE CULVERTS (30)	N/A	N/A	3008.550	8648.975
OKALOOSA	6/12/00	VALPARAISO 6-B	CONCRETE CULVERTS (30)	N/A	N/A	3008.490	8649.046
OKALOOSA	6/12/00	VALPARAISO 6-C	CONCRETE CULVERTS (30)	N/A	N/A	3008.569	8648.948
OKALOOSA	5/25/00	OKALOOSA COUNTY LAP SITE B	MODULES CONCRETE FISH HAVENS (16)	N/A	N/A	2958.402	8631.241
OKALOOSA	6/23/99	M/V ANGELINA B.	SHIP STEEL 65'	13617.3	47048.3	3007.382	8636.686
OKALOOSA	6/23/99	M/V DEBORAH	SHIP STEEL TUGBOAT 135'	13630.2	47048.5	3007.512	8635.392
OKALOOSA	5/10/99	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS(11)	13623.2	47052.0	3008.047	8636.297
OKALOOSA	5/10/99	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS(14)	13623.2	47052.0	3008.046	8636.305
OKALOOSA	5/10/99	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS(14)	13623.5	47051.8	3008.012	8636.267
OKALOOSA	5/10/99	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS(14)	13623.4	47051.9	3008.033	8636.275
OKALOOSA	5/10/99	OKALOOSA COUNTY LAP SITE C	MODULES CONCRETE FISH HAVENS(15)	13623.2	47051.9	3008.034	8636.301
OKALOOSA	6/10/98	M/V PREWITT	SHIP STEEL TUGBOAT 80'	13779.0	47011.8	3003.689	8618.433
OKALOOSA	5/20/98	LINDBERG CIRCLE REEF 1A	CONCRETE CULVERTS	13810.8	47054.7	3009.902	8617.090
OKALOOSA	5/20/98	LINDBERG CIRCLE REEF 1B	CONCRETE CULVERTS	13812.2	47055.9	3010.090	8617.090
OKALOOSA	5/20/98	LINDBERG CIRCLE REEF 1C	CONCRETE CULVERTS	13813.7	47055.7	3010.070	8616.825
OKALOOSA	5/20/98	LINDBERG CIRCLE REEF 1D	CONCRETE CULVERTS	13814.7	47054.5	3009.092	8617.673
OKALOOSA	5/20/98	LINDBERG CIRCLE REEF 1E	CONCRETE CULVERTS	13812.5	47054.9	3009.965	8616.929
OKALOOSA	5/20/98	WILLIAMS REEF 1A	CONCRETE CULVERTS	13744.8	47058.8	3009.905	8624.037
OKALOOSA	5/20/98	WILLIAMS REEF 1B	CONCRETE CULVERTS	13743.8	47059.8	3010.037	8624.237
OKALOOSA	5/20/98	WILLIAMS REEF 1C	CONCRETE CULVERTS	13746.8	47060.6	3010.199	8623.963
OKALOOSA	5/20/98	WILLIAMS REEF 1D	CONCRETE CULVERTS	13749.3	47060.4	3010.157	8623.705
OKALOOSA	5/20/98	WILLIAMS REEF 1E	CONCRETE CULVERTS	13747.8	47058.0	3009.254	8623.750
OKALOOSA	10/1/97	M/V JANET- FISH HAVEN #6	SHIP STEEL 85'	13770.7	47097.7	3015.750	8623.750
OKALOOSA	3/19/97	MISS LOUISE	SHIP STEEL TUG 95	13776.5	47138.7	3022.286	8625.316
OKALOOSA	10/29/96	DEP FLAP	STEEL PLATFORM	13757.0	47025.0	3005.113	8621.392
OKALOOSA	8/5/96	VALP. #3	CONCRETE CULVERTS	13739.8	47059.0	3009.300	8624.700
