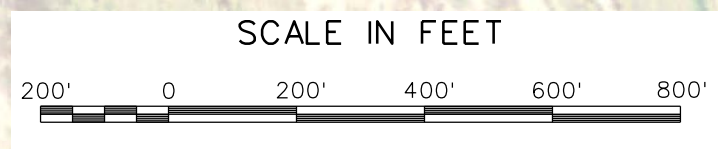


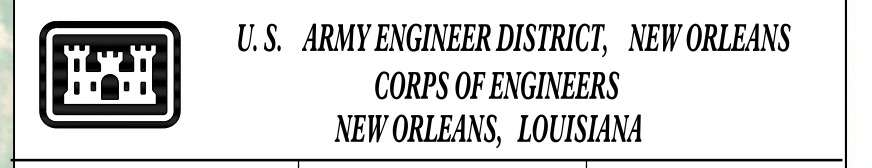
NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 26 JUN 2002
 SURVEY CONDITION: CALM



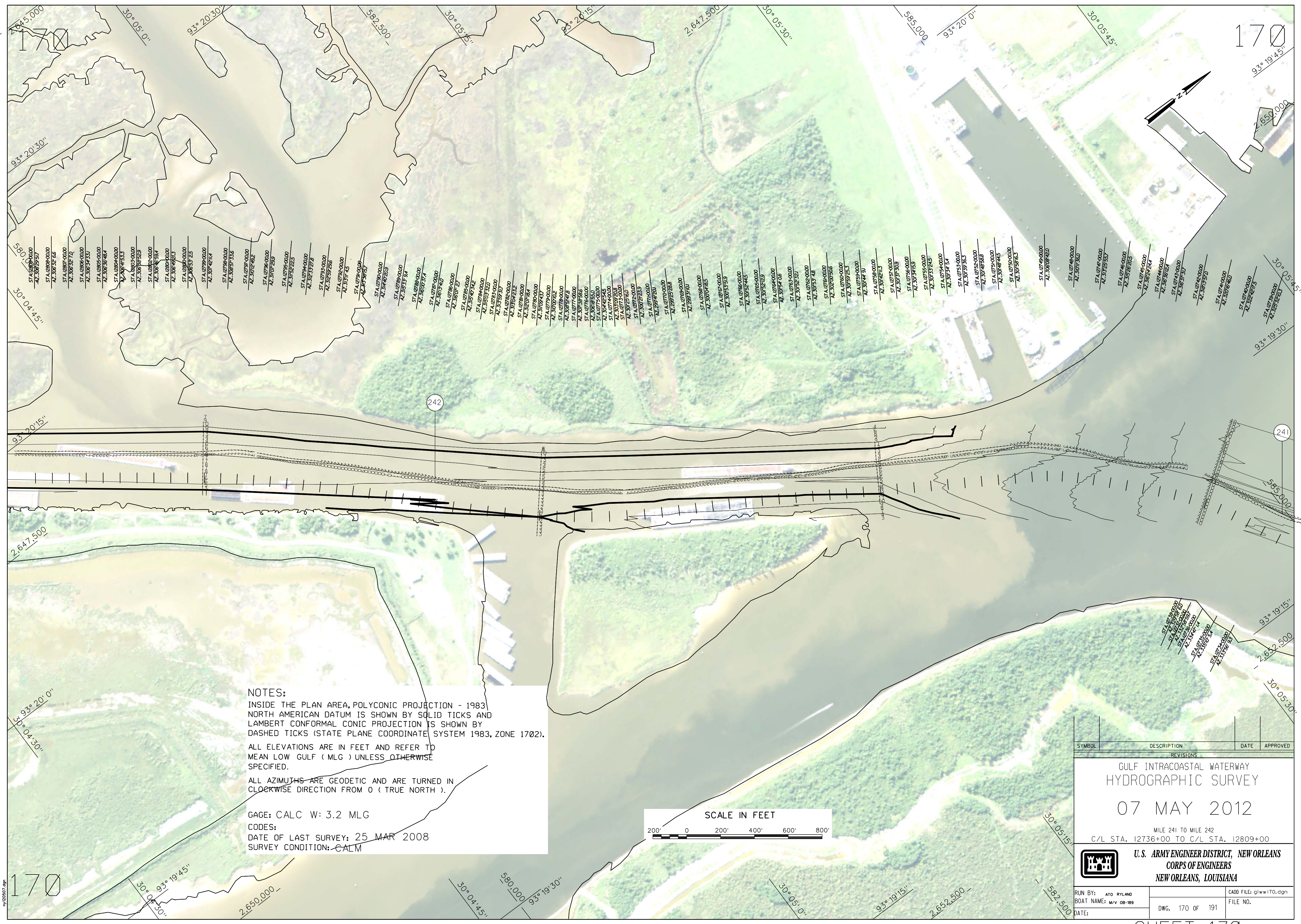
SYMBOL	DESCRIPTION	DATE	APPROVED	REVISIONS	
				NO.	DESCRIPTION

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 MILE 240 TO MILE 241
 C/L STA. 12642+00 TO C/L STA. 12735+00

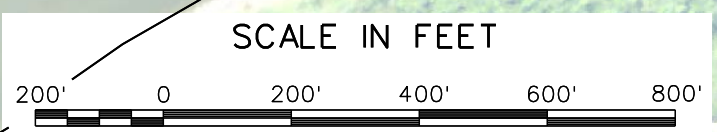
07 MAY 2012



RUN BY: ATO RYLAND	CADD FILE: g1w169.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 169 OF 191




NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 25 MAR 2008
 SURVEY CONDITION: CALM

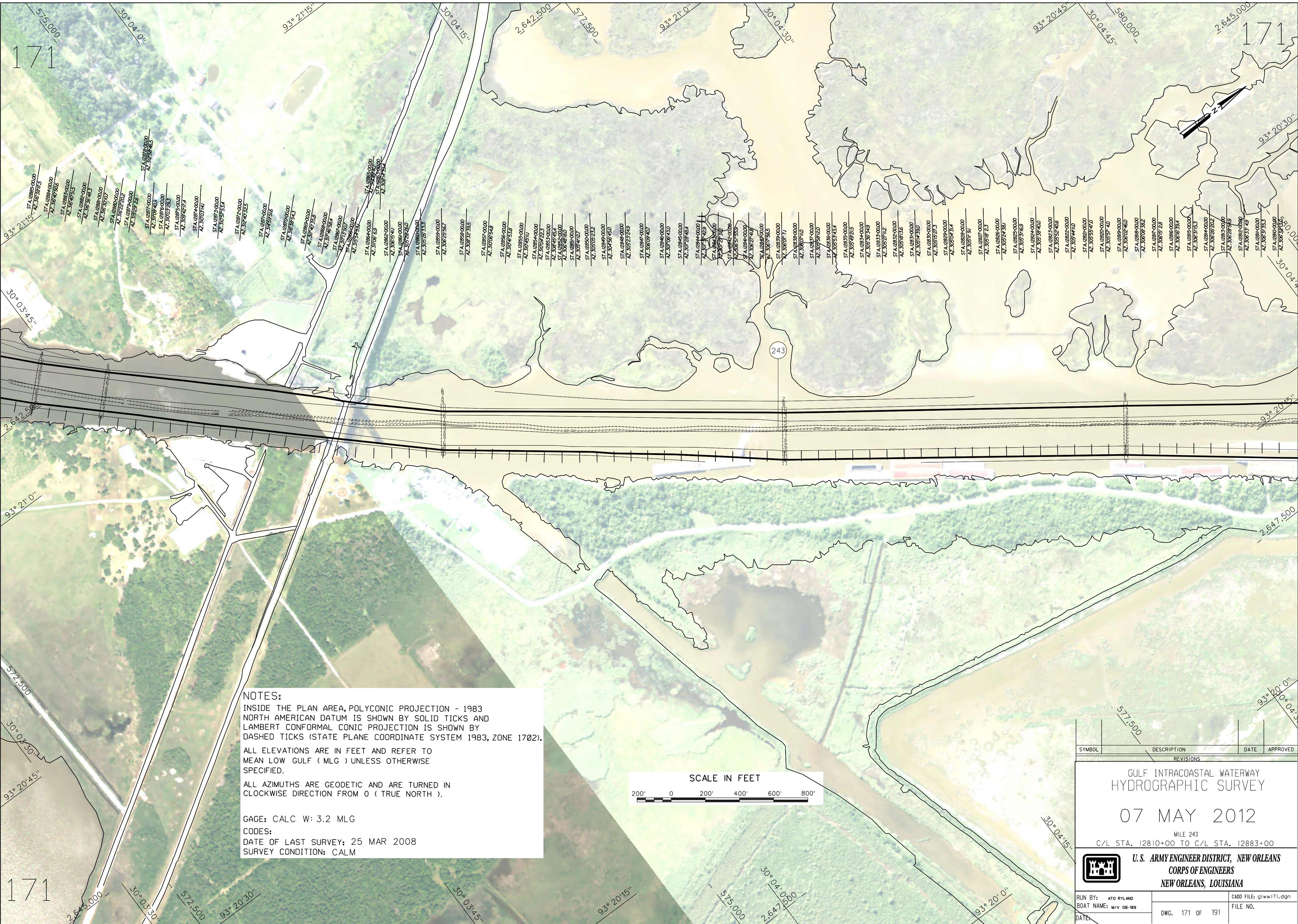


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

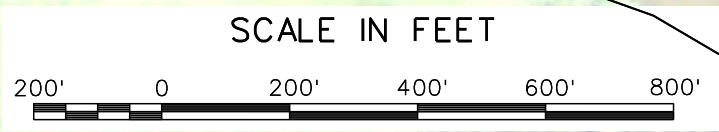
**GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY**
 07 MAY 2012
 MILE 241 TO MILE 242
 C/L STA. 12736+00 TO C/L STA. 12809+00


