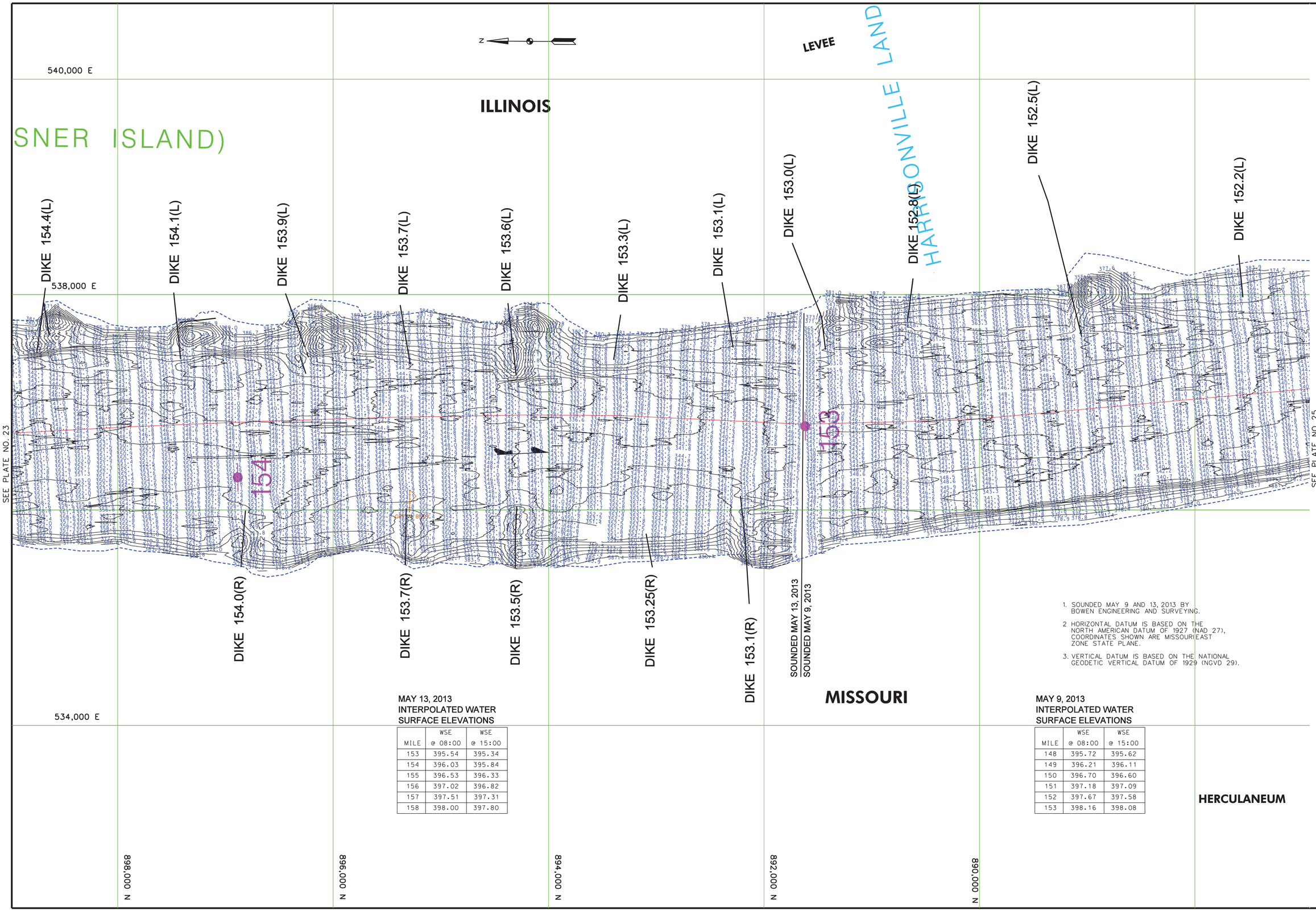


MAY 13, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
153	395.54	395.34
154	396.03	395.84
155	396.53	396.33
156	397.02	396.82
157	397.51	397.31
158	398.00	397.80

MAY 9, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
148	395.72	395.62
149	396.21	396.11
150	396.70	396.60
151	397.18	397.09
152	397.67	397.58
153	398.16	398.08

1. SOUNDED MAY 9 AND 13, 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L.W.R.P.	356.2	361.0	367.4	376.4
09 MAY 2013	32.078(00) 33.941S(00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.23S(00) 31.21S(00)
13 MAY 2013	29.39S(00) 29.20(15.00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	28.70S(00) 28.49(15.00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. G.W.P.: 154,000 C.F.S.

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

UPPER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: May 9 and 13, 2013
Drawn by: X
Reviewed by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
File name: ###########################
Plot date: ##########