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13759.6	47019.9	3004.437	8620.893
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13739.8	47030.0	3005.800	8623.300
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13780.1	47010.1	3003.360	8618.302
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13770.0	47015.0	3003.893	8619.584
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13769.3	47010.1	3003.218	8619.434
OKALOOSA	5/21/96	DEP FLAP NO NAME REEF	CONCRETE CULVERTS	13749.7	47025.1	3005.044	8622.157
OKALOOSA	3/22/96	DEP LAP VALP #2	SHIP STEEL 65'	13738.0	47057.5	3009.810	8624.770
OKALOOSA	6/30/95	TRAINING REEF	MODULES CONCRETE GHETTOS(80)	13721.5	47139.1	3022.219	8629.623
OKALOOSA	6/20/95	DEP LAP VALP #1	MODULES CONCRETE REEFBALLS(40)	13737.8	47058.8	3009.860	8624.790
OKALOOSA	5/22/95	DEP LAP VALP #1	MODULES CONCRETE REEFBALLS(42)	13737.8	47058.8	3008.860	8624.790
OKALOOSA	3/24/95	DEP LAP VALP #1	MODULES CONCRETE REEFBALLS(39)	13737.8	47058.8	3008.860	8624.790
OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #1	ARMY TANK M-60 #1	13662.7	47135.3	3021.600	8635.502
OKALOOSA	12/19/94	DEP FLAP -REEF EX #10	ARMY TANK M-60 #10	13742.0	47053.1	3008.951	8624.181
OKALOOSA	12/19/94	DEP FLAP -REEFEX #11	ARMY TANK M-60 #11	13742.6	47052.8	3008.912	8624.106
OKALOOSA	12/19/94	DEP FLAP -REEFEX #12	ARMY TANK M-60 #12	13750.2	47050.1	3008.590	8623.205
OKALOOSA	12/19/94	DEP FLAP -REEFEX #13	ARMY TANK M-60 #13	13756.6	47047.8	3008.319	8622.444
OKALOOSA	12/19/94	DEP FLAP -REEFEX #14	ARMY TANK M-60 #14	13765.1	47048.0	3008.427	8621.573
OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #2	ARMY TANK M-60 #2	13663.6	47135.6	3021.651	8635.424
OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #3	ARMY TANK M-60 #3	13664.1	47135.6	3021.775	8635.359

REEFS-02

OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #4	ARMY TANK M-60 #4	13664.2	47135.6	3021.790	8635.355
OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #5	ARMY TANK M-60 #5	13667.6	47137.6	3021.993	8635.098
OKALOOSA	12/19/94	COUNTY SITE #1 -REEFEX #6	ARMY TANK M-60 #6	13667.7	47137.7	3022.009	8634.092
OKALOOSA	12/19/94	COUNTY SITE #2 -REEFEX #7	ARMY TANK M-60 #7	13720.2	47134.2	3021.517	8629.690
OKALOOSA	12/19/94	COUNTY SITE #3 -REEFEX #8	ARMY TANK M-60 #8	13762.2	47132.9	3021.222	8625.446