**U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA**

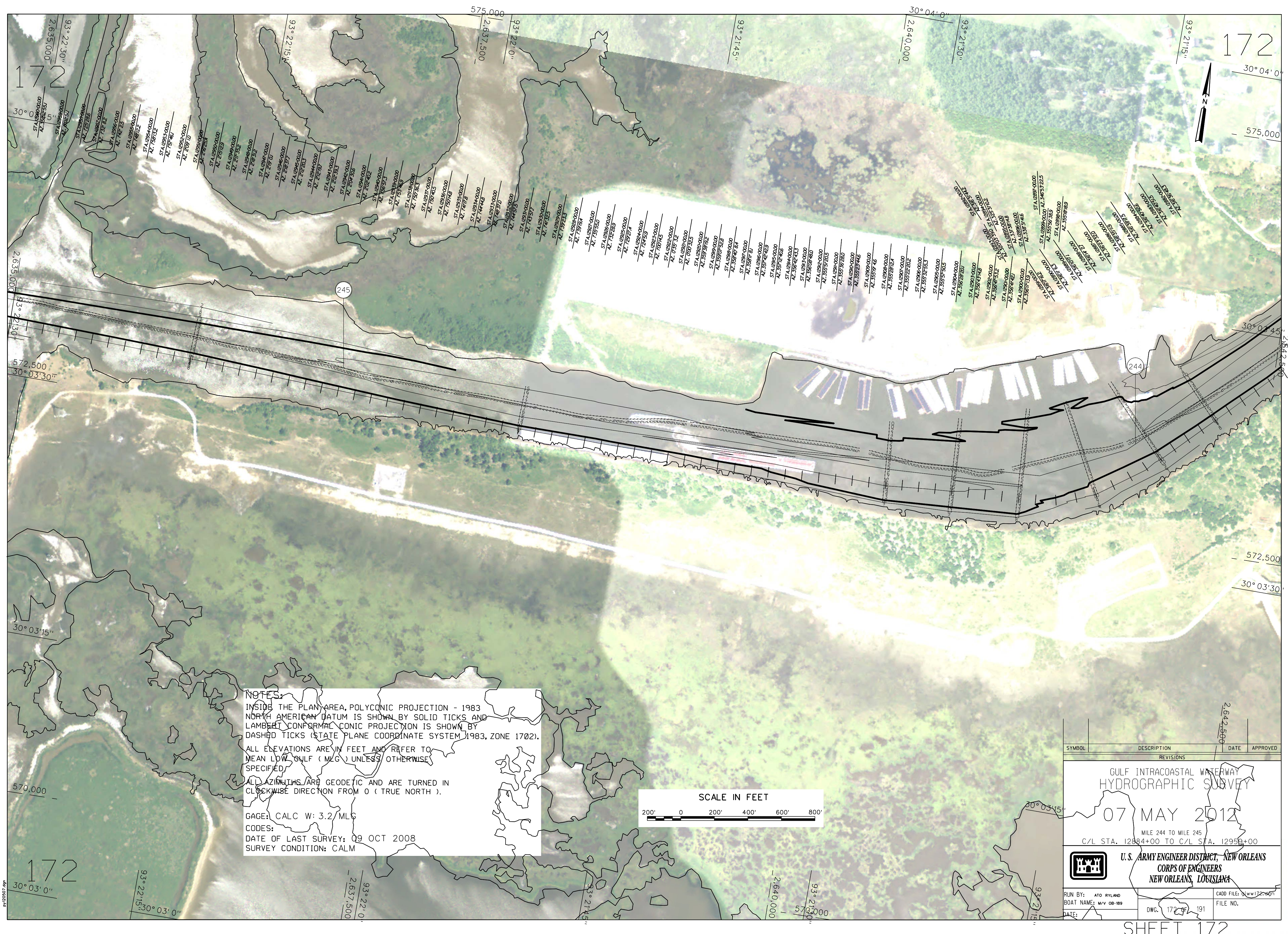
RUN BY: ATO RYLAND	CADD FILE: gjw170.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 170 OF 191



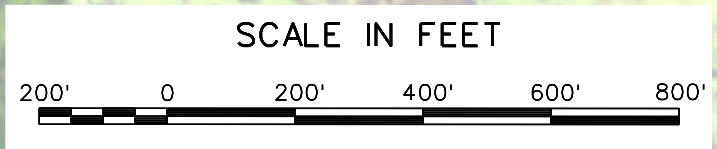
NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 25 MAR 2008
 SURVEY CONDITION: CALM



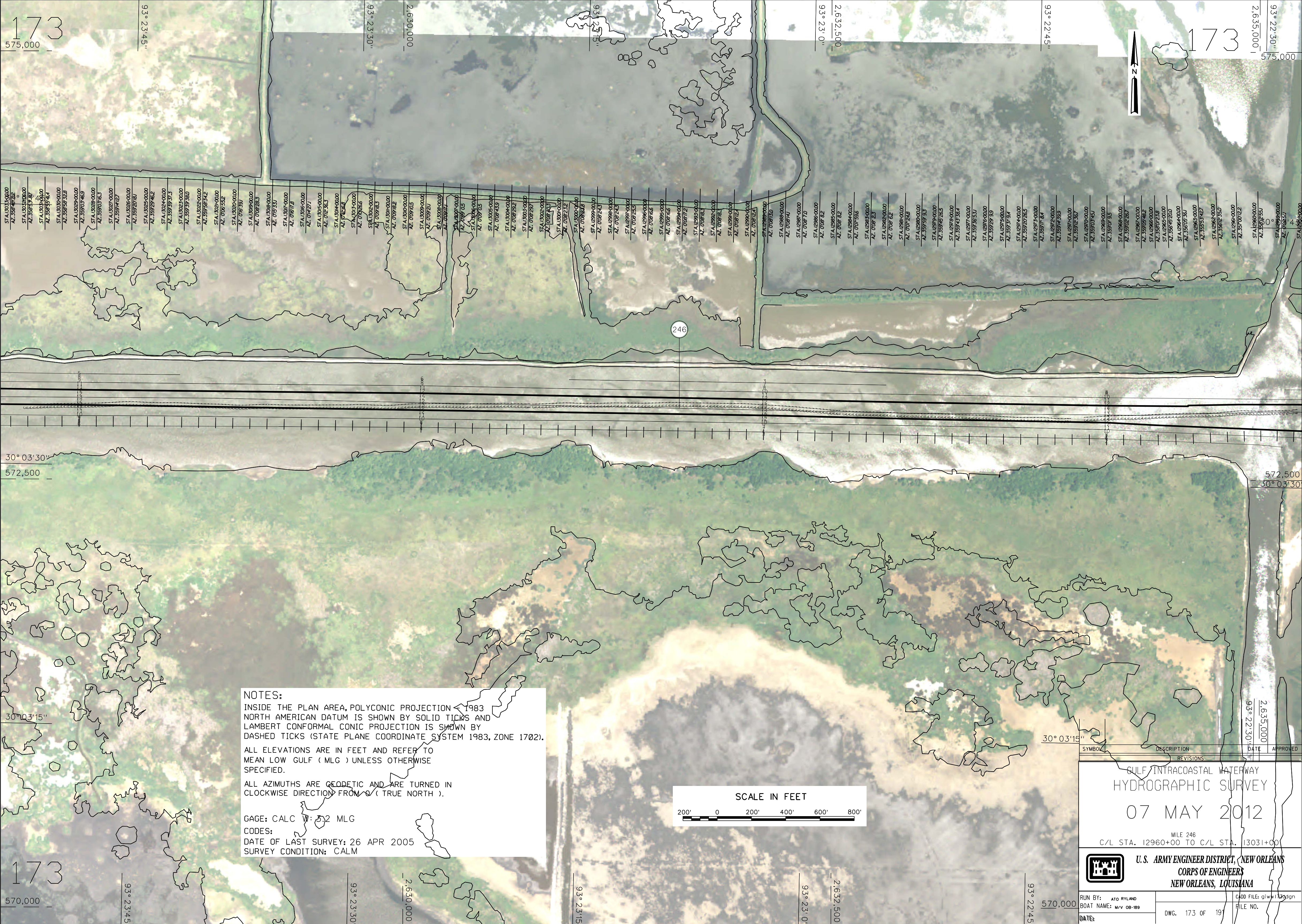
SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 07 MAY 2012 <small>MILE 243 C/L STA. 12810+00 TO C/L STA. 12883+00</small>			
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
<small>RUN BY: ATO RYLAND BOAT NAME: M/V 08-189 DATE:</small>	<small>DWG. 171 OF 191</small>	<small>CADD FILE: giww171.dgn FILE NO.</small>	



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 / MLG
 CODES:
 DATE OF LAST SURVEY: 09 OCT 2008
 SURVEY CONDITION: CALM

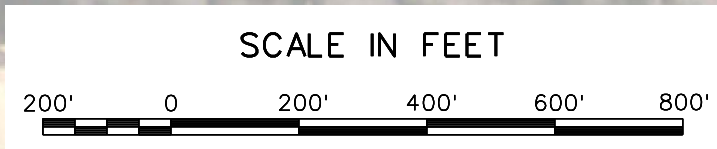


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 07 MAY 2012 MILE 244 TO MILE 245 C/L STA. 12884+00 TO C/L STA. 12950+00			
U.S. ARMY ENGINEER DISTRICT - NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND	CADD FILE: \\wv12\cadd		
BOAT NAME: M/V OB-189	FILE NO.		
DATE:	DWG. 172 OF 191		



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION < 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM (TRUE NORTH).

GAGE: CALC W: 52 MLG
 CODES:
 DATE OF LAST SURVEY: 26 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 07 MAY 2012 MILE 246 C/L STA. 12960+00 TO C/L STA. 13031+00			
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND BOAT NAME: M/V 08-189	DWG. 173 OF 191		FILE NO.
DATE:			



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 26 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 07 MAY 2012 MILE 247 TO MILE 248 C/L STA. 13032+00 TO C/L STA. 13105+00			
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND	CADD FILE: g1ww174.dgn		
BOAT NAME: M/V 08-189	FILE NO.		
DATE:	DWG. 174 OF 191		



