



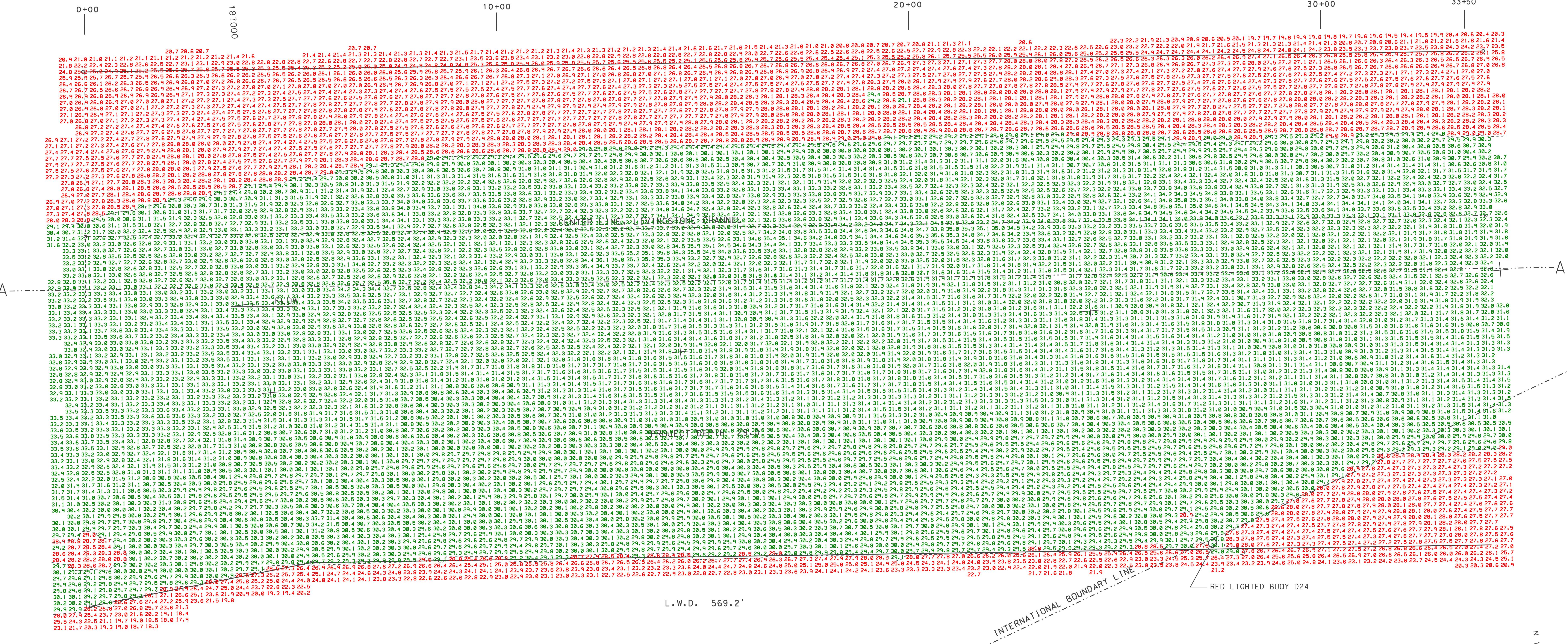
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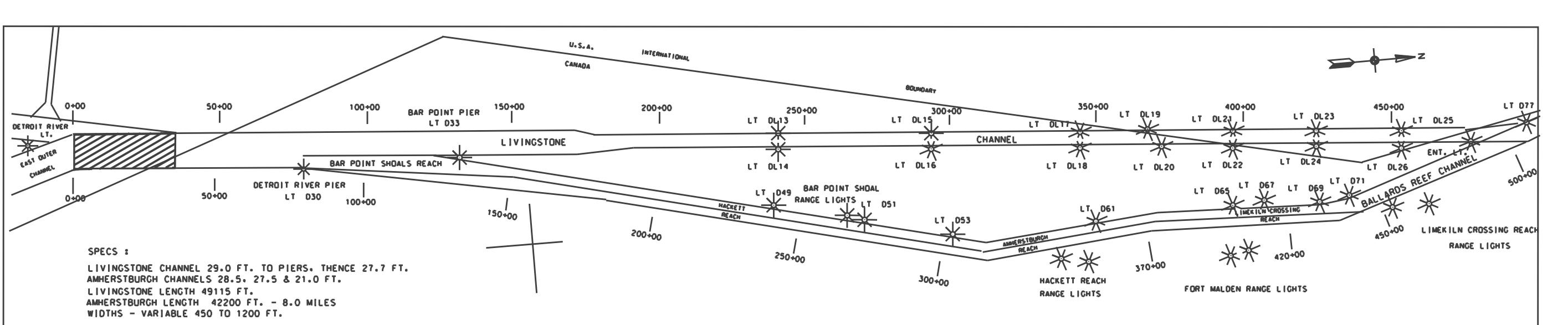
L.W.D. 569.2'

RED LIGHTED BUOY D24

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CONTRACT POST DREDGE SURVEY

NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	12 JUNE 2006		
DRAWN BY:	J.B.		
CHECKED BY:			
REVIEWED BY:			
SUBMITTED BY:			
APPROVAL RECOMMENDED:			
CHIEF, PROJ. DPNS. SECT.			
CHIEF, GTS BRANCH			
SCALE AS SHOWN			
DRAWING NUMBER			



LEGEND

DIRECTIONS

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, 1985

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

POSITIONING: TSS POS-MV
DATA PROCESSOR: DELL 330 PC
SOFTWARE: HYPER
PLOTTER: ENCAP CADDET 2
SONIC SOUNDER: RESON SEABAT 8125

NOTES:

1. GAGES ARE USED AS AN AVERAGE OF DATA OBTAINED ELECTRONICALLY FROM THE NOAA GAGE AT FERMI POWER PLANT AND CHS GAGE AT BAR POINT, VIA THE INTERNET.

2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE, DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS

3. DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTI-BEAM ECOSOUNDER SYSTEM AND THE DODM DIGIBAT PRO DB1200 VELOCITY PROFILER

4. EDITED MULTI-BEAM SOUNDINGS WERE COMBINED INTO A 3 FT. BY 15 FT. MATRIX. THE AVERAGE OF SOUNDINGS LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

5. SOUNDINGS WEST OF LINE A - A ARE FROM THE MAY 16, 2006 SURVEY

100' 0' 100' 200'

SCALE

100' 0' 100' 200'

SCALE

SHEET 1 OF 14

Lc100606