OKALOOSA	12/19/94	COUNTY SITE #3 -REEFEX #9	ARMY TANK M-60 #9	13763.0	47132.9	3021.223	8625.366
OKALOOSA	8/17/93	"B" LEG	MODULES CONCRETE GHETTOS(78)	13771.5	47133.0	3021.293	8624.586
OKALOOSA	8/6/93	"C" LEG	MODULES CONCRETE GHETTOS (86)	13771.9	47134.8	3021.638	8624.439
OKALOOSA	7/28/93	"A" LEG	MODULES CONCRETE GHETTOS (106)	13713.4	47136.0	3021.801	8629.897
OKALOOSA	6/29/92	COUNTY SITE #1	BARGE STEEL	13656.7	47135.7	3021.300	8636.000
OKALOOSA	6/29/92	COUNTY SITE #1	SHIP STEEL TUG	13546.7	47063.3	3009.297	8644.491
OKALOOSA	6/14/91	OKALOOSA COUNTY SITE #8	STEEL STORAGE TANKS	13531.7	47063.7	3009.405	8645.909
OKALOOSA	6/26/90	FISH HAVEN #3	STEEL STORAGE TANKS	13766.4	47130.6	3020.957	8624.824
OKALOOSA	12/31/89	SHANSKY'S REEF	TIRES	13742.3	47052.9	3008.924	8624.142
OKALOOSA	6/28/88	CSX REEF	BOXCARS	13555.0	47065.4	3009.781	8643.621
OKALOOSA	6/17/88	CSX REEF	BOXCARS	13715.3	47132.8	3021.268	8630.045
OKALOOSA	6/9/88	CSX REEF	BOXCARS	13773.1	47131.9	3021.143	8625.054
OKALOOSA	6/3/88	CSX REEF	BOXCARS	13665.0	47135.0	3021.649	8635.155
OKALOOSA	12/1/87	BAY CONES (BAY)	MODULES PLASTIC CONES	13717.4	47152.7	3024.700	8630.680
OKALOOSA	12/31/86	WHITEMAN TUG BOAT	SHIP STEEL TUGBOAT	13501.7	47030.4	3003.692	8647.847
OKALOOSA	12/31/86	WHITEMAN TUG BOAT #2	UK	13417.5	47080.6	3011.921	8658.028
OKALOOSA	12/31/82	OZARK	SHIP STEEL	13602.3	46967.1	2955.000	8634.083
OKALOOSA	6/6/79	COUNTY SITE #8	BARGE STEEL	13544.0	47062.3	3009.121	8644.727
OKALOOSA	12/31/77	COUNTY SITE #3	CONCRETE RUBBLE	13766.0	47135.0	3021.565	8625.147
OKALOOSA	12/31/77	BROWN BARGE -	BARGE STEEL 200'	13666.7	47124.0	3021.374	8635.056
OKALOOSA	12/31/77	COUNTY SITE #2	BARGE STEEL 100'	13720.9	47132.8	3021.000	8630.000
OKALOOSA	12/31/77	COUNTY SITE #2	BRIDGE RUBBLE	13720.4	47131.0	3020.810	8629.637
OKALOOSA	4/17/77	LIBERTY SHIP- THOMAS HAYWARD	SHIP STEEL 360'	13648.1	47115.7	3018.266	8636.237
OKALOOSA	12/31/76	COUNTY SITE #1(POLE SPOT)	CONCRETE RUBBLE	13664.7	47137.7	3022.012	8635.391
OKALOOSA	12/31/76	COUNTY SITE #1(POLE SPOT)	CONCRETE RUBBLE	13664.9	47138.0	3022.064	8635.382
OKALOOSA	12/31/76	COUNTY SITE #1(POLE SPOT)	CONCRETE RUBBLE	13665.6	47138.2	3022.098	8635.319

REEFS-02

DESCRIPTION	DEPTH	RELIEF	GPS
109 CULVERTS TWO SIZES, 5'X8', 2.5'X8", ALL ONE LOCATION	105	5	DGPS
STEEL 85 FOOT TUGBOAT, FORMALLY CALLED THE "BELIZE QUEEN"	112	35	BOTH