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

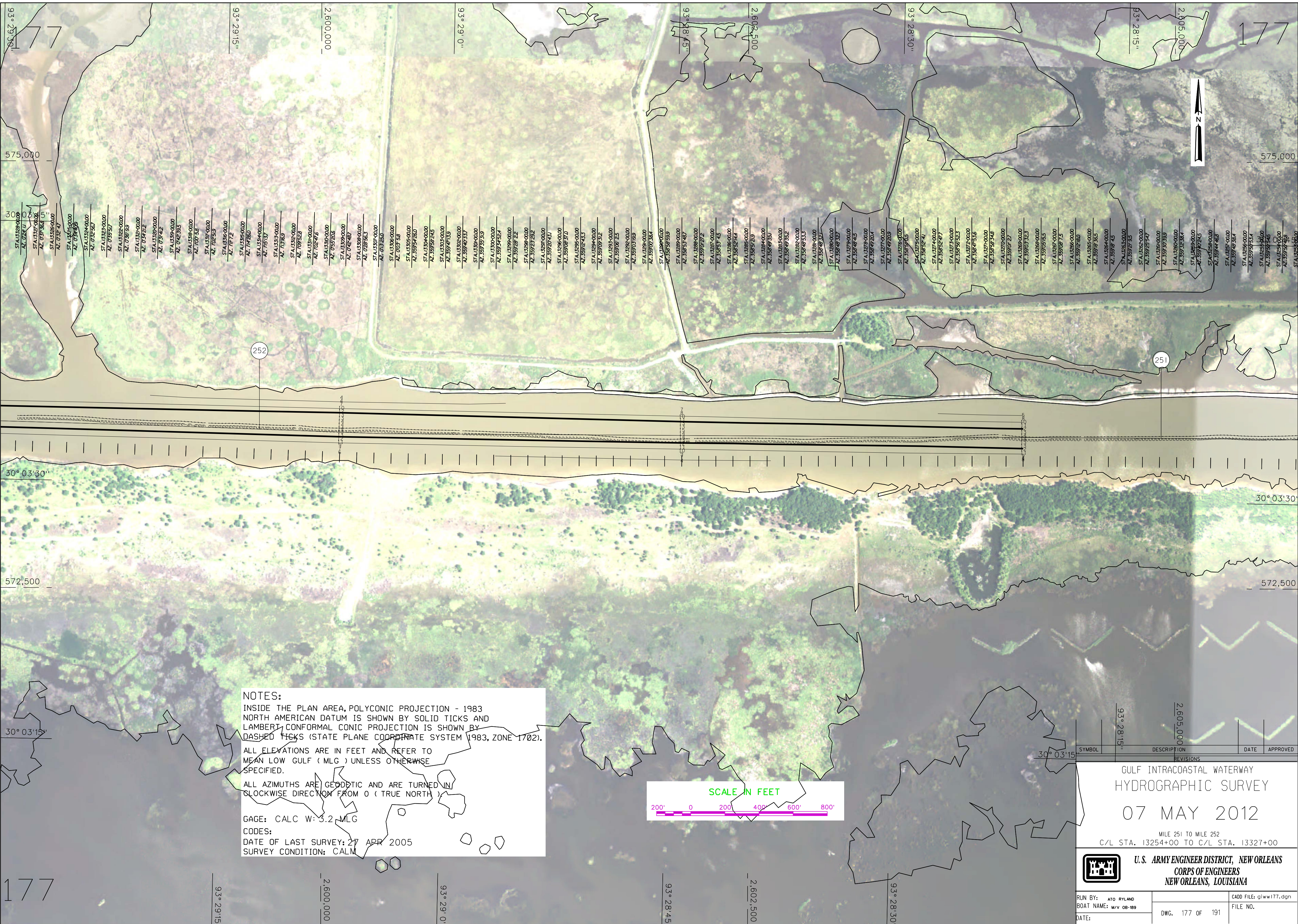
GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 07 MAY 2012

C/L STA. 13106+00 W/LE 249 C/L STA. 13179+00



U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

RUN BY: ATO RYLAND	CADD FILE: g1ww175.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 175 OF 191



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY

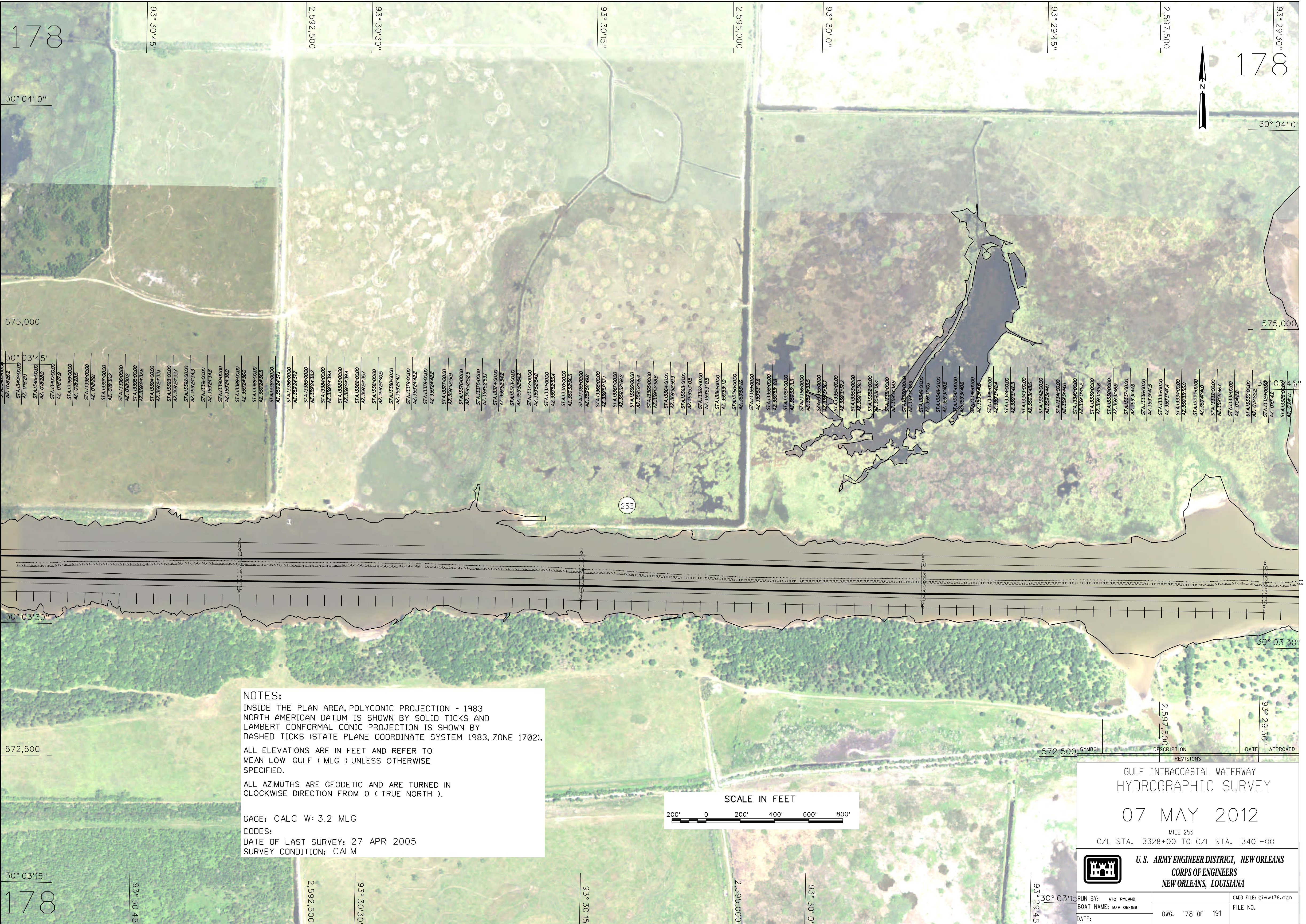
07 MAY 2012

MILE 251 TO MILE 252
 C/L STA. 13254+00 TO C/L STA. 13327+00



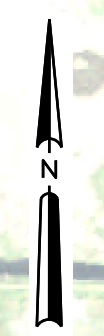
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

RUN BY: ATO RYLAND	CADD FILE: gjw177.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 177 OF 191



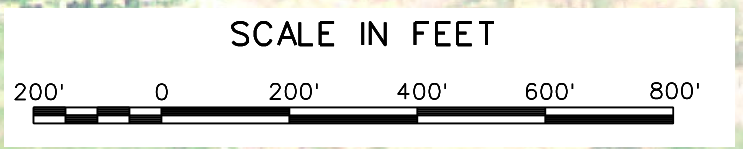
178


178



253

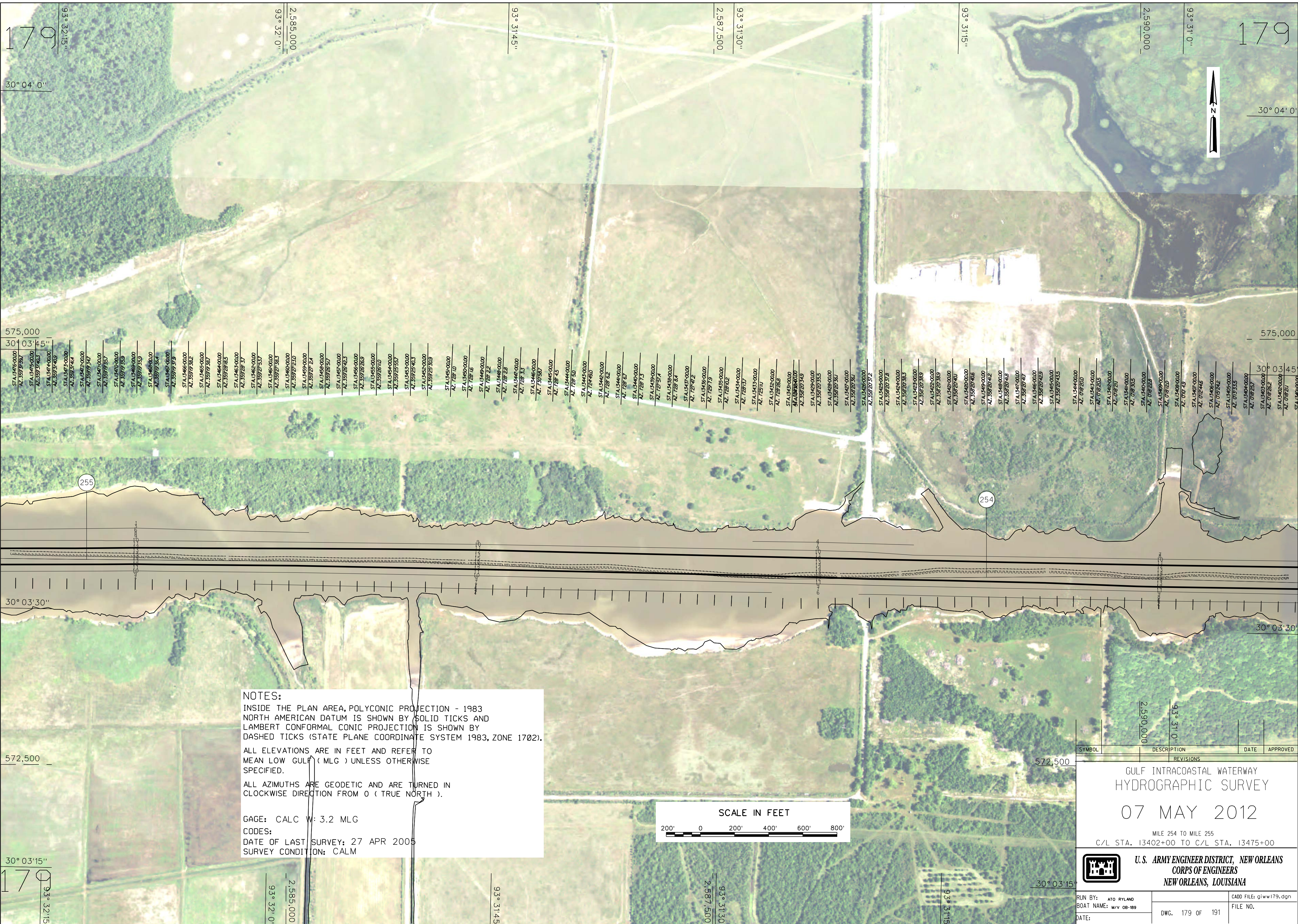
NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM



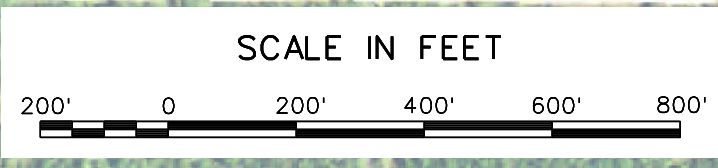
SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY			
07 MAY 2012			
MILE 253 C/L STA. 13328+00 TO C/L STA. 13401+00			
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA		RUN BY: ATO RYLAND BOAT NAME: M/V 08-189 DATE:	CADD FILE: g1ww178.dgn FILE NO.
		DWG. 178 OF 191	

SHEET 178

178




NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM

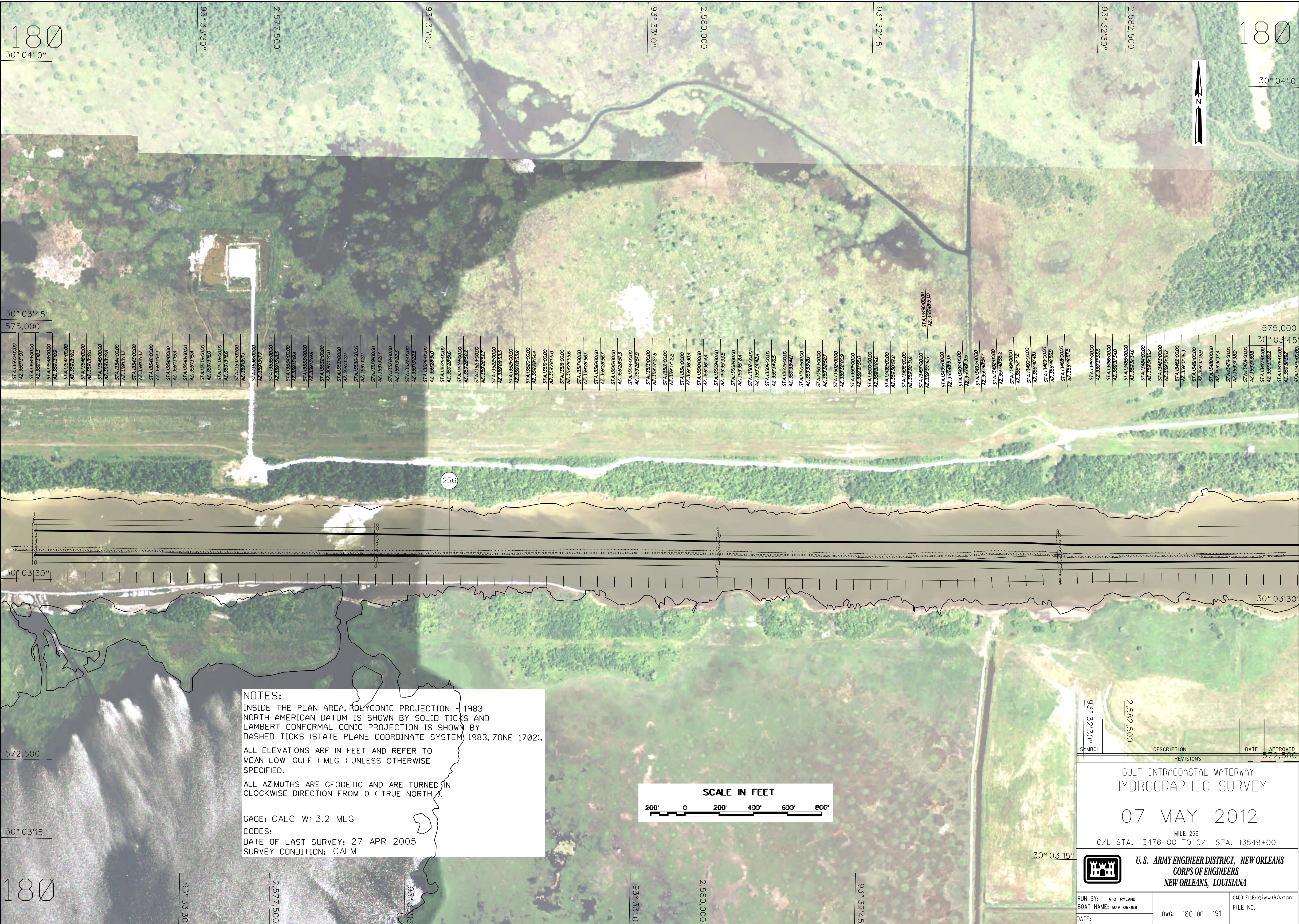


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 07 MAY 2012
 MILE 254 TO MILE 255
 C/L STA. 13402+00 TO C/L STA. 13475+00

 **U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA**

RUN BY: ATO RYLAND	CADD FILE: gjww179.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 179 OF 191



180
30° 04' 0"

180
30° 04' 0"

30° 03' 45"
575,000

575,000
30° 03' 45"

30° 03' 30"

30° 03' 30"

30° 03' 15"

30° 03' 15"


180
461020214

NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM) 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC W: 3.2 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
	REVISIONS		572,500

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 07 MAY 2012
 MILE 256
 C/L STA. 13476+00 TO C/L STA. 13549+00

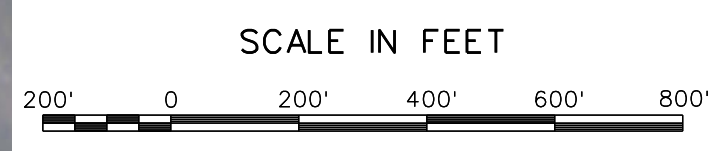
 **U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA**

RUN BY: ATO RYLAND	CADD FILE: g1ww180.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 180 OF 191




NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.5 MLG
 CODES:
 DATE OF LAST SURVEY: 28 APR 2005
 SURVEY CONDITION: CALM

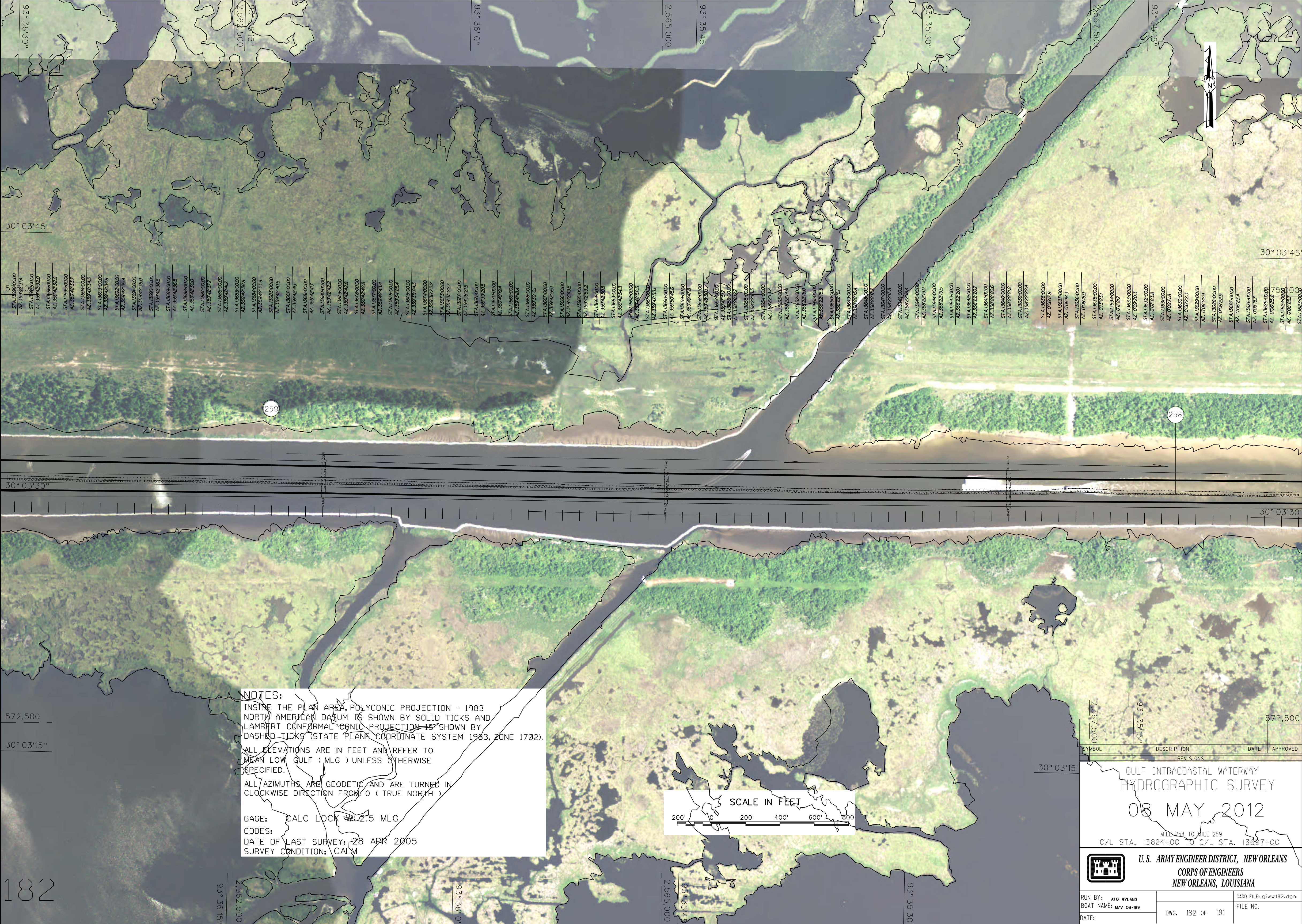


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 257
 C/L STA. 13550+00 TO C/L STA. 13623+00

 **U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA**

RUN BY: ATO RYLAND	CADD FILE: gjww181.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 181 OF 191



30° 03' 45"

30° 03' 45"

30° 03' 30"

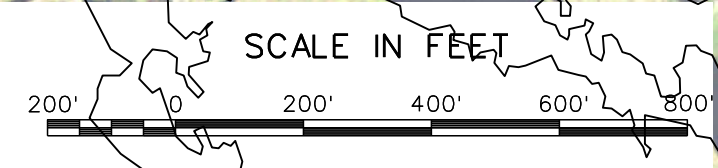
30° 03' 30"

30° 03' 15"

30° 03' 15"

