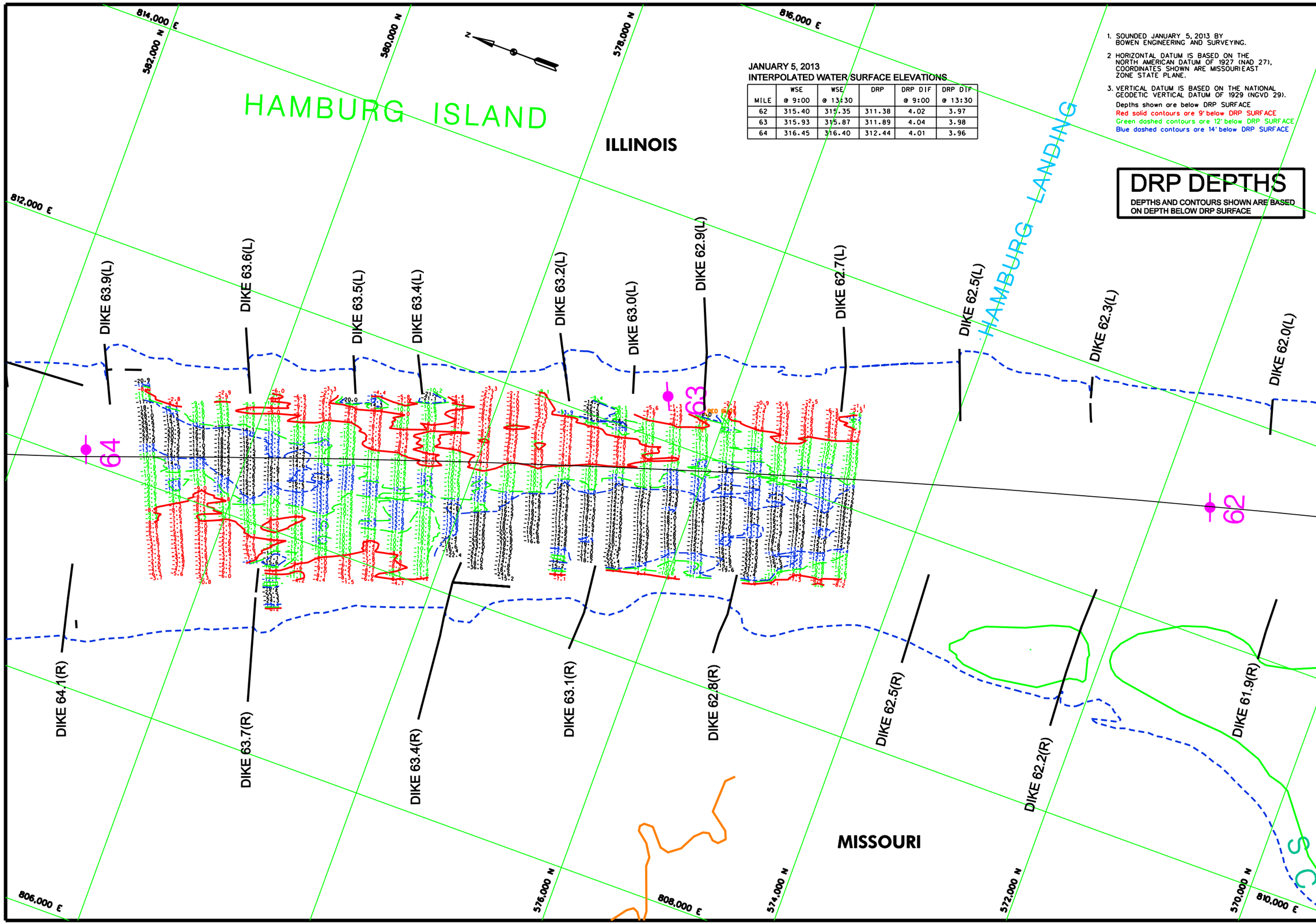

JANUARY 5, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 13:30	DRP	DRP DIF @ 9:00	DRP DIF @ 13:30
62	315.40	315.35	311.38	4.02	3.97
63	315.93	315.87	311.89	4.04	3.98
64	316.45	316.40	312.44	4.01	3.96

1. SOUNDED JANUARY 5, 2013 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

Depths shown are below DRP SURFACE
Red solid contours are 9' below DRP SURFACE
Green dashed contours are 12' below DRP SURFACE
Blue dashed contours are 14' below DRP SURFACE

DRP DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW DRP SURFACE

US Army Corps of Engineers
St. Louis District

THE MOCCASIN SPRINGS GAGE AT MILE 66.3 APPEARED TO BE MALFUNCTIONING AT THE TIME OF THE SURVEYS.

GAGE RECORD		
	CAPE GIRARDEAU, MO	GRAND TOWER, IL
ZERO N.G.V.D.	304.65	321.93
MILE	52.1	81.9
L. W. R. P.	309.9	325.3
05 JAN 2013	5.559(-00) 5.461(3:30)	3.939(-00) 3.941(3:30)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. ILLINOIS C.S.

Surveyed by: BOWEN ENGINEERING
Survey Date: JANUARY 5, 2013
Drawn by: x
Chkd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: MMDDYYYY:hhmmss
File name: MISSISSIPPI.SURVEY.DRP.DEPTH.CONTOURS

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 400 0 0 240 METERS 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED. IT IS PRESENTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PRE DREDGE SURVEY
RIVER MILES 63.9 – 62.7

PLATE NUMBER
XX