116 PIECES, 6.8'X 8' AND 2.3'X 8'	108	8	BOTH
74 FOOT BY 21 FOOT NAVY LANDING CRAFT (LCM-8) FROM EGLIN AIR FORCE BASE	94	22	BOTH
2ND OF 3 DEPLOYMENTS (B) THIS GRANT, 1 1ST OF 2 THIS DATE	134	6	DGPS
3ND OF 3 DEPLOYMENTS (C) THIS GRANT, 2 ND OF 2 THIS DATE	134	6	DGPS
1RST OF 3 DEPLOYMENTS (A) THIS GRANT, ONE THIS DATE	134	6	DGPS
2ND OF 2 DEPLOYMENTS THIS GRANT, TWO DATES & LOCATIONS	134	6	DGPS
2ND OF 3 DEPLOYMENTS THIS GRANT, SAME DATE & 3 LOCATIONS, ALL 4'D X 7'L	130	4	DGPS
3 RD OF 3 DEPLOYMENTS THIS GRANT, SAME DATE & 3 LOCATIONS, ALL 4'D X 7'L	133	4	DGPS
1RST OF 3 DEPLOYMENTS THIS GRANT, SAME DATE & 3 LOCATIONS, ALL 4'D X 7'L	131	4	DGPS
1RST OF 2 DEPLOYMENTS THIS GRANT, TWO DATES & LOCATIONS	244	6	DGPS
M/V "ANGELINA B", IN OKALOOSA LARGE AREA "C"	130	35	DGPS
135 FEET LONG TUGBOAT THE M/V DEBORAH, OKALOOSA FLAP "C" SITE	127	40	DGPS
CENTER OF 11 FISH HAVENS (5-FHT, 6-FH, 0-FHJR), COMPLEX #3 OF 5	118	6	DGPS
CENTER OF 14 FISH HAVENS (4-FHT, 5-FH, 5-FHJR), COMPLEX #2 OF 5	118	6	DGPS
CENTER OF 14 FISH HAVENS (4-FHT, 5-FH, 5-FHJR), COMPLEX #4 OF 5	118	6	DGPS
CENTER OF 14 FISH HAVENS (4-FHT, 5-FH, 5-FHJR), COMPLEX #5 OF 5	118	6	DGPS
CENTER OF 15 FISH HAVENS (5-FHT, 5-FH, 5-FHJR), COMPLEX #1 OF 5	118	6	DGPS
80 FEET LONG TUGBOAT THE M/V PREWITT, DEP FLAP SITE	132	30	GPS
1RST OF 10 DROPS THIS DAY, 5 DROPS THIS REEF DESTIN- LINDBERG 1A	107	6	DGPS
2ND OF 10 DROPS THIS DAY, 5 DROPS THIS REEF DESTIN- LINDBERG 1B	107	6	DGPS
3RD OF 10 DROPS THIS DAY, 5 DROPS THIS REEF DESTIN- LINDBERG 1C	107	6	DGPS
4TH OF 10 DROPS THIS DAY, 5 DROPS THIS REEF DESTIN- LINDBERG 1D	107	6	DGPS
5TH OF 10 DROPS THIS DAY, 5 DROPS THIS REEF DESTIN- LINDBERG 1E	107	6	DGPS
6TH OF 10 DROPS THIS DATE, THIS REEF, VALPARAISO-WILLIAMS 1A	109	6	DGPS
7TH OF 10 DROPS THIS DATE, THIS REEF, VALPARAISO-WILLIAMS 1B	109	6	DGPS
8TH OF 10 DROPS THIS DATE, THIS REEF, VALPARAISO-WILLIAMS 1C	109	6	DGPS
9TH OF 10 DROPS THIS DATE, THIS REEF, VALPARAISO-WILLIAMS 1D	109	6	DGPS
10 4TH OF 10 DROPS THIS DATE, THIS REEF, VALPARAISO-WILLIAMS 1E	109	6	DGPS
85 FOOT TUGBOAT THE "JANET"	93	30	LOR
95 FOOT STEEL TUG BOAT THE "MISS LOUISE"	58	15	DGPS
220 TONS STEEL CONSTRUCTION PLATFORM (LORAN)	140	6	
CONCRETE CULVERT PIPE SECTIONS 9000 SQ. FT., IN DEP FLAP	109	10	LORAN
CONCRETE CULVERTS 3RD OF 6 LOADS ON THIS DATE	140		LORAN
