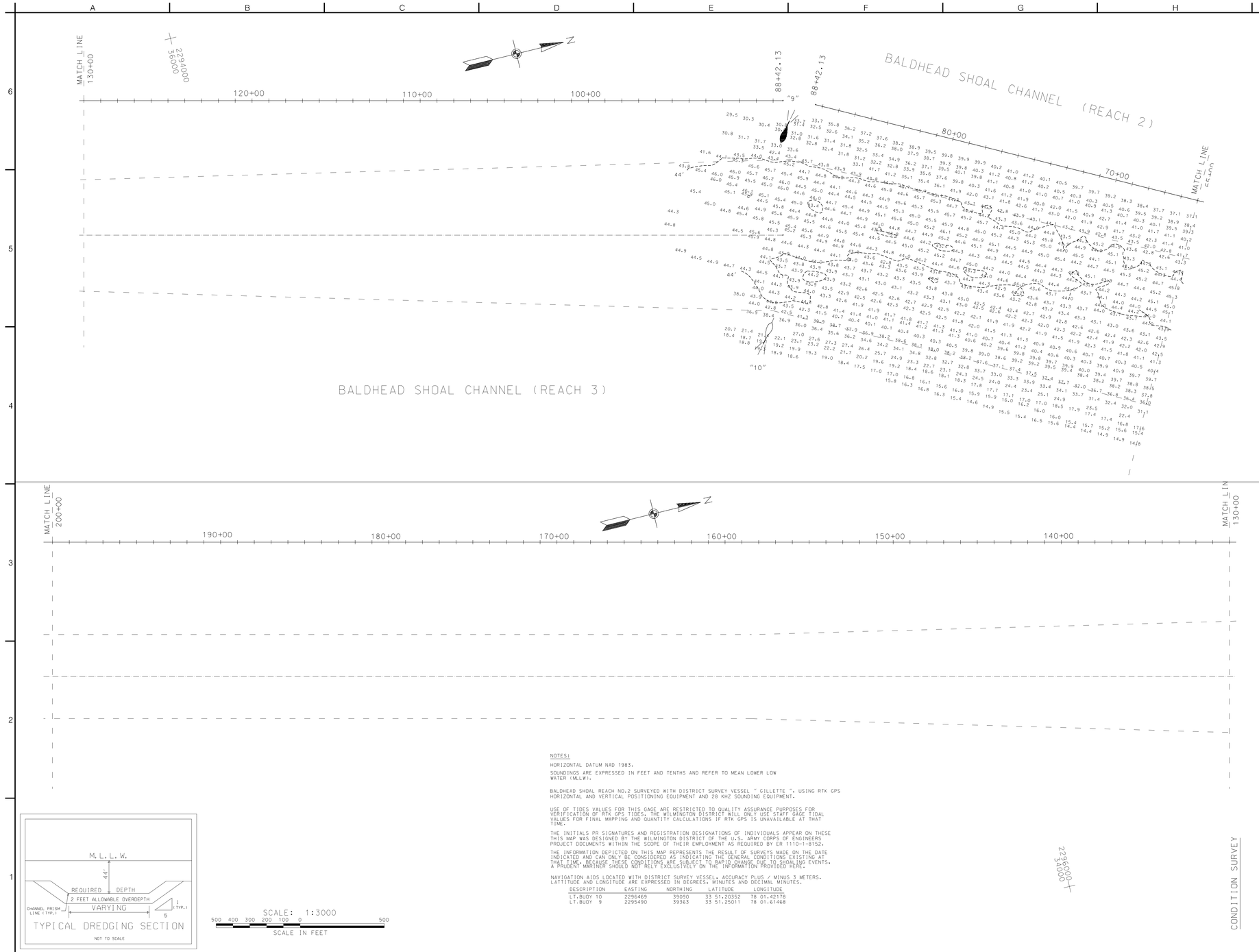

SCALE: 1:3000

500 400 300 200 100 0 500

SCALE IN FEET

NOTES:

HORIZONTAL DATUM NAD 1983.

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).

BALDHEAD SHOAL REACH NO.2 SURVEYED WITH DISTRICT SURVEY VESSEL " GILLETTE ". USING RTK GPS HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

USE OF TIDES VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK GPS TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THAT TIME.

THE INITIALS PR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE THIS MAP WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. WATERWAY CHANNEL CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOAL ING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY PLUS / MINUS 3 METERS. LATTITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES. MINUTES AND DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LT.BUOY 10	2296469	39090	33 51.20352	78 01.42178
LT.BUOY 9	2295490	39363	33 51.25011	78 01.61468

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: MAS
DRAWN BY: DAVID A. SAUNDERS
CHECKED BY:
REVIEWED BY:
DATE: 13 OCT. 2004

APPROVED BY:
CHIEF, NAVIGATION BRANCH
DAVID B. ROBINSON
WN 105-04-127
SURVEYED:
12 OCTOBER 2004
FILE NAME: BHB0402D01
PLOT SCALE: 1:3000

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

WILMINGTON HARBOR, NC
BALHEAD SHOAL CHANNEL
STA. 65+00 – 200+00
REACH 2 AND REACH 3

PLATE NUMBER

SHEET ___ OF

.../3009SAEH/WILHBR/bh21012.dgn 10/13/2004 02:57:52 PM