182

NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC LOCK @ 2.5 MLG
 CODES:
 DATE OF LAST SURVEY: 28 APR 2005
 SURVEY CONDITION: CALM

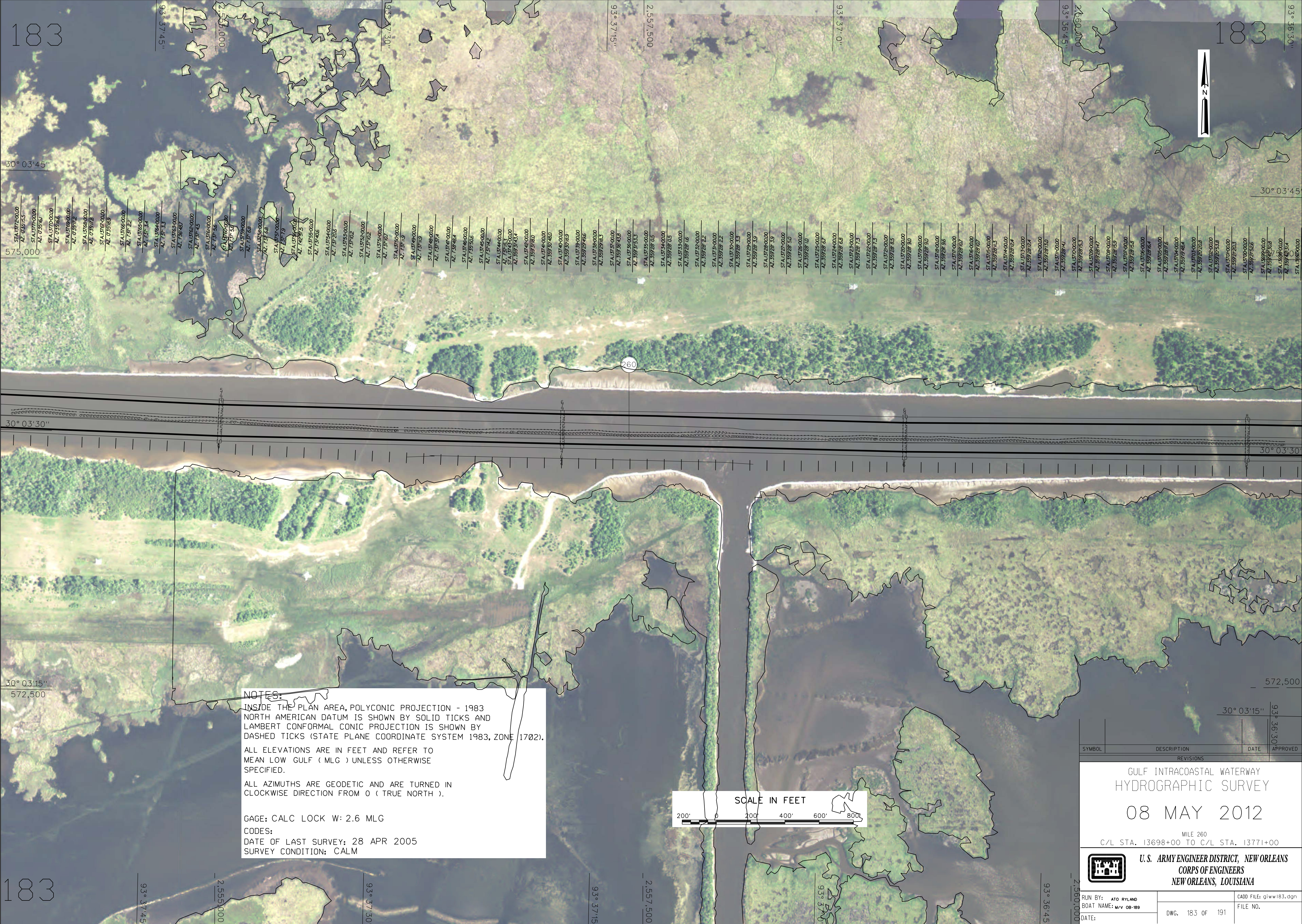


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 258 TO MILE 259
 C/L STA. 13624+00 TO C/L STA. 13697+00



RUN BY: ATO RYLAND
 BOAT NAME: M/V OB-189
 DATE:
 CADD FILE: qjww182.dgn
 FILE NO.
 DWC. 182 OF 191



183

183

30° 03' 45"

30° 03' 45"

575,000

30° 03' 30"

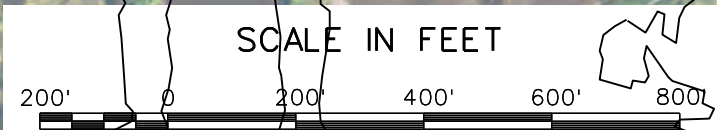
30° 03' 30"

30° 03' 15"
572,500

572,500

183

NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC LOCK W: 2.6 MLG
 CODES:
 DATE OF LAST SURVEY: 28 APR 2005
 SURVEY CONDITION: CALM

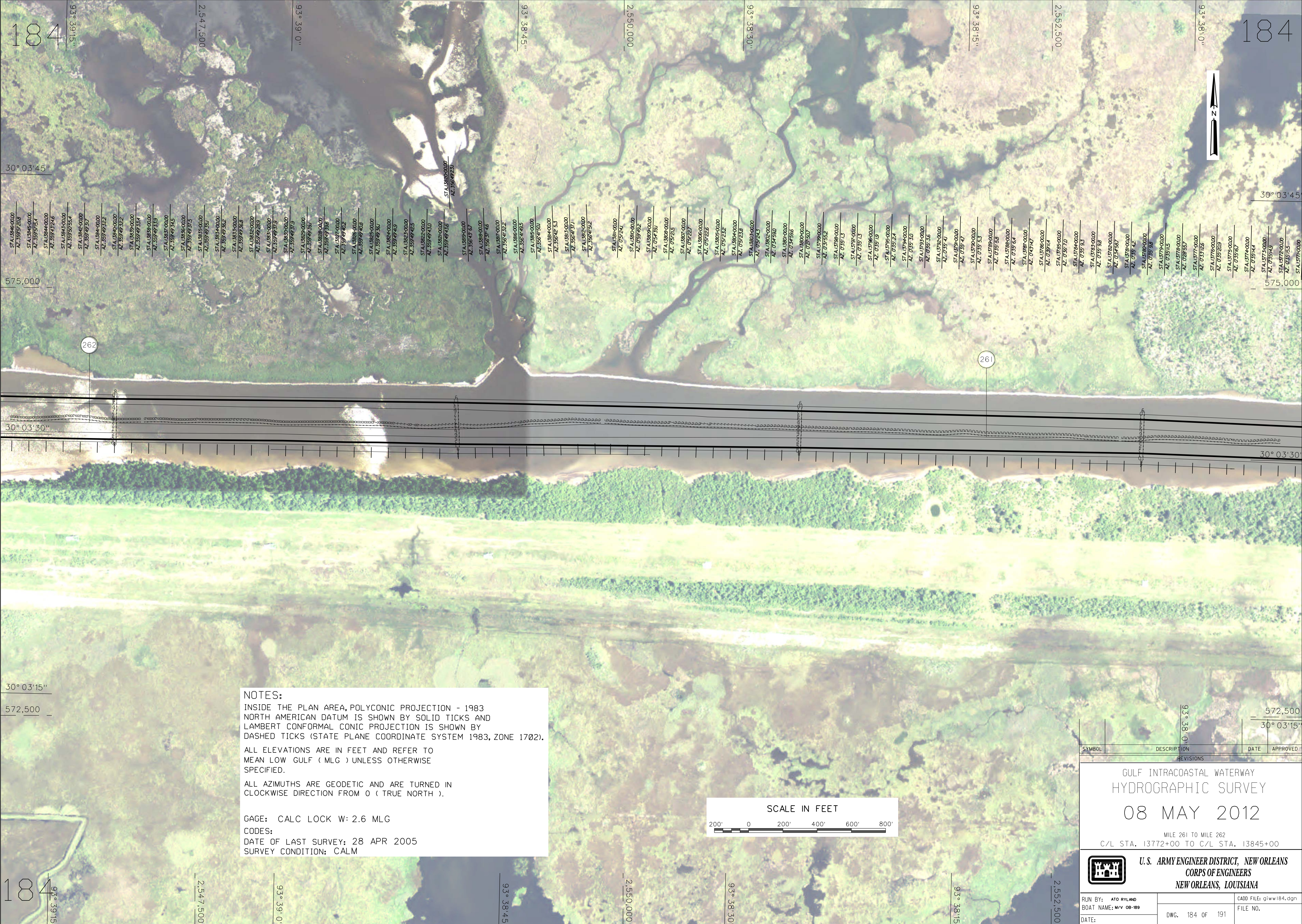


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 260
 C/L STA. 13698+00 TO C/L STA. 13771+00

 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

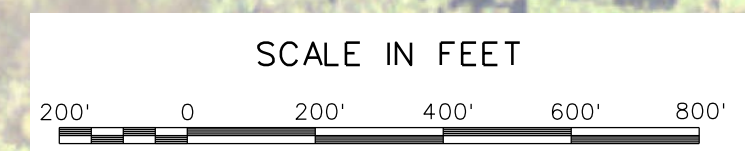
RUN BY: ATO RYLAND	CADD FILE: giww183.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 183 OF 191