1 1ST OF 6 LOADS, ALSO (#2)749/25.1, (#3)795.6/019.9, 200 TONS TOTAL	137	6	LORAN
CONCRETE CULVERTS 5TH OF 6 LOADS THIS DATE	140		LORAN
CONCRETE CULVERTS 4TH OF 6 LOADS THIS DATE	140		LORAN
6 4TH LOAD OF 6, ALSO (#4)370.0/015.0, (#5)780.1/010.1	140	6	LORAN
CONCRETE CULVERTS 2ND OF 6 LOADS THIS DATE	140		LORAN
65 FEET LONG STEEL HULL, MIXER DRUMS AND CONCRETE CULVERTS	105	9	GPS
MATERIAL IN LINE EAST/WEST TO 13721.5/47139.5 (750 FEET LONG)	60	5	LOR
3 RD OF 3 LOADS OF PALLET REEF BALLS	105	4	GPS
2 ND OF 3 LOADS, 42 PALLET BALLS	105	5	GPS
1 1ST OF 3 LOADS, 39 PALLET BALLS	105	5	GPS
REEF-EX TANK #1 -DESTIN	70	12	LOR
REEF-EX TANK #10-DESTIN	110	12	LOR
REEF-EX TANK #11-DESTIN	110	12	LOR
REEF-EX TANK #12-DESTIN	110	12	LOR
REEF-EX TANK #13-DESTIN	110	12	LOR
REEF-EX TANK #14-DESTIN	110	12	LOR
REEF-EX TANK #2 -DESTIN	70	12	LOR
REEF-EX TANK #3 -DESTIN	70	12	DGPS

REEFS-02

REEF-EX TANK #4 -DESTIN	70	12	DGPS
REEF-EX TANK #5 -DESTIN	60	12	LOR
REEF-EX TANK #6 -DESTIN	60	12	LOR
REEF-EX TANK #7 -DESTIN	65	12	DGPS
REEF-EX TANK #8 -DESTIN	66	12	LOR
REEF-EX TANK #9 -DESTIN	66	12	LOR
EAST/WEST CHAIN OF 24 SITES ROUGHLY 200' APART-COORDINATES FOR CENTER.	65	5	GPS
SE/NW CHAIN 13 SITES ROUGHLY 200' APART-COORDINATES FOR CENTER.	65	5	GPS
EAST/WEST CHAIN OF 28 SITES ROUGHLY 200' APART-COORDINATES FOR CENTER.	65	5	GPS
STEEL BARGE WITH 22 STEEL STORAGE TANKS ,FBIP-C-7519, 1 OF 2 LOADS	76	20	LORAN
TUGBOAT "ZUESS", 2ND OF T 2 LOADS	110	20	LORAN
38 STEEL STORAGE TANKS.	106		LORAN
44 STEEL STORAGE TANKS.	68	8	LORAN
3 STEEL CAGES FILLED WITH TIRES & CONCRETE			LORAN
4 SURPLUS BOXCARS.	105		LORAN
4 SURPLUS BOXCARS.	100		LORAN
4 SURPLUS BOXCARS.	69	12	GPS
4 SURPLUS BOXCARS.	80		LORAN
12 PREFAB PLASTIC RESIN CONES LOCATED IN CHOCTAWHATCHEE BAY.	25	11	LORAN
STEEL TUG BOAT CALLED THE "WHITEMAN TUG BOAT"			LORAN
UNKNOWN			LORAN
TARGET SHIP	180		LORAN
STEEL BARGE CALLED "BURGESS BARGE" OR 18's TEENS REEF	118		LORAN
CONCRETE, TIRES , APPLIANCES, PVC PIPE TREES	65		LORAN
200 FOOT BARGE, ALSO KNOWN AS "FT. WALTON BARGE"	80	12	LORAN
100 FOOT BARGE THE "EGLIN" BARGE	72		LORAN
SEVERAL PILES OF CONCRETE RUBBLE FROM OLD DESTIN BRIDGE	73		GPS
LIBERTY SHIP CALLED THE "THOMAS HAYWARD"	90	25	LORAN
PIER RUBBLE CALLED POLE SPOT	75		LORAN
PIER RUBBLE CALLED THE POLE SPOT	75		LORAN
PIER RUBBLE CALLED THE POLE SPOT	75		LORAN