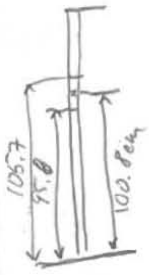
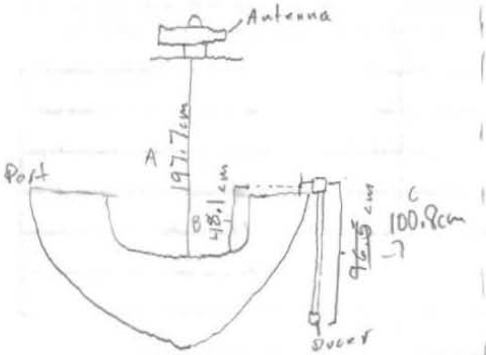
Appendix B

Survey Field Notes

General Information		
Date:	1/23/08	Weather Notes:
Julian Day:	023	clouds, fog ~ 50F
Mapping Project:	MRGO ES^	Wind NE 10-15
Estimated Location:	MRGO SE LA	Sea chop
Boat:	Louisiana State	
Crew/Affiliation:	Dave Dotter	
	Dallon Weathers	
	Jeff Mathi	
Boat Information		
Receiver Make/Model #:	Thales Z-Max	
Receiver S/N #:		
Antenna Model #:	Thales choke ring ND 701945 Rev E	
Antenna S/N #:		
**Antenna Height:	2.146 m	
Fathometer Make/Model:	Odom Hydrotrac	
Power Setting	Med	
Gain Setting	75%	
TVG Setting		
Speed of Sound Setting	1500	
*Bar Check	0.13 m	
Planned Line File Used:	mrgo01.lnw	
Planned Line File Used:		
Base used for Surveying:	REGG10 2	
Base Station Information		
Base Location:	Reggio LA	
Base Site Name:	REG2	
Receiver Make/Model #:	Thales Z-max	
Receiver S/N #:		
Antenna Make/Model #:	Thales choke ring ND	701945 Rev E
Antenna S/N #:		
Tripod Height:	2m	
Base Overnight?	No	

Lines Surveyed		
001_0946		023_1339 beam chop
002_0955		024_1345
003_1005		025_1353 beam chop
004_1009		026_1359
005_1033		027_1404 beam chop
006_1037	off line - scrap - redo	Rough on E side of 1001.0
006_1040		028_1411 beam chop
007_		029_1415
008_1149	about - redo	030_1421
008_1153		031_1427 beam chop
009_1159	stop line boat traffic	032_1432
009_1204		033_1437 off line - redo
010_1207		033_1441
011_1212		034_1447
012_1219		035_1452
013_1224		036_1458
014_1231	engine kill - redo	037_1503
014_1234		038_1509 beam chop
015_1240		039_1517
016_1248		040_1522 beam chop
017_1254	400m off line due to anchored rock barge, boat wake -	1001 scrap
		1001A
018_1302		
019_1307		
020_1315		
021_1327	beam chop	
022_1333	beam chop	





105.7
95.8
9.9
÷ 2
4.95 + 95.8 = 100.8cm

Antenna to transducer = ~~246.1cm~~ 250.41
A-B+C = 2.50m



Note: Need to find H/R/P of keel



~~105.7~~
95.8
9.9cm
÷ 2
4.95

9.9 | 1 1
95.8 | 4.95 4.95
105.7 | 9.90

General Information		
Date:	1/26/2008	Weather Notes:
Julian Day:	026	Clouds, 45°F
Mapping Project:	MRGO ES2	Wind NE 5-10
Estimated Location:	MRGO & Inc Canal	→ Fog & Rain after 11a.
Boat:	Louisiana State	Chap.
Crew/Affiliation:	Dave Dartez	
	Dallon Weathers	
	Jeff Mottl	

Boat Information		
Receiver Make/Model #:	Thales Z-Max	
Receiver S/N #:		
Antenna Model # :	Thales choke Ring NO 701945 Rev E	
Antenna S/N #:		
**Antenna Height:	2.461m	
Fathometer Make/Model:	Odom Hydrotrac	
Power Setting	Med	
Gain Setting	25 %	
TVG Setting		
Speed of Sound Setting	1500 m/s	
*Bar Check	0.12 m	
Planned Line File Used:	mrgocan.lnw	
Planned Line File Used:		
Base used for Surveying:	Michoud (Stennis)	
Base Station Information		
Base Location:	NASA	
Base Site Name:	NASA	
Receiver Make/Model #:	Thales Z-Max	
Receiver S/N #:		
Antenna Make/Model # :	Thales choke ring NO	701945 Rev E
Antenna S/N #:		
Tripod Height:	1.5m	
Base Overnight?	NO	

