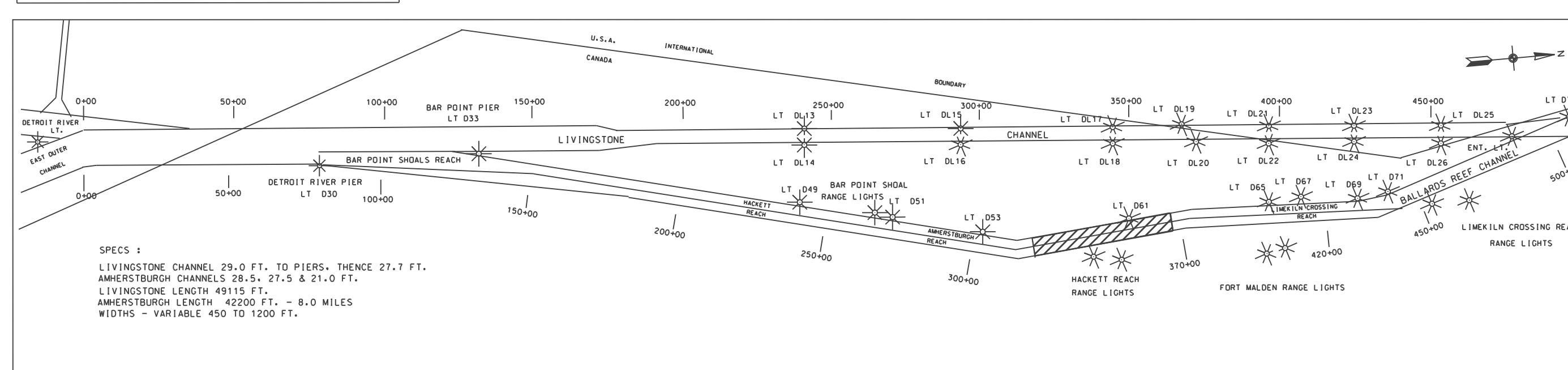
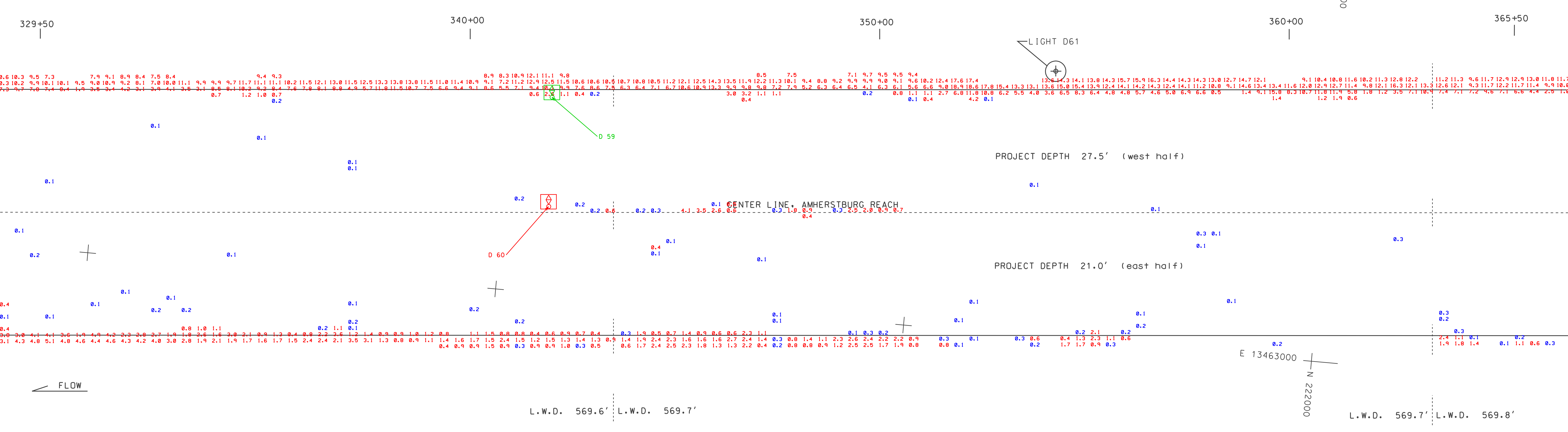


E 13462000
N 219000

E 13462000
N 220000

E 13462000
N 221000

E 13462000
N 222000



LEGEND
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, 11985.

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

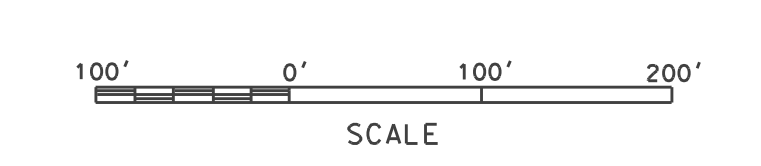
ALL COORDINATES ARE IN U.S. SURVEY FEET.

DIRECTIONS
ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.
PROJECT DEPTHS ARE AS SHOWN ON DRAWING. ALL DEPTHS ARE IN U.S. SURVEY FEET.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY ROBERT W. POLAK AND JAMES P. BYRNE, ABOARD THE USACE SURVEY VESSEL "WHEELER".

AUTOMATED EQUIPMENT USED
POSITIONING: TSS POS-MV
SOFTWARE: HYPACK HYSWEEP
SONIC SOUNDING: RESON SEABAT 8125

- NOTES**
- GAGES USED WERE OBTAINED FROM A TEMPORARY GAGE BOARD SET FROM A TEM "LADDER" AT THE CCG BASE IN AMHERSTBURG, ONT.
 - POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
 - DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTI-BEAM ECHOSOUNDER SYSTEM AND THE ODOM DIGIBAR PRO DB1200 VELOCITY PROFILER
 - EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE LARGEST STRIKE LOCATED IN EACH CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.



1. 23 JULY 2008 UPDATED NOTES	RWP		
2. 23 JULY 2008 PLACED SOUNDINGS	RWP		
NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	DETROIT AREA OFFICE	03 JUNE 2008	
DRAWN BY:	DETROIT RIVER, MICHIGAN		
CHECKED BY:	AMHERSTBURG CHANNEL CS 329+50 TO 365+50 MULTI-BEAM SWEEP SURVEY STRIKE PLOT		
REVIEWED BY:			
SUBMITTED BY:	APPROVAL RECOMMENDED:	P.E.	DATE
CHIEF, PROJ. DIV'S SEC	CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH		
APPROVED:		SCALE AS SHOWN	DRAWING NUMBER
CHIEF, CONSTRUCTION - OPERATIONS DIVISION		SHEET 8 OF 10	ac80608.dgn