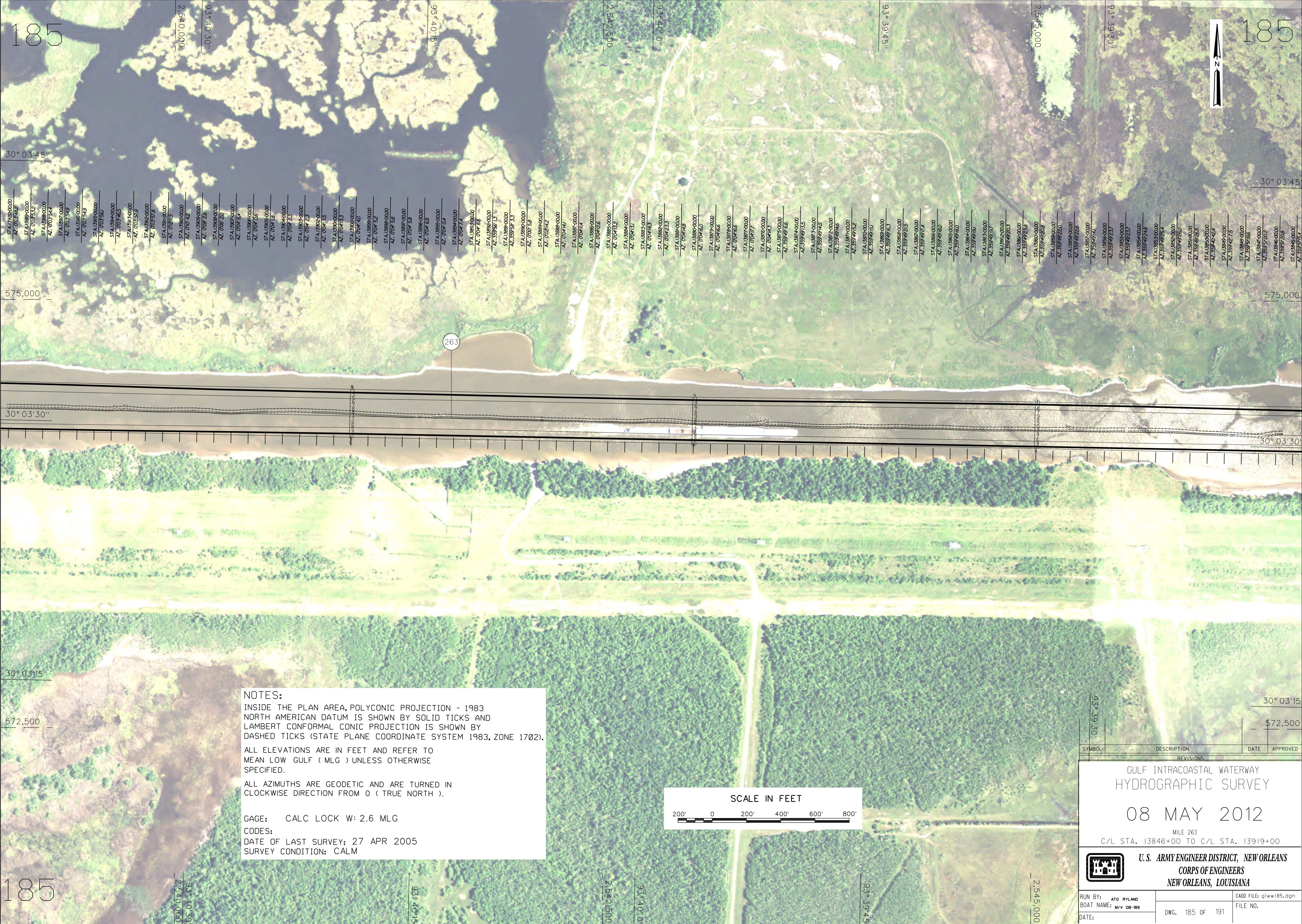
184
93° 39' 15"
2,547,500
30° 03' 45"
575,000
30° 03' 30"
30° 03' 15"
572,500
184
93° 39' 15"
2,547,500

184
93° 38' 0"
2,552,500
30° 03' 45"
575,000
30° 03' 30"
30° 03' 15"
572,500
93° 38' 0"
2,552,500

NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC LOCK W: 2.6 MLG
 CODES:
 DATE OF LAST SURVEY: 28 APR 2005
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 08 MAY 2012			
MILE 261 TO MILE 262 C/L STA. 13772+00 TO C/L STA. 13845+00			
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND BOAT NAME: M/V OB-189		CADD FILE: gjww184.dgn FILE NO.	
DATE:		DWG. 184 OF 191	



185

185



30° 03' 45"

575,000

30° 03' 30"

30° 03' 15"

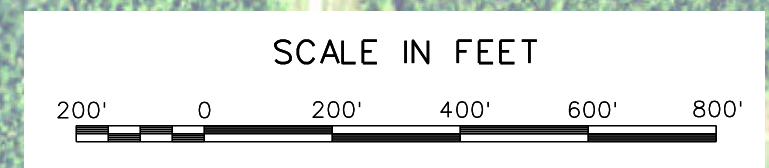
572,500

185

185

NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.6 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM



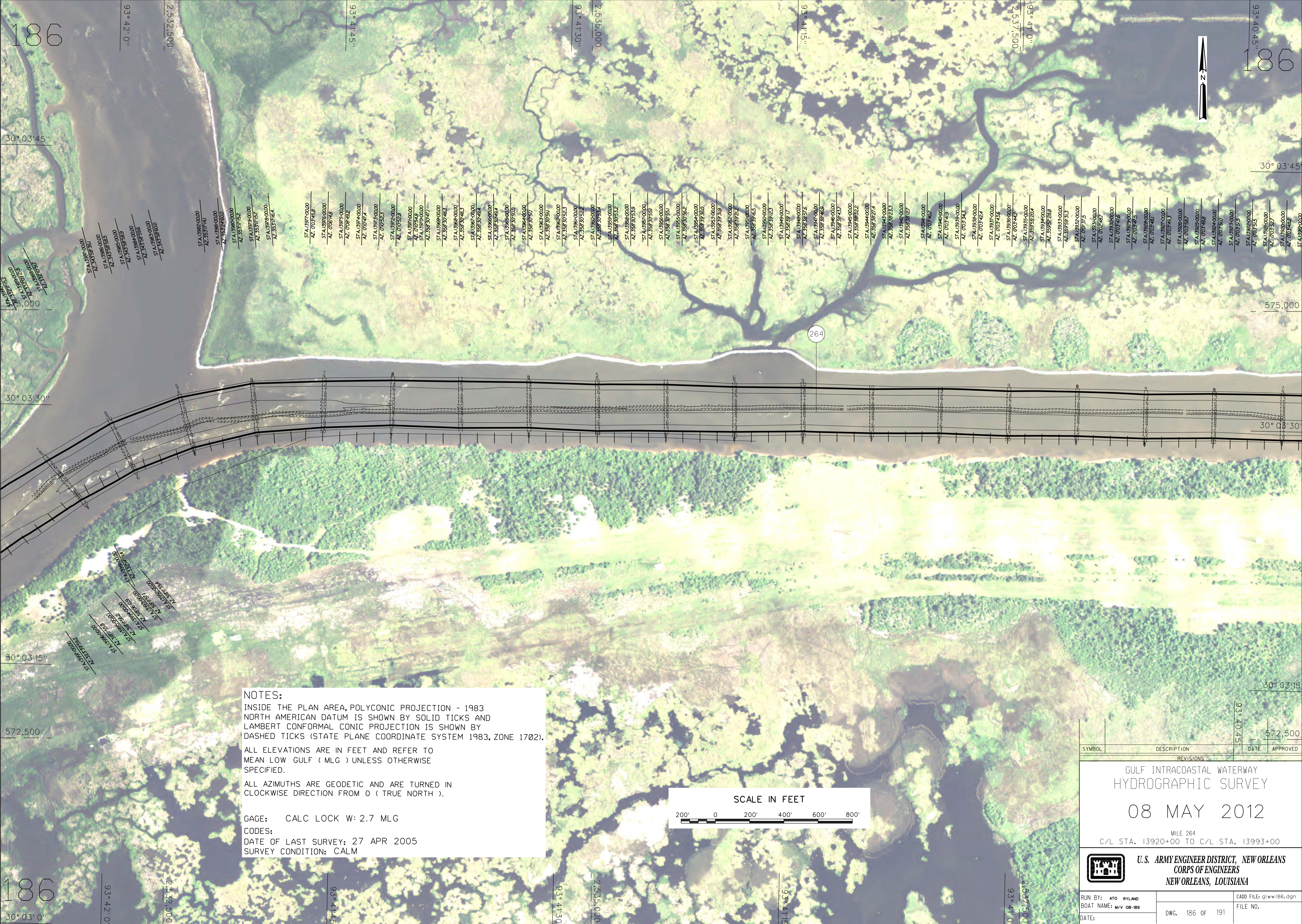
SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY

08 MAY 2012

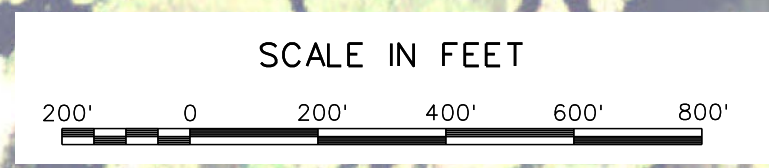
MILE 263
 C/L STA. 13846+00 TO C/L STA. 13919+00

	U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA	
	RUN BY: ATO RYLAND BOAT NAME: M/V 08-189 DATE:	DWG. 185 OF 191 FILE NO.



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.7 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM

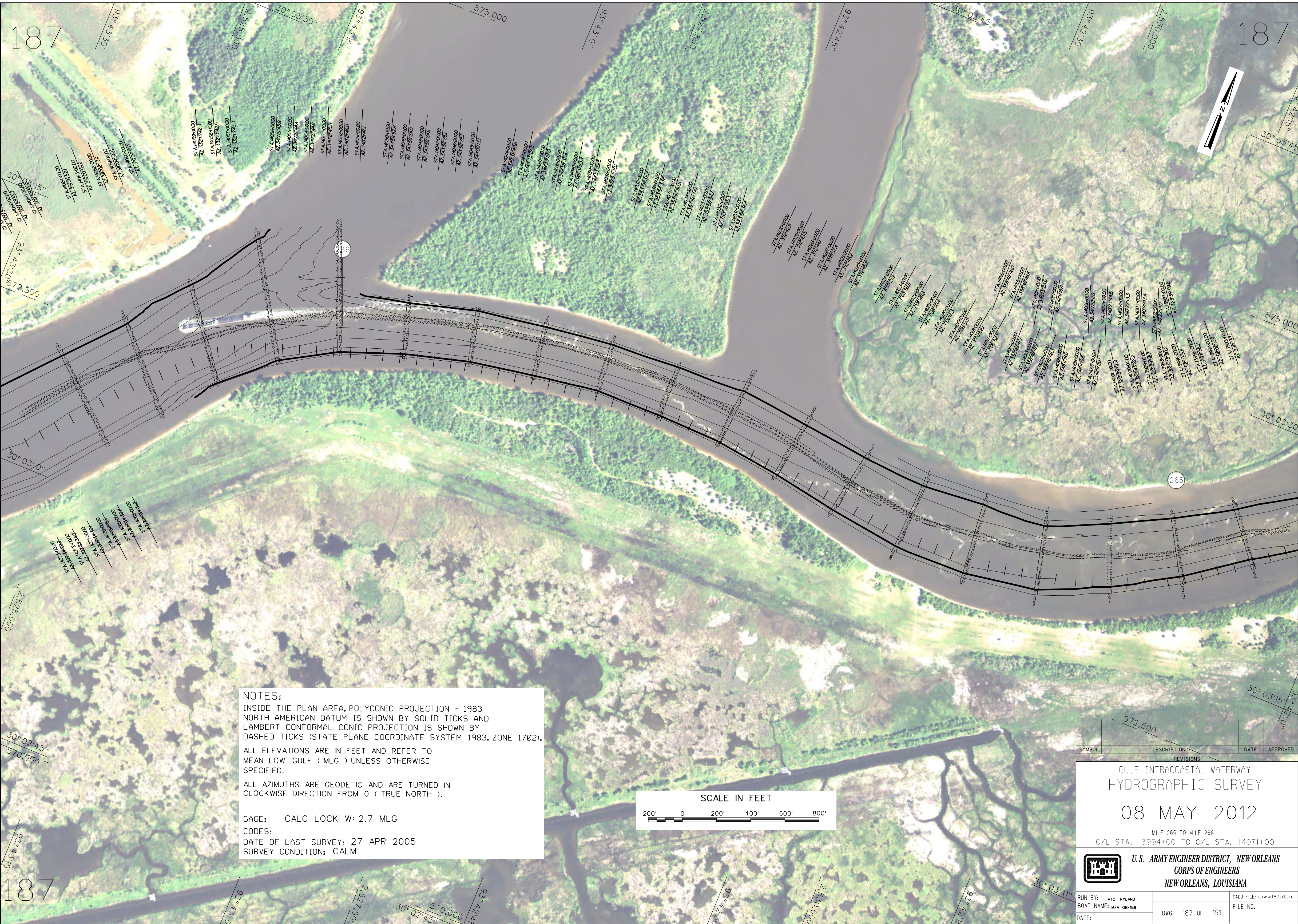


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 264
 C/L STA. 13920+00 TO C/L STA. 13993+00