Lines Surveyed		1149-1028
172-0822 P		1148-1033
171-0827		1147-1038
172-0832 [170]		1146-1043
169-0836		1145-1049 (P)
168-0841		1144-1054
167-0844		143-1100
166-0848		142-1106
165-0851		141-111
164-0856 P		140-1116
GPS Seas. B		139-1122
163-900		138-1127
GPS Seas C	Dry dock & metal overhead	137-1134
162-0911		136-1141
161-0915		135-1146
160-0918		134-1152
159-0922		133-1158
158-0926		132-
157-0932	metal overhead HT lines	131-1212
156-0943	Bad depth-redo	130-1219
156-0947	Bad depth-redo	129-1224
156-0948	dirty e #12m	128-1228
155-0955	60m E of line due 2 barges	127-1233
154-1001		126-1241 end line traffic
153-1007 P		126-1245
152-1013	40m E of line due 2 tugs	125-1250 (P)
151-1018		124-1257
150-1022		123-
		122-1310
		121-1320
		120-1326 Bayou Bienvenu gates
		119-1333
		118-1339
		117-1345 off line - redo
		117-1347
		116-1355
		115-1403 (P)
		114-1409
		113-1416
		112-1423
		111-1430
		101-1435
		1001B @ 1440
		New GPS Season @ Bridge 'F'
		1001C
		1001D → 1001E

General Information		
Date:	1/27/08	Weather Notes:
Julian Day:	027	Overcast
Mapping Project:	MRGO Eg²	wind NE 5-10
Estimated Location:	Point Shell Beach	50°F, calm sea
Boat:	Louisiana Stetter	
Crew/Affiliation:	Dave Dotter	
	Dallon Weathers	
	Jeff Mottl	

Boat Information		
Receiver Make/Model #	Thales Z-Max	
Receiver S/N #		
Antenna Model # :	Thales choke ring ND	7019415 R.O.E
Antenna S/N #:		
**Antenna Height:	2.416 m	
Fathometer Make/Model:	Odom Hydrotrac	
Power Setting	med	
Gain Setting	75%	
TVG Setting		
Speed of Sound Setting	1500 m/s	
*Bar Check	0.13 m (12.6) cm	
Planned Line File Used:	mrgo4.lnw	
Planned Line File Used:		
Base used for Surveying:	Reggio & Michaud	
Base Station Information		
Base Location:		
Base Site Name:	REG2, NASA	
Receiver Make/Model #:	Thales Z-max	
Receiver S/N #:		
Antenna Make/Model # :	Thales choke ring ND	7019415 R.O.E
Antenna S/N #:		
Tripod Height:	Reg-2.0m NASA 1.5m	
Base Overnight?	NO NO	

Lines Surveyed		
041.0755		066-1045
042.0801		067-1051
043.0806		068-1055
044-0814	△ for high PWD	069-1101
045.0820		070-1106
046.0828		071-1111
047.0835		072-1115
048-0841		073-1120
049-0847		074-1126
050.0856		075-1133
051-0902		1076-1136 abort-barge redo
052.0910		076-1141
053.0916		077-1145
054-0922		078-1152
055.0929		1079-1156 start deep VA QX
056-0936		080-1201
057.0943		081-1205
058-0950		082-1209
059-0957		083-
060.1003 redo		084-1219
060-1009		085 1224
061-1016		086-1229
062-		087-1234
063-1023		088-1238
064-1029		089-1242
065-1035		090-1246
066-1042 redo		091-1251
		092-1256
		093-1302
		094-1307
		095-1313
		096-1318
		097-1323
		098-1330
		099-1336
		100-1341 0-2 heavy, trouble lock bottom redo
		100-1347 -
		100-1349
		101-1355 noise @ end of line
		102-1402
		103-1409
		104-1416
		105-1423 2m heavy redo
		105-1428
		106-1435
		107-1442
		← 108-1449

Possible GPS glitch @ 99 => tug wake
30m W of line 69 due à crab Pots
tug & barge - line 57
50 to 51 diff. trace btm

109-1455
100F end survey