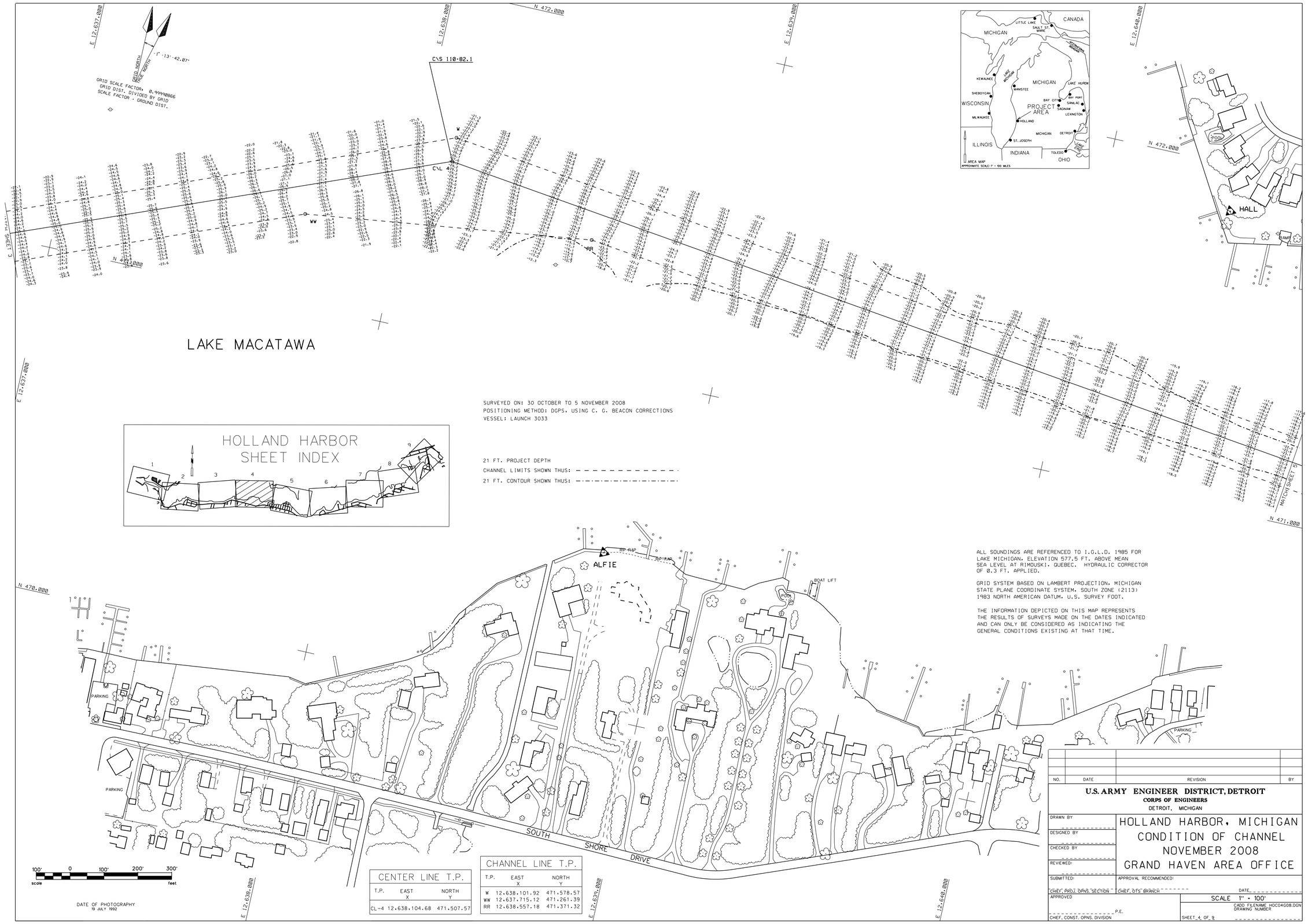

SURVEYED ON: 30 OCTOBER TO 5 NOVEMBER 2008
POSITIONING METHOD: DGPS, USING C. G. BEACON CORRECTIONS
VESSEL: LAUNCH 3033

21 FT. PROJECT DEPTH
CHANNEL LIMITS SHOWN THUS: - - - - - - - - - - - - - -
21 FT. CONTOUR SHOWN THUS: -·-·-·-·-·-·-·-·-·-·-·-

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN. ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR OF 0.3 FT. APPLIED.

GRID SYSTEM BASED ON LAMBERT PROJECTION, MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (2113) 1983 NORTH AMERICAN DATUM, U.S. SURVEY FOOT.

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 EXISTING AT THAT TIME.

CENTER LINE T.P.		
T.P.	EAST X	NORTH Y
CL-4	12,638,104.68	471,507.57

CHANNEL LINE T.P.		
T.P.	EAST X	NORTH Y
W	12,638,101.92	471,578.57
WW	12,637,715.12	471,261.39
RR	12,638,557.18	471,371.32

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

DRAWN BY
DESIGNED BY
CHECKED BY
REVIEWED:
SUBMITTED:
CHIEF, PROJ. DPNS. SECTION
APPROVAL RECOMMENDED:
CHIEF, DTS BRANCH
DATE
APPROVED
P.E.
CHIEF, CONST. OPNS. DIVISION

HOLLAND HARBOR, MICHIGAN
CONDITION OF CHANNEL
NOVEMBER 2008
GRAND HAVEN AREA OFFICE

SCALE 1" = 100'
CADD FILENAME HOC04G08.DGN
DRAWING NUMBER
SHEET 4 OF 9