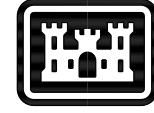
**U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA**

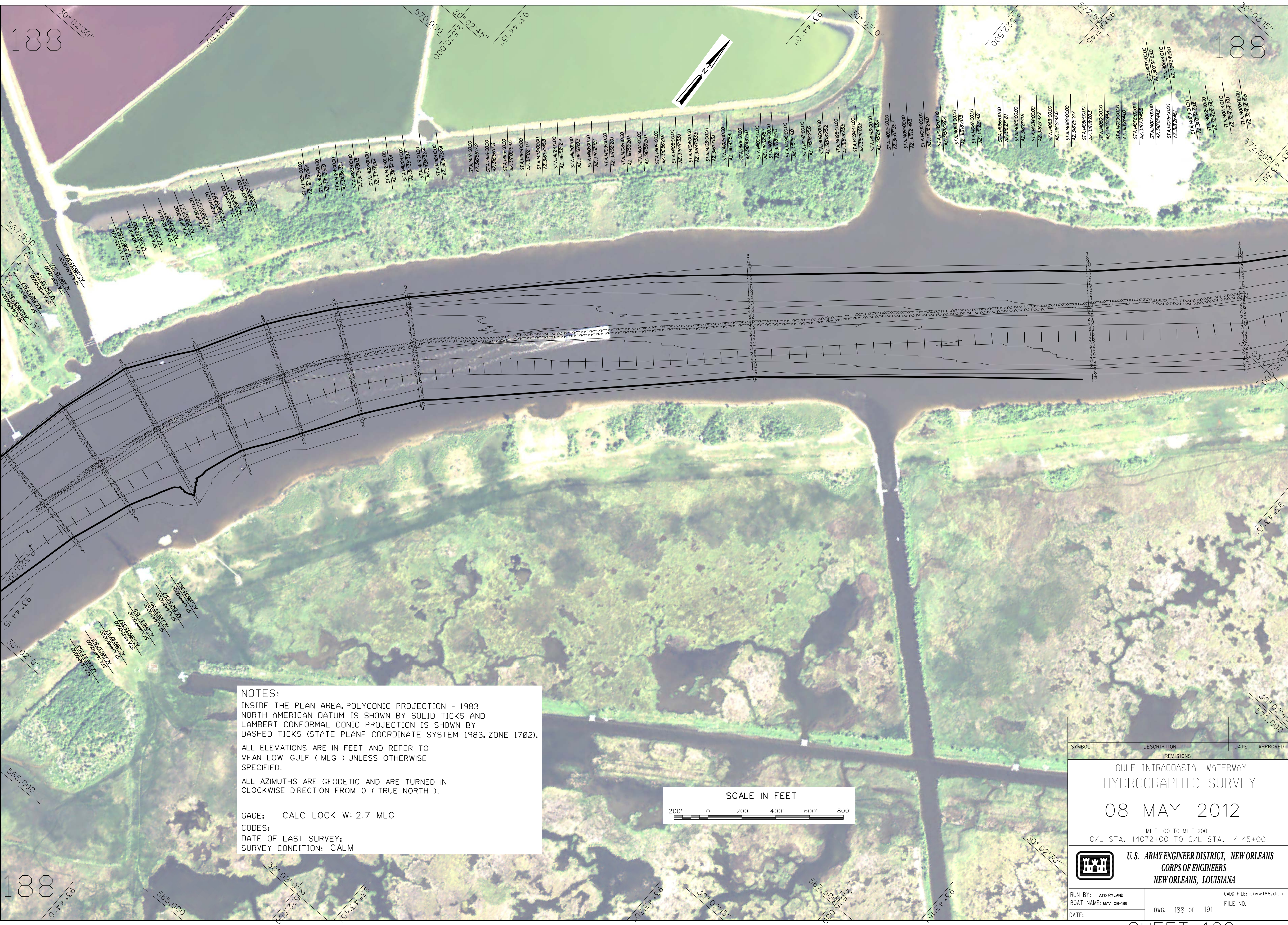
RUN BY: ATO RYLAND	CADD FILE: g1ww186.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 186 OF 191



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.7 MLG
 CODES:
 DATE OF LAST SURVEY: 27 APR 2005
 SURVEY CONDITION: CALM

SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 08 MAY 2012 MILE 265 TO MILE 266 C/L STA. 13994+00 TO C/L STA. 14071+00			
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND	CADD FILE: gjvw187.dgn		
BOAT NAME: M/V 08-189	FILE NO.		
DATE:	DWG. 187 OF 191		



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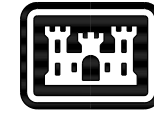
NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC LOCK W: 2.7 MLG
 CODES:
 DATE OF LAST SURVEY:
 SURVEY CONDITION: CALM



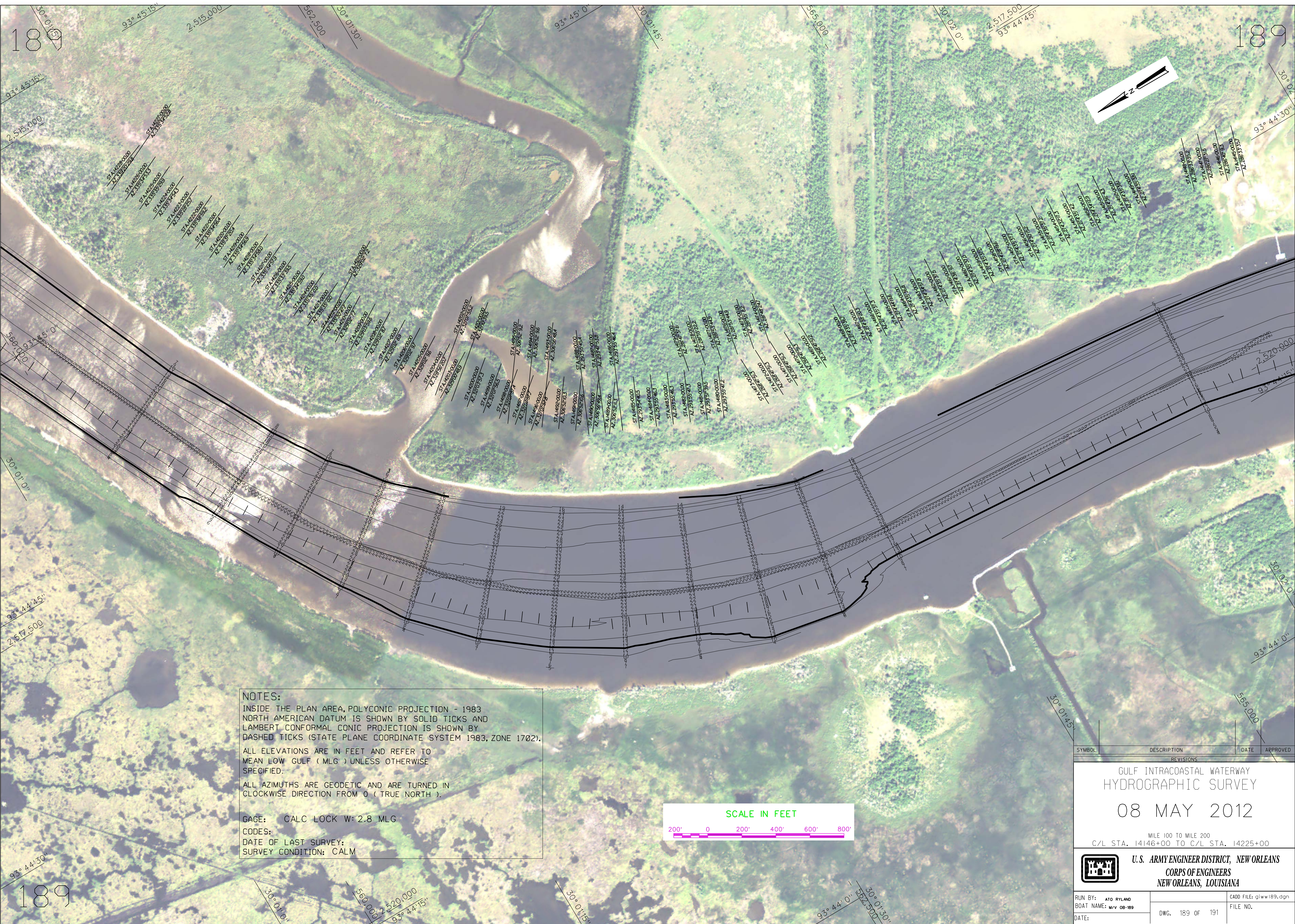
SYMBOL	DESCRIPTION	DATE	APPROVED
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REVISIONS

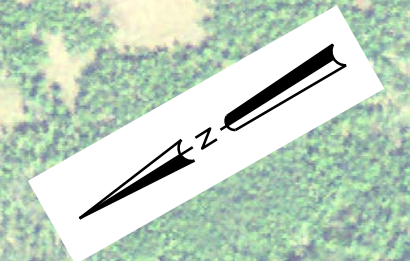
GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 100 TO MILE 200
 C/L STA. 14072+00 TO C/L STA. 14145+00

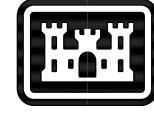
 **U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS**
CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

