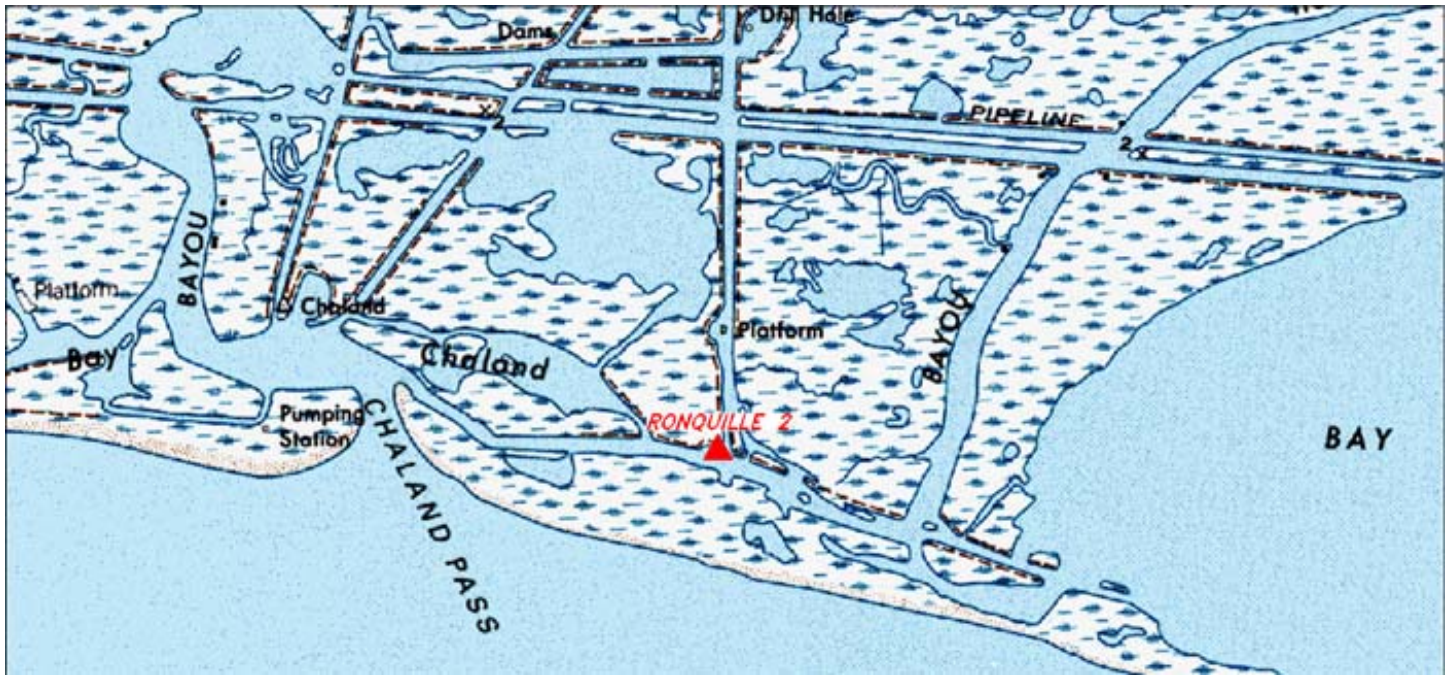


APPENDIX A
SURVEY CONTROL BENCHMARKS



VICINITY MAP Scale: 1" = 2000'

Reproduced from USC&GS "Bastian Bay" Quadrangle

Station Name: "RONQUILLE 2"

Monument Location: The Station is located in Section 16, T21S-R27E, Plaquemines, Parish, Louisiana. The Station can be reached by boat from Grand Isle, Louisiana, or Empire, Louisiana. It is located on the westerly high spoil band at the southerly end of a well canal, and is approximately midway between Chaland Pass and Bayou Huertes on the north side of a pipeline canal and 1 foot from an orange carsonite witness post. The old station "CHENIER RONQUILLE" has been destroyed, but the bent over deep driven rod is still present at the site.

Monument Description: Stainless steel rod driven to refusal within a sleeve and protective cover set in concrete and stamped "RONQUILLE 2 - 2005".

Date : November, 2005

Monument Established By: C&C Technologies, Inc.

Adjusted NAD 83 Geodetic Position

Lat. 29°18'25.65099"N
 Long. 89°43'29.14084"W

Adjusted NAD 1983 Datum

LSZ (1702) Feet
 N= 297,126.23
 E= 3,793,517.87

Adjusted NAVD88 Elevation

6.06 feet (1.848 m)

Geoid03(05) Height = -24.020 m
 Ellipsoid Height = -22.172 m

Avg. OPUS Solutions = 5.73 ft (1.747 m)



Adjusted Position Established by C&C Technologies, Inc. for Louisiana Department of Natural Resources, Coastal Engineering Division