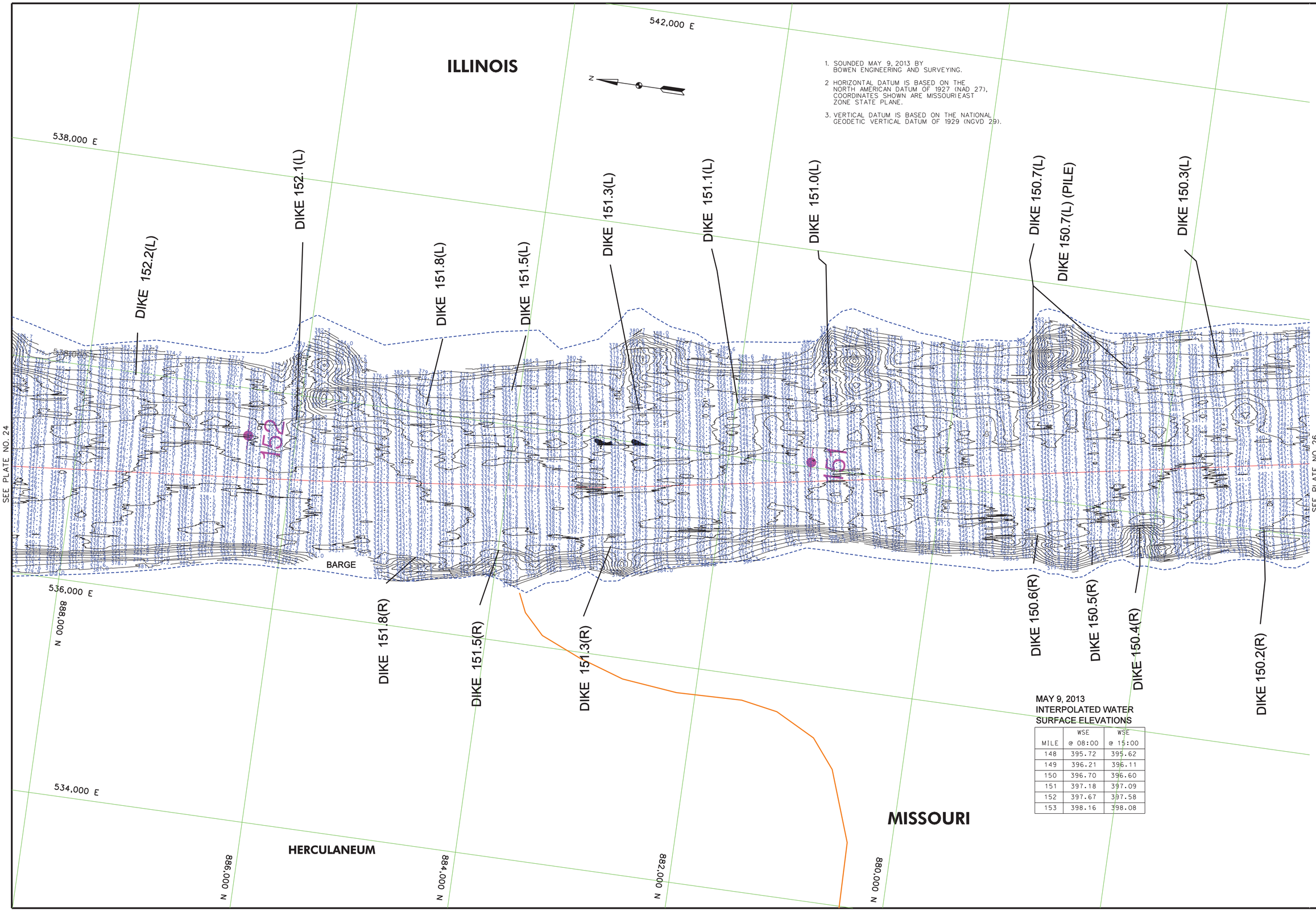
240 METERS 0 120
800 FEET 0 400

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THE SURVEYS WERE MADE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

HYDROGRAPHIC SURVEYS

RIVER MILES 152.2 – 154.4

PLATE NUMBER
24



1. SOUNDED MAY 9, 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).

MAY 9, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
148	395.72	395.62
149	396.21	396.11
150	396.70	396.60
151	397.18	397.09
152	397.67	397.58
153	398.16	398.08

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L. W. R. P.	356.2	361.0	367.4	376.4
09 MAY 2013	32.07(8:00) 313415:00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	312(8:00) 312(15:00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. G:\#RIP\154-000 C.F.S.1

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

UPPER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: May 9, 2013
Drawn by: X
Reviewed by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
File name: ##########FILESPECIFICATION####
Plot date: ##########DATE/TIME####