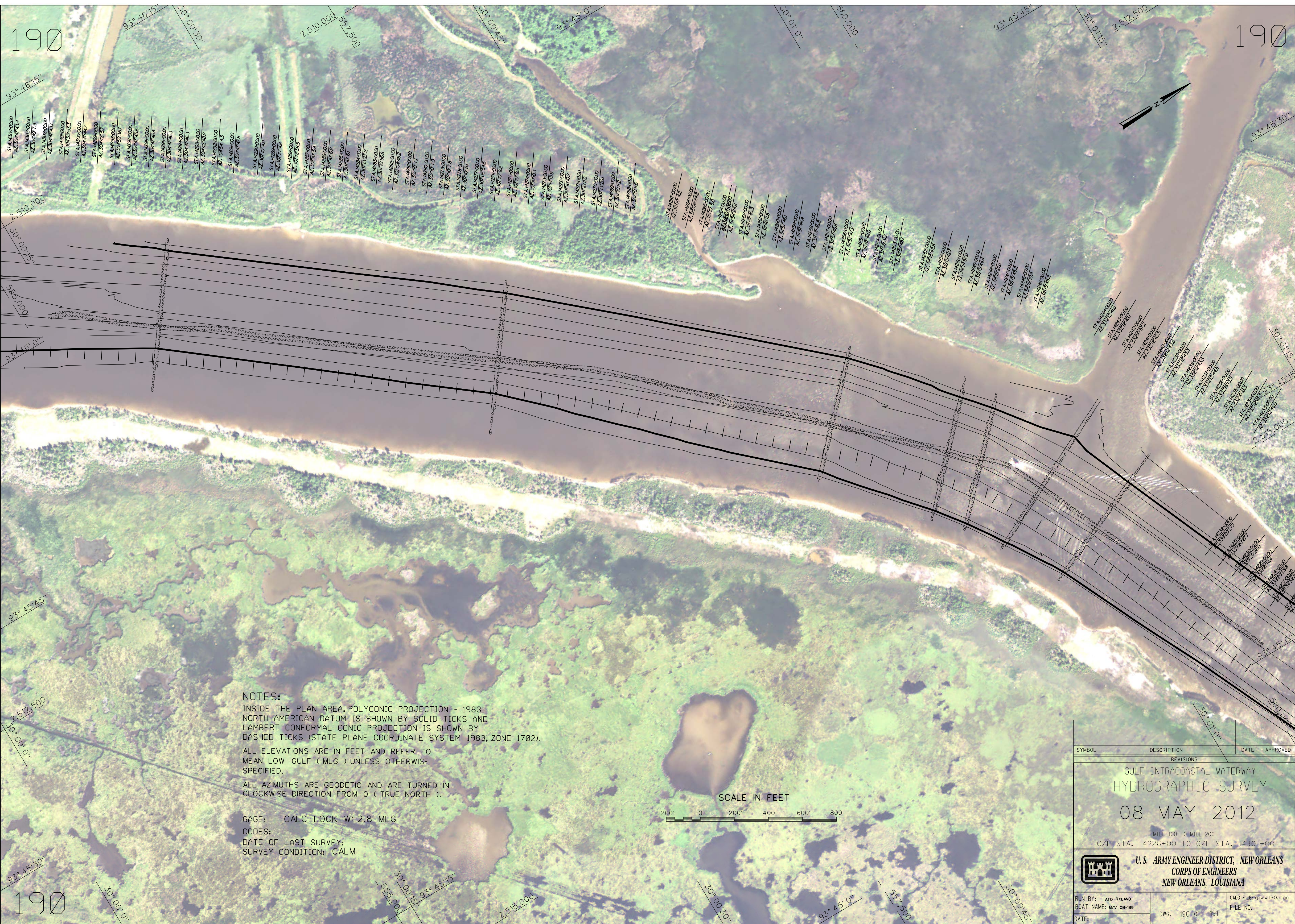
RUN BY: ATO RYLAND	CADD FILE: glww188.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 188 OF 191



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).
 GAGE: CALC LOCK W: 2.8 MLG
 CODES:
 DATE OF LAST SURVEY:
 SURVEY CONDITION: CALM



SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY 08 MAY 2012 MILE 100 TO MILE 200 C/L STA. 14146+00 TO C/L STA. 14225+00			
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RYLAND	CADD FILE: gjww189.dgn		
BOAT NAME: M/V 08-189	FILE NO.		
DATE:	DWG. 189 OF 191		



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NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW GULF (MLG) UNLESS OTHERWISE SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.8 MLG
 CODES:
 DATE OF LAST SURVEY:
 SURVEY CONDITION: CALM

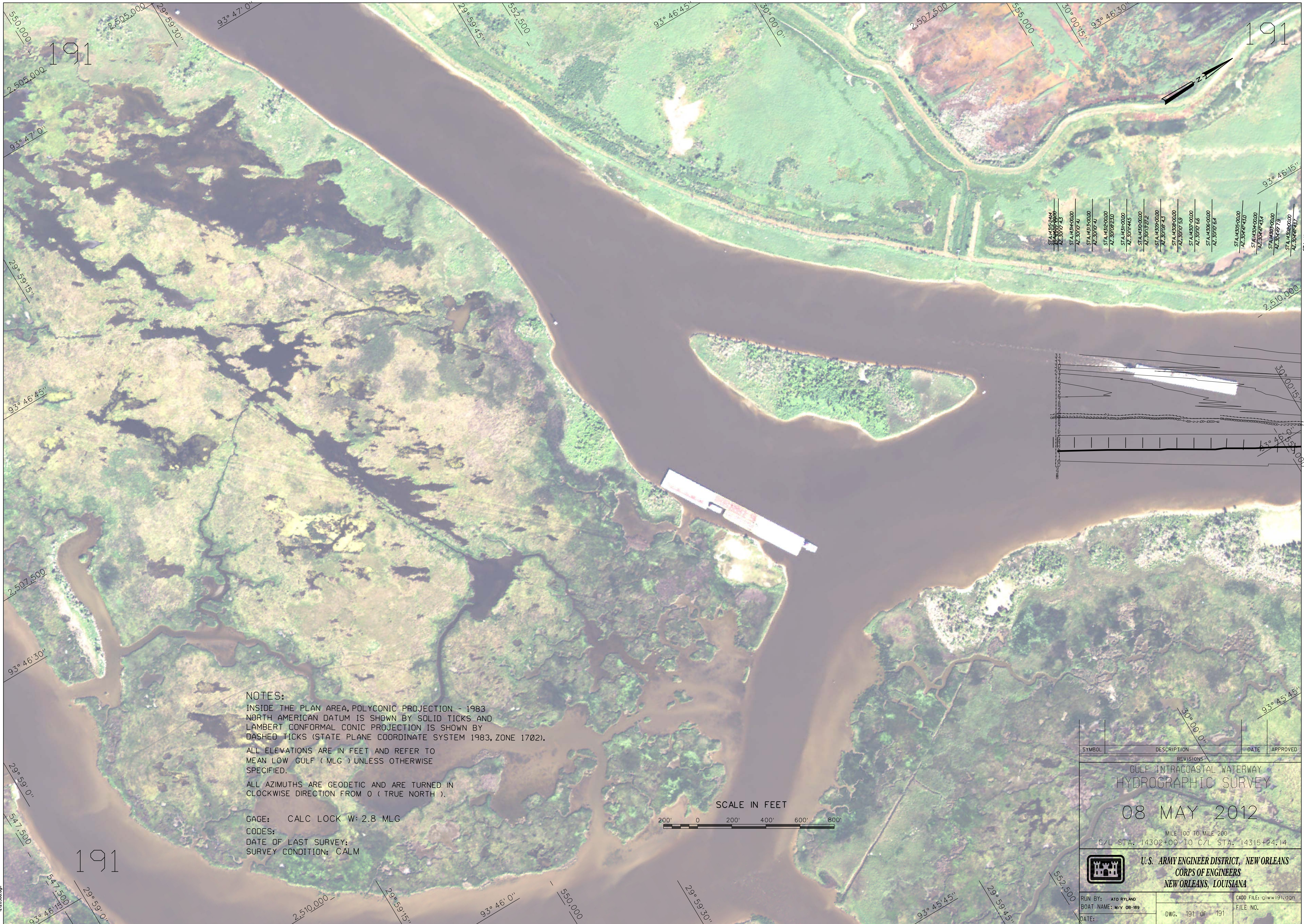


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			

GULF INTRACOASTAL WATERWAY
 HYDROGRAPHIC SURVEY
 08 MAY 2012
 MILE 100 TO MILE 200
 C/L STA. 14226+00 TO C/L STA. 14301+00

 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

RUN BY: ATO RYLAND	CADD FILE: g1w190.dgn
BOAT NAME: M/V 08-189	FILE NO.
DATE:	DWG. 190 OF 191



NOTES:
 INSIDE THE PLAN AREA, POLYCONIC PROJECTION - 1983
 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND
 LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY
 DASHED TICKS (STATE PLANE COORDINATE SYSTEM 1983, ZONE 1702).
 ALL ELEVATIONS ARE IN FEET AND REFER TO
 MEAN LOW GULF (MLG) UNLESS OTHERWISE
 SPECIFIED.
 ALL AZIMUTHS ARE GEODETIC AND ARE TURNED IN
 CLOCKWISE DIRECTION FROM 0 (TRUE NORTH).

GAGE: CALC LOCK W: 2.8 MLG
 CODES:
 DATE OF LAST SURVEY:
 SURVEY CONDITION: CALM



STA. 14302+00.00	AZ. 307° 45'
STA. 14304+00.00	AZ. 307° 41'
STA. 14306+00.00	AZ. 307° 41'
STA. 14308+00.00	AZ. 307° 45'
STA. 14310+00.00	AZ. 307° 45'
STA. 14312+00.00	AZ. 307° 43'
STA. 14314+00.00	AZ. 307° 59'
STA. 14316+00.00	AZ. 307° 66'
STA. 14318+00.00	AZ. 307° 64'
STA. 14320+00.00	AZ. 307° 43.00
STA. 14322+00.00	AZ. 307° 43.00
STA. 14324+00.00	AZ. 307° 43.00
STA. 14326+00.00	AZ. 307° 43.00
STA. 14328+00.00	AZ. 307° 43.00
STA. 14330+00.00	AZ. 307° 43.00

SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
GULF INTRACOASTAL WATERWAY HYDROGRAPHIC SURVEY			
08 MAY 2012			
MILE 100 TO MILE 200 C/L STA. 14302+00 TO C/L STA. 14315+24.14			
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
RUN BY: ATO RFLAND	CADD FILE: g1ww191.dgn		
BOAT NAME: M/V OB-189	FILE NO.		
DATE:	DWG. 191 OF 191		