COUNTY	DEPLOY DATE		PRIMARY MATERIAL	LORAN1	LORAN2	LATITUDE	LONGITUDE
MANATEE	6/22/01	3 MILE SOUTH REEF, SITE 'D'-01-10	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.650	8244.850
MANATEE	6/22/01	3 MILE SOUTH REEF, SITE 'D'-01-12	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.595	8244.851
MANATEE	6/22/01	3 MILE SOUTH REEF, SITE 'D'-01-13	MODULES CONCRETE REEFBALLS(40)	N/A	N/A	2726.506	8244.858
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-4	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.470	8244.876
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-5	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.498	8244.908
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-6	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.551	8244.908
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-7	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.589	8244.912
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-8	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.625	8244.912
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-9	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.656	8244.909
MANATEE	6/21/01	3 MILE SOUTH REEF, SITE 'D'-01-11	MODULES CONCRETE REEFBALLS(36)	N/A	N/A	2726.624	8244.847
MANATEE	6/14/01	3 MILE SOUTH REEF, SITE 'D'-01-1	MODULES CONCRETE REEFBALLS(20)	N/A	N/A	2726.632	8244.799
MANATEE	6/14/01	3 MILE SOUTH REEF, SITE 'D'-01-2	MODULES CONCRETE REEFBALLS(40)	N/A	N/A	2726.353	8244.796
MANATEE	6/14/01	3 MILE SOUTH REEF, SITE 'D'-01-3	MODULES CONCRETE REEFBALLS(50)	N/A	N/A	2726.478	8244.796
MANATEE	7/7/00	3 MILE SOUTH REEF, SITE 'C'-00-07	STEEL BARGE	N/A	N/A	2726.633	8249.195
MANATEE	7/7/00	3 MILE SOUTH REEF, SITE 'C'-00-06	CONCRETE LIGHT POLES (20)	N/A	N/A	2726.646	8249.206
MANATEE	7/6/00	3 MILE SOUTH REEF, SITE 'C'-00-05	CONCRETE LIGHT POLES (20)	N/A	N/A	2726.487	8249.196
MANATEE	7/5/00	3 MILE SOUTH REEF, SITE 'C'-00-04A	MODULES CONCRETE REEFBALLS (25)	N/A	N/A	2726.552	8249.185
MANATEE	7/5/00	3 MILE SOUTH REEF, SITE 'C'-00-04A	MODULES CONCRETE REEFBALLS (25)	N/A	N/A	2726.550	8249.197
MANATEE	6/29/00	3 MILE SOUTH REEF, SITE 'C'-00-04	CONCRETE LIGHT POLES (24)	N/A	N/A	2726.494	8249.126
MANATEE	6/23/00	3 MILE SOUTH REEF, SITE 'C'-00-03	CONCRETE CULVERTS (30)	N/A	N/A	2726.593	8249.132
MANATEE	6/22/00	3 MILE SOUTH REEF, SITE 'C'-00-02	CONCRETE BRIDGE BEAMS (10)	N/A	N/A	2726.678	8249.137
MANATEE	6/14/00	3 MILE SOUTH REEF, SITE 'C'-00-01	CONCRETE BRIDGE BEAMS (40)	N/A	N/A	2726.687	8249.265
MANATEE	11/19/99	3 MILE SOUTH REEF, SITE D	CONCRETE LIGHT POLES	N/A	N/A	2726.510	8244.890
MANATEE	6/11/99	3 MILE SOUTH REEF, SITE D	CONCRETE LIGHT POLES	14171.3	44554.9	2726.650	8244.890
MANATEE	6/11/99	3 MILE SOUTH REEF, SITE D	CONCRETE LIGHT POLES	N/A	N/A	2726.640	8244.890
MANATEE	6/10/99	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS (120)	14171.2	L	2726.600	8244.880
MANATEE	6/10/99	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS (120)	14171.1	44554.3	2726.570	8244.890
MANATEE	6/8/99	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS (100)	14170.9		2726.480	8244.900
MANATEE	2/9/99	3 MILE SOUTH REEF, SITE D	CONCRETE PANELS	N/A	N/A	2726.630	8244.810
MANATEE	6/23/98	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS	14172.1	44554.4		8244.820
MANATEE	6/22/98	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS	14172.1	44555.0	2726.490	8244.840
MANATEE	6/22/98	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS  CONCRETE CULVERTS	14172.1	44555.4	2726.490	8244.840
MANATEE	6/19/98	3 MILE SOUTH REEF, SITE D	CONCRETE CULVERTS	14171.9	44554.6	2726.510	8244.810
MANATEE	4/3/97	SOUTH 3 MILE REEF	CONCRETE COLVERTS  CONCRETE PILINGS	14171.9		2726.510	8244.860
MANATEE	3/27/97	SOUTH 3 MILE REEF	CONCRETE FILINGS  CONCRETE PILINGS	14171.1		2726.590	8244.860
MANATEE	3/20/97	SOUTH 3 MILE REEF	CONCRETE PILINGS  CONCRETE PILINGS	14171.1	44554.3	2726.530	8244.860
