

7055

Graphic Control

Diag'd. on diag. ch. No. 1263

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Graphic Control

Field No. A-1947 Office No. T-7055

LOCALITY

State Florida

General locality Gulf Coast

Locality Long Beach Resort West

1947

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE November 14, 1947

8-1870-1 (1)

NON

Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 17055

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. A-1947

REGISTER NO.

State Florida

General locality Gulf Coast

Locality Long Beach Resort West

Scale 1:20,000 Date of survey March, 1947

Vessel Ship HYDROGRAPHER

Chief of party Fred. L. Peacock

Surveyed by G. B. Shelton

Inked by G.B. Shelton

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated 26 September, 1947

Remarks: _____

DESCRIPTIVE REPORT TO ACCOMPANY

GRAPHIC CONTROL SURVEY

FIELD NO. A - 1947

OFFICE NO. 7655

Long Beach Resort West

Scale 1 : 20,000

Fred. L. Peacock, Chief of Party-----Ship HYDROGRAPHER

Surveyed by : G. R. Shelton.

PROJECT.

CS-328, dated 26 September 1946

CONTROL.

Triangulation stations located with second order accuracy in 1935 by G. L. Anderson, Chief of Party, were used for control of this survey.

METHOD.

The azimuth to the azimuth mark at triangulation station LONG 1935, was plotted on the graphic control sheet by assuming distances to two points on the azimuth line and computing the geographic positions of these points. The two points were plotted on the graphic control sheet and a straight line was drawn through the two points and the triangulation station. This line was used for orienting the planetable at triangulation station LONG, 1935. This procedure was necessary as no two triangulation stations on the sheet were intervisible from the ground.

A traverse was run from triangulation station LONG, 1935 to BOB, 1935 tying in at RIDGE, 1935 and WYE, 1935. The distance along the traverse was measured with a 300-foot tape a-

long the highway, except for two take off set-ups near the triangulation station LONG, 1935, where it was necessary to take rod readings. The azimuth was carried through from triangulation station LONG, 1935 to BOB, 1935 as none of the other triangulation stations had azimuth marks. Rod readings were taken to locate objects for use in the inshore hydrographic survey.

GENERAL DESCRIPTION.

The coast line in the area covered by this survey consists of low white sand dunes about 100 yards wide. U. S. Highway 98 runs along the inshore edge of the sand dunes. The land is generally flat, covered with palmetto and scrub oak with scattered pines. There are numerous beach cottages along the highway.

CLOSING ERRORS OF TRAVERSE.

The traverse closed flat at triangulation station RIDGE, 1935. There was a 10 meter closing error at triangulation station WYE, 1935 which was adjusted in the usual manner. There was a 32 meter closing error at triangulation station BOB, 1935. The 10 meter error at station WYE, 1935 was adjusted to station BOB, 1935 and the remaining error was adjusted in the usual manner.

Respectfully submitted,

George R. Shelton
George R. Shelton, Lieut. Commander,
C. & G. Survey.

Respectfully forwarded:

Fred. L. Peacock
Fred. L. Peacock, Chief of Party,
Captain, C. & G. Survey.

This graphic control survey has been compared with contemporary hydrographic surveys. No further review by the Hydrographic Surveys Section is necessary at the present time.

J. A. Winsmore

1/14/49

PLANE TABLE POSITIONS

Name and Description	Lat.	DM	Long.	DP	Height	Remarks
ACE, White Sq. Signboard	30-14	1260	85-56	246	20	Center
DAY, Windmill	30-14	750	85-55	306	50	Top
EAT, Small w. bldg. 10'sq.	30-14	740	85-55	788	10	Center
FIG, Cafe sign on whitehouse	30-14	282	85-55	144	20	Center
HOW, Hex. cupola on whitehouse	30-13	1324	85-54	312	20	Center
JAR, Windmill	30-13	866	85-53	958	30	Top
LAM, Red brick bldg.	30-13	690	85-53	690	15	Center, S. side
MOT, Windmill on whitehouse	30-13	⁴⁵⁴ 248	85-53	188	50	Top
TWIN, Twin white cottages	30-12	1660	85-52	839	15	S.E. Corner
MIL, Windmill	30-12	1452	85-52	460	40	Top
GRO, Red brick bldg.	30-12	1110	85-51	1568	15	S.E. Corner
CRE, Cream col. house	30-12	402	85-51	398	20	Apex
TOM, Tri. disk stamped TOM 1942	30-12	382	85-51	376	Ground	
SIL, Silver tank	30-12	300	85-50	1588	60	Top
ARK, Parkway signboard	30-11	1738	85-50	1231	20	Center

Name and Description	Lat.	DM	Long.	DP	Height	Remarks
HAM, W. store Bahama Beach	30-11	1698	85-50	1135	15	S.W. Corner
CLU, Club Monte- rey sign	30-11	894	85-49	1544	15	Top
WAT, (EDGE) Water tank	30-11	346	85-49	151	100	Edgewater Beach tank, top
CUP, Cupola on white house green roof	30-10	1596	85-48	1468	20	Top
LON TON, Long Beach Resort water- tank	30-10	1357	85-48	662 846	150	Top
WIN, center of 3 power wind- mills	30-10	972	85-48	438	165	Top