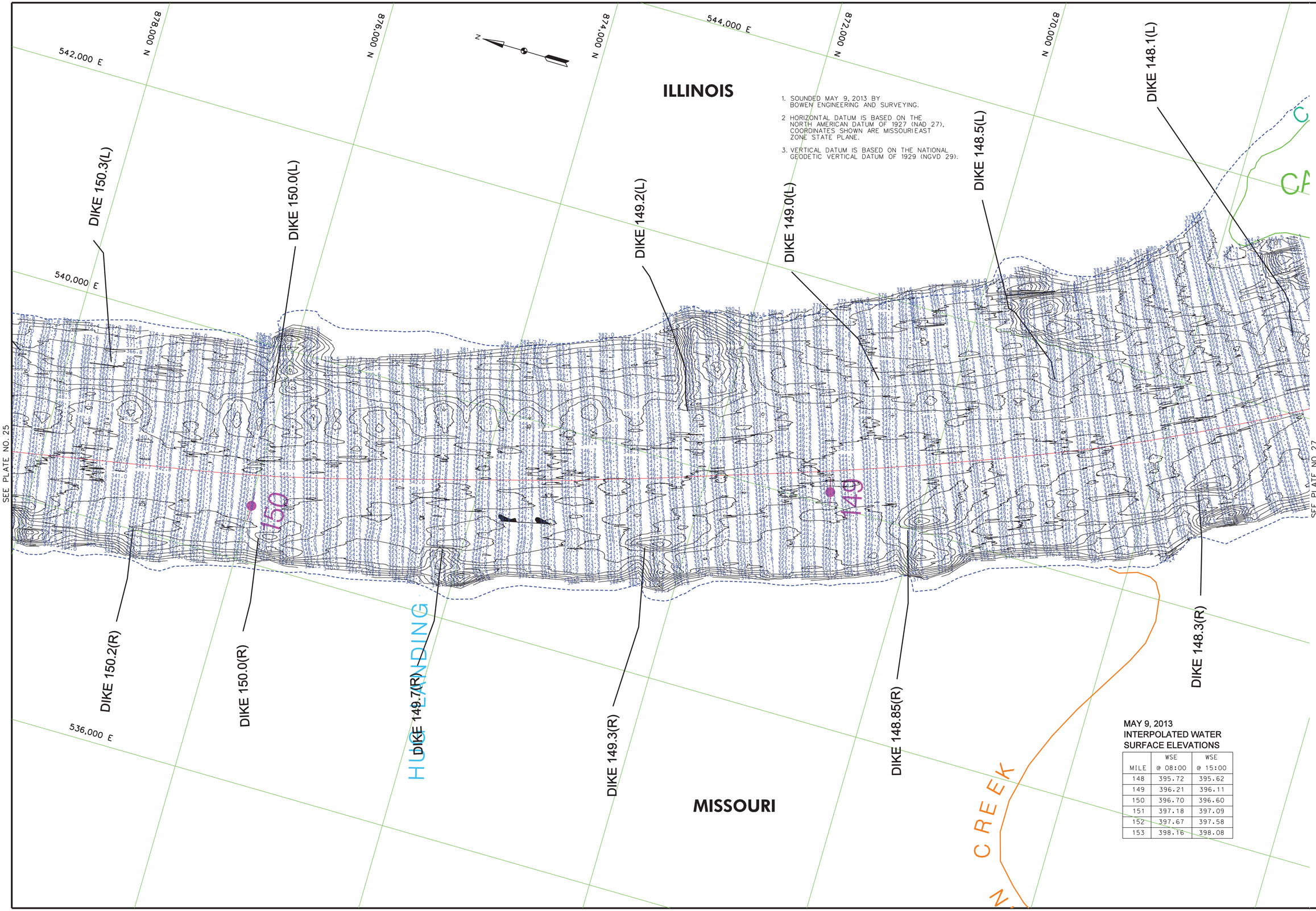
HYDROGRAPHIC SURVEYS

RIVER MILES 150.2 – 152.2

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME INDICATED AND MAY NOT BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PLATE NUMBER
25



MAY 9, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
148	395.72	395.62
149	396.21	396.11
150	396.70	396.60
151	397.18	397.09
152	397.67	397.58
153	398.16	398.08

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L.W.R.P.	356.2	361.0	367.4	376.4
09 MAY 2013	32.0718:00	31.9415:00	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.2318:00	31.2015:00

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

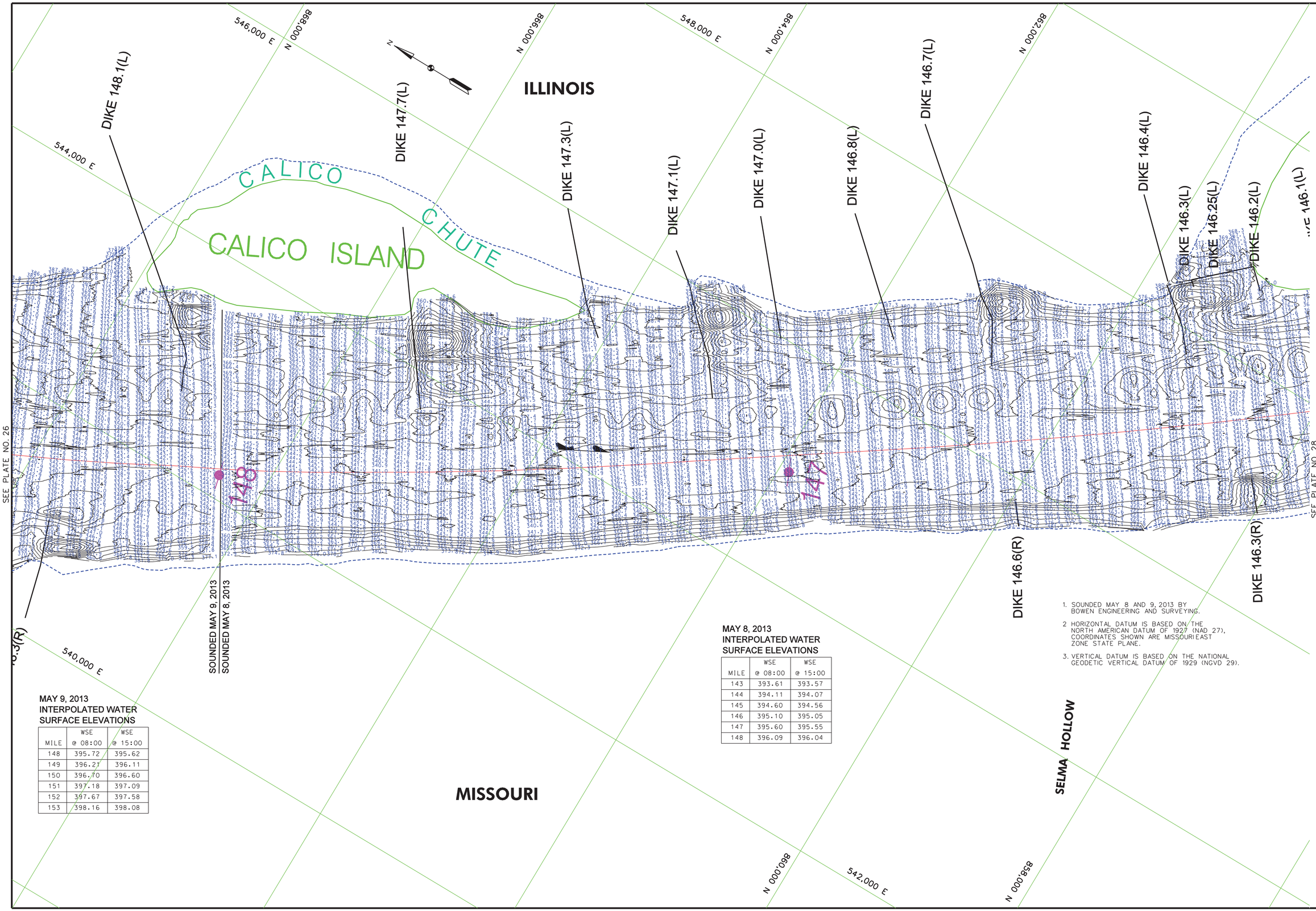
Surveyed by: BOWEN ENGINEERING
Survey Date: May 9, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ####DATE:TIME####
File name: ####DESIGNFILEDESCRIPTION####

120 400 0 0 120 240 METERS
400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THEY ARE PRESENTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 148.3 – 150.3

PLATE NUMBER
26



MAY 9, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
148	395.72	395.62
149	396.21	396.11
150	396.70	396.60
151	397.18	397.09
152	397.67	397.58
153	398.16	398.08

MAY 8, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
143	393.61	393.57
144	394.11	394.07
145	394.60	394.56
146	395.10	395.05
147	395.60	395.55
148	396.09	396.04

1. SOUNDED MAY 8 AND 9, 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L.W.R.P.	356.2	361.0	367.4	376.4
08 MAY 2013	32.36ft(00) 32.34ft(-00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.81ft(00) 31.69ft(-00)
09 MAY 2013	32.07ft(00) 31.94ft(-00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.23ft(00) 31.21ft(-00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1954-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

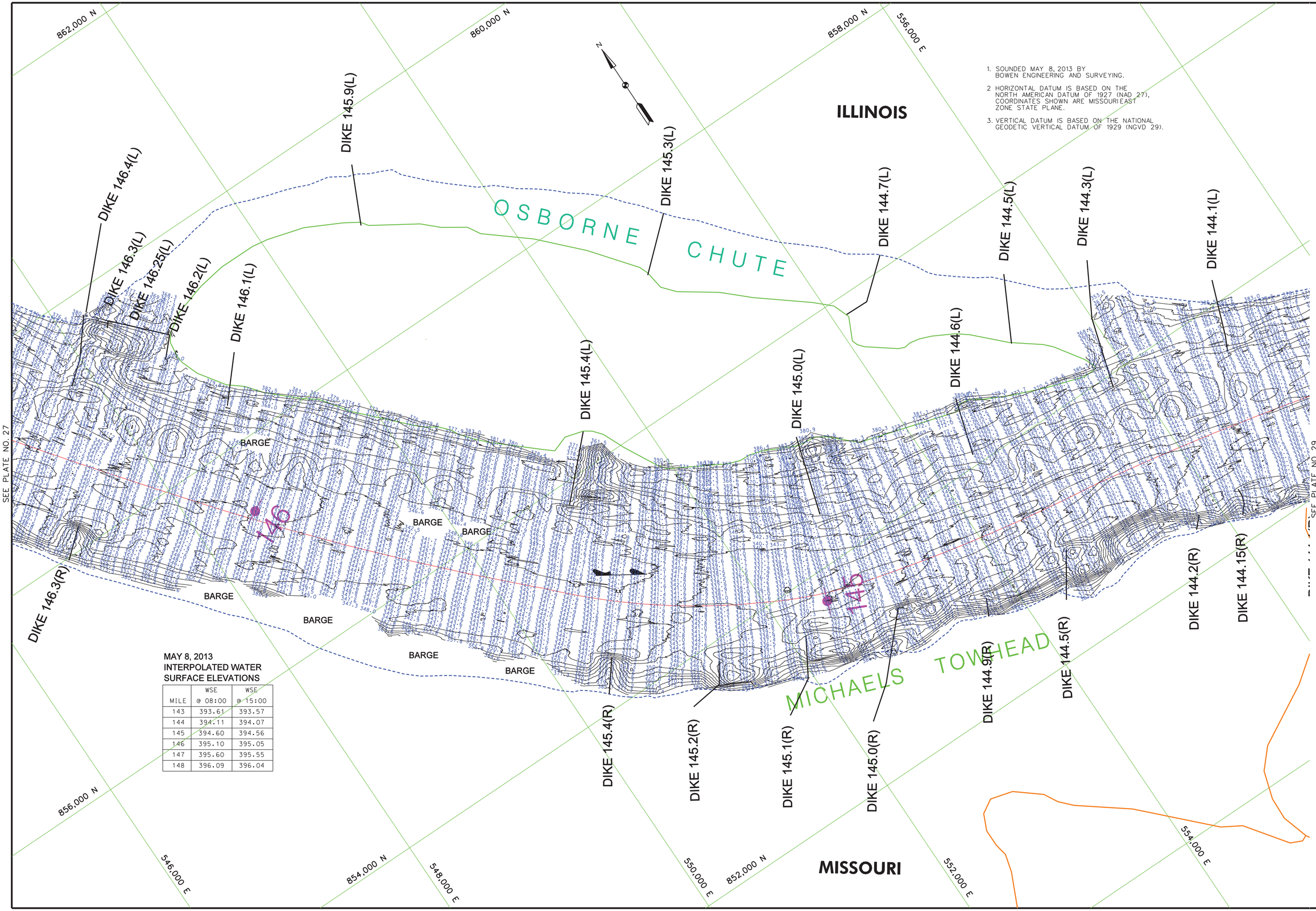
Surveyed by: BOWEN ENGINEERING
Survey Date: May 8 and 9, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ##########
File name: ##########

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SOUNDINGS MADE BY BOWEN ENGINEERING AND SURVEYING AT THE TIME AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS
RIVER MILES 146.2 – 148.3

PLATE NUMBER
27



1. SOUNDED MAY 8, 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).

MAY 8, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
143	393.61	393.57
144	394.11	394.07
145	394.60	394.56
146	395.10	395.05
147	395.60	395.55
148	396.09	396.04

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L. W. R. P.	356.2	361.0	367.4	376.4
08 MAY 2013	32.36(8:00) 32.34(15:00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.83(8:00) 31.69(15:00)

ELEVATIONS ARE REFERENCED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. G:\#KP\154.000 C.F.S.\

Surveyed by: BOWEN ENGINEERING
Survey Date: May 8, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ######DATE/TIME######
File name: ######DESIGNFILEDIRECTORY\FILENAME######

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

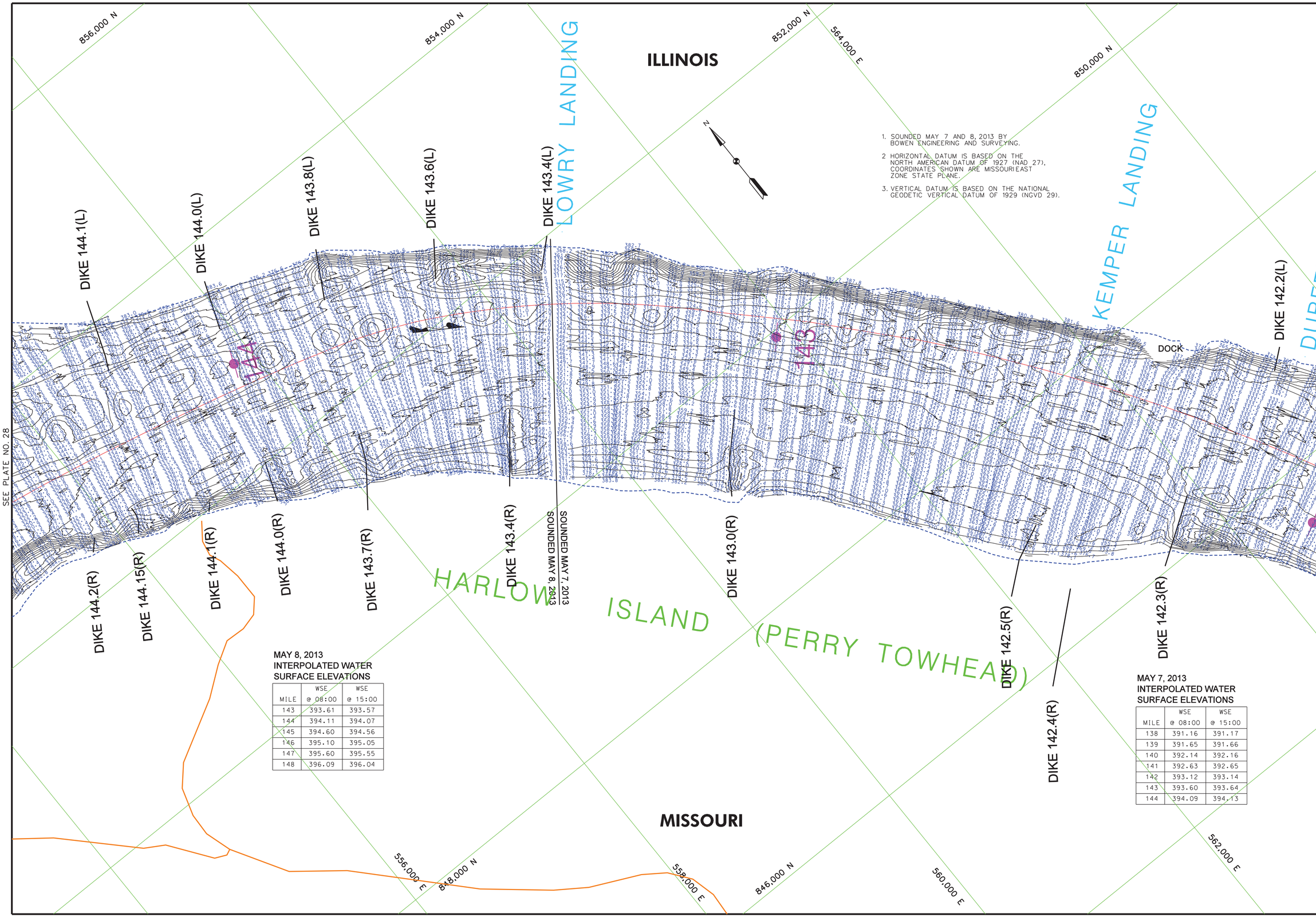
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THE SCALE IS AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

120 400 0 0 120 240 METERS
400 800 FEET

HYDROGRAPHIC SURVEYS

RIVER MILES 144.2 – 146.2

PLATE NUMBER
28



1. SOUNDED MAY 7 AND 8, 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).

MAY 8, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
143	393.61	393.57
144	394.11	394.07
145	394.60	394.56
146	395.10	395.05
147	395.60	395.55
148	396.09	396.04

MAY 7, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
138	391.16	391.17
139	391.65	391.66
140	392.14	392.16
141	392.63	392.65
142	393.12	393.14
143	393.60	393.64
144	394.09	394.13

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING, MO	SELMA, MO	WATER'S POINT	ST. LOUIS, MO
ZERO N.G.V.D.	357.78	0.00	370.39	379.94
MILE	136.0	145.8	158.5	179.6
L.W.R.P.	356.2	361.0	367.4	376.4
07 MAY 2013	32.408(00) 32.401(5:00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.578(00) 31.77(15:00)
08 MAY 2013	32.368(00) 32.341(5:00)	DAMAGED - NOT USABLE	DAMAGED - NOT USABLE	31.838(00) 31.69(15:00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: May 7 and 8, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ##########
File name: ##########

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

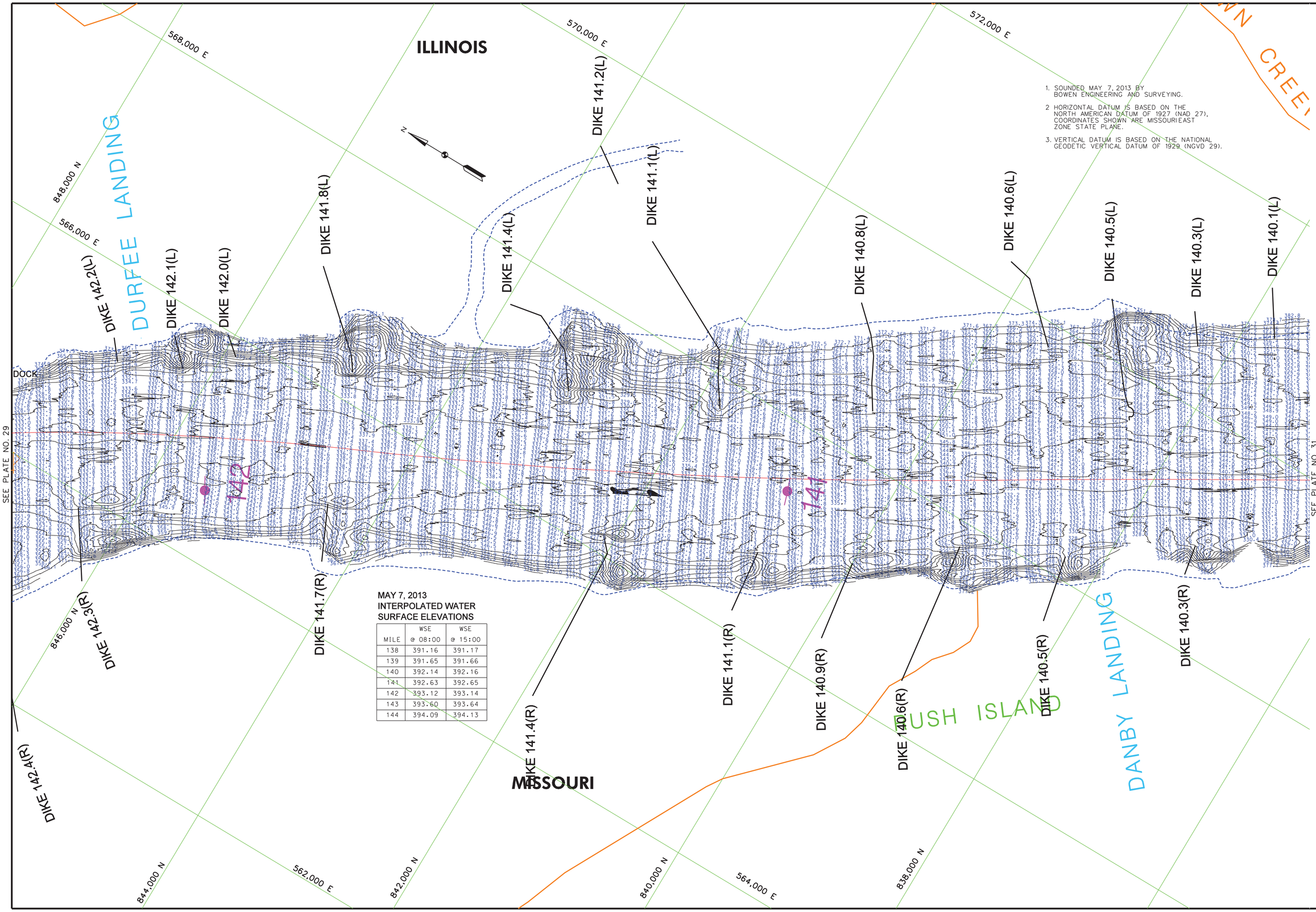
120 400 0 0 120 240 METERS
400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY BOWEN ENGINEERING AT THE TIME OF SURVEY AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS

RIVER MILES 142.2 – 144.2

PLATE NUMBER
29



MAY 7, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
138	391.16	391.17
139	391.65	391.66
140	392.14	392.16
141	392.63	392.65
142	393.12	393.14
143	393.60	393.64
144	394.09	394.13

1. SOUNDED MAY 7, 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	CHESTER, IL	BRICKEY'S LANDING, MO	SELMA, MO	ST. LOUIS, MO
ZERO N.G.V.D.	341.05	357.78	0.00	379.94
MILE	109.9	136.0	145.8	179.6
L. W. R. P.	340.4	356.2	361.0	376.4
07 MAY 2013	X	32.40(8:00) 32.40(15:00)	DAMAGED - NOT USABLE	31.57(8:00) 31.77(15:00)

ELEVATIONS ARE REFERENCED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. (L.W.R.P.) (54,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: May 7, 2013
Drawn by: X
Chkd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ####DATE-TIME####
File name: ####DESIGNFILEBRIEFDESCRIPTION####

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

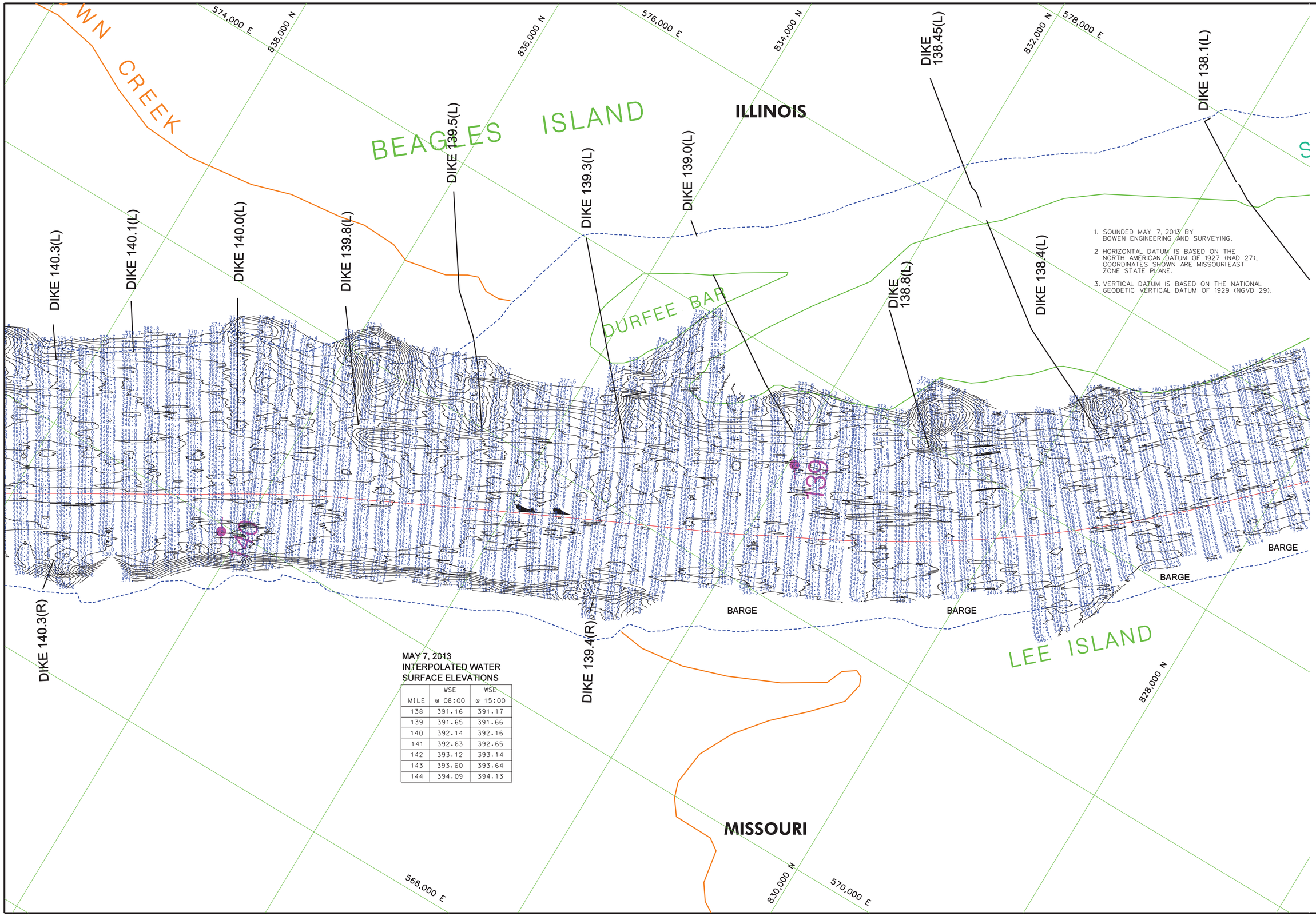
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

HYDROGRAPHIC SURVEYS
RIVER MILES 140.2 – 142.2

240 METERS 120 0 120 400
800 FEET 400 0 400 800

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE IN THE AREA AND BY THE METHODS INDICATED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PLATE NUMBER
30



1. SOUNDED MAY 7, 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).

MAY 7, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
138	391.16	391.17
139	391.65	391.66
140	392.14	392.16
141	392.63	392.65
142	393.12	393.14
143	393.60	393.64
144	394.09	394.13

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	CHESTER, IL	BRICKEYS LANDING, MO	SELMA, MO	ST. LOUIS, MO
ZERO N.G.V.D.	341.05	357.78	0.00	379.94
MILE	109.9	136.0	145.8	179.6
L.W.R.P.	340.4	356.2	361.0	376.4
07 MAY 2013	X	32.40(8:00) 32.40(15:00)	DAMAGED - NOT USABLE	31.57(8:00) 31.77(15:00)

ELEVATIONS ARE REFERENCED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. G:\#JOB\154.000 C.F.S.\

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: May 7, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ##########
File name: ##########DESIGN\FILE\RIT\CFCATCH.##

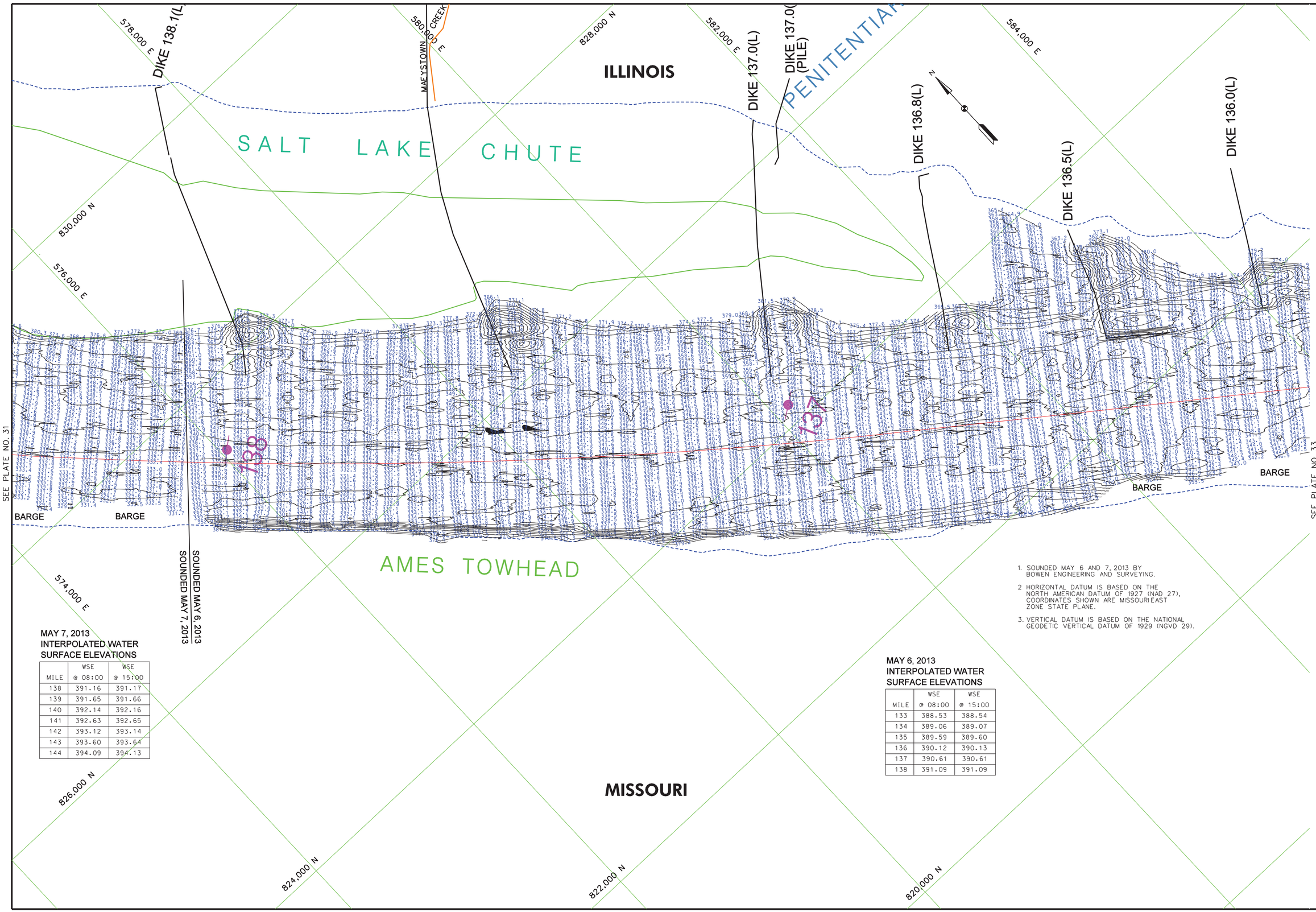
120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) SHOWN AND MAY NOT BE CORRECT AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

HYDROGRAPHIC SURVEYS

RIVER MILES 138.2 – 140.2

PLATE NUMBER
31



MAY 7, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
138	391.16	391.17
139	391.65	391.66
140	392.14	392.16
141	392.63	392.65
142	393.12	393.14
143	393.60	393.64
144	394.09	394.13

MAY 6, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
133	388.53	388.54
134	389.06	389.07
135	389.59	389.60
136	390.12	390.13
137	390.61	390.61
138	391.09	391.09

1. SOUNDED MAY 6 AND 7, 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	CHESTER, IL	BRICKEYS LANDING, MO	SELMA, MO	ST. LOUIS, MO
ZERO N.G.V.D.	341.05	357.78	0.00	379.94
MILE	109.9	136.0	145.8	179.6
L.W.R.P.	340.4	356.2	361.0	376.4
06 MAY 2013	35.24(8:00) 35.29(15:00)	32.34(8:00) 32.35(15:00)	DAMAGED - NOT USABLE	31.41(8:00) 31.22(15:00)
07 MAY 2013	X	32.40(8:00) 32.40(15:00)	DAMAGED - NOT USABLE	31.57(8:00) 31.77(15:00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: May 6 and 7, 2013
Drawn by: X
Ckd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ########/TIME#####
File name: ####DESIGN\FILE\FIGURE\FIGNAME####

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