MANATEE	3/19/97						
		SOUTH 3 MILE REEF	CONCRETE PILINGS	14171.1		2726.530	8244.860
MANATEE MANATEE	3/17/97 3/5/97	SOUTH 3 MILE REEF	CONCRETE PILINGS	14171.1		2726.610 2726.530	8244.800
		SOUTH 3 MILE REEF	CONCRETE PILINGS	14171.1			8244.860
MANATEE	12/31/93	NEAR SHORE REEF	BRIDGE SPANS	14178.0		2726.981	8241.816
MANATEE	11/12/92	1 MILE REEF	CONCRETE CULVERTS	14179.3		2729.500	8244.000
MANATEE	12/22/90	3 MILE REEF	CONCRETE CULVERTS	14172.0		2726.753	8244.785
MANATEE	6/27/89	7 MILE REEF	CONCRETE CULVERTS	14162.4	44590.5	2726.703	8249.165
MANATEE	6/20/89	3 MILE REEF (D REEF)	CONCRETE CULVERTS	14172.0		2726.753	8244.785
MANATEE	3/20/87	3 MILE REEF (B REEF)	FIBERGLASS BOAT MOLDS	14175.8	44594.0	2729.960	8247.040
MANATEE	12/19/85	MISENER BARGE	BARGE STEEL 100	14175.2	44642.3	2732.678	8250.706
MANATEE	12/31/76	3 MILE REEFS	TIRES	14175.8	L		8247.000
MANATEE	12/31/76	7 MILE REEF	TIRES	14162.4		2726.703	8249.165
MANATEE	12/31/76	7 MILE REEF	TIRES	14169.0	L	2732.216	8252.700
MANATEE	12/31/76	1 MILE REEF	BRIDGE MATERIAL	14179.3		2729.059	8244.119
MANATEE	12/31/76	3 MILE REEF	CONCRETE CULVERTS	14172.0	44555.0	2726.753	8244.785

DESCRIPTION	DEPTH	RELIEF	GPS
20 REEF BALLS-BAY BALLS, 10 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 12 OF 13 DROPS THIS GRANT	31	2	DGPS
40 REEF BALLS-BAY BALLS, 13 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 4 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 5 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 6 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 7 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 8 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 9 OF 13 DROPS THIS GRANT	31	2	DGPS
36 REEF BALLS-BAY BALLS,11 OF 13 DROPS THIS GRANT	31	2	DGPS
20 REEF BALLS-BAY BALLS, 1 OF 13 DROPS THIS GRANT	31	2	DGPS
40 REEF BALLS-BAY BALLS, 2 OF 13 DROPS THIS GRANT	31	2	DGPS
50 REEF BALLS-BAY BALLS, 3 OF 13 DROPS THIS GRANT	31	2	DGPS
30'X110'X7'H BARGE WITH (8) 8'DIA X 10'H STEEL DRUMS ATTACHED	41	17	DGPS
20 PIECES , 1.5'X1.5'X25' POLES , NON-GRANT	41	6	DGPS
1.5'X1.5'X25' POLES AND 3'X1'X15' BRIDGE STRUCTURES, NON-GRANT	41	10	DGPS
25 BAY BALLS SITE 00-04A, 5TH OF 6 DEPLOYMENTS THIS GRANT	41	2	DGPS
25 BAY BALLS SITE 00-04A, 6TH OF 6 DEPLOYMENTS THIS GRANT	41	2	DGPS
24 LIGHT POLES STACKED UP 50'X20'X10' LINCOLN LOGS, 4TH OF 6 DEPLOYMENTS	41	10	DGPS
CULVERT AND CONCRETE LIGHT POLES, 3RD OF 6 DEPLOYMENTS THIS GRANT	41	8	DGPS
BRIDGE BEAMS AND CULVERTS, 2ND OF 6 DEPLOYMENTS THIS GRANT	41	8	DGPS
40 LARGE CONCRETE BEAMS FROM A BRIDGE, 1 OF 6 DEPLOYMENTS THIS GRANT	41	10	DGPS
CONCRETE LIGHT POLES, NON GRANT PROJECT	30		DGPS
4TH OF 5 DROPS THIS GRANT, 3 DAYS	30	12	DGPS
5TH OF FIVE LOADS	30		DGPS
3RD OF 5 DROPS THIS GRANT, 3 DAYS	30	10	DGPS
2ND OF 5 DROPS THIS GRANT, 3 DAYS	30	12	DGPS
1RST OF 5 DROPS THIS GRANT, 3 DAYS	30	10	DGPS
CONCRETE SLABS AND PANELS, NOT A GRANT PROJECT	30		DGPS
FOURTH OF 4 DROPS, LAST THIS DAY	30	6	DGPS
SECOND OF 4 DROPS, FIRST THIS DAY	30	6	DGPS
THIRD OF 4 DROPS, SECOND THIS DAY	30	6	DGPS
FIRST OF 4 DROPS, SEPARATE DAY, 100 TONS	30	6	DGPS
5TH OF FIVE LOADS	30		
4TH OF FIVE LOADS	30		DGPS
3RD OF FIVE LOADS	30		
2ND OF FIVE LOADS	30		
1RST OF FIVE LOADS	30		DGPS
SIX LOADS TOTAL THIS GRANT	30		
SKYWAY BRIDGE MATERIALS	16	5	DGPS
1000 TONS OF CONCRETE CULVERTS, BRIDGE SPANS	27	10	GPS
300 TONS OF CONCRETE CULVERTS.	30		LORAN
375 TONS OF CONCRETE CULVERTS, FIVE LOADS, ALSO ON 6/21/89	40		LORAN
225 TONS OF CONCRETE CULVERTS, THREE LOADS.	25		LORAN
1100 CUBIC YARDS OF BOAT MOLDS-CONCRETE RUBBLE-AND SOLID RUBBER TIRES.	30	10	GPS
100 X 35 X 8 FOOT BARGE ACCIDENTALLY SUNK BY MISENER MARINE	25	8	LORAN
TIRES, CONCRETE RUBBLE & TILES	30		LORAN
TIRES, CONCRETE RUBBLE AND CULVERTS	40		LORAN
TIRES, CONCRETE RUBBLE	40		LORAN
SKYWAY BRIDGE MATERIALS & METAL PIPES	21		LORAN
525 TONS OF CONCRETE CULVERTS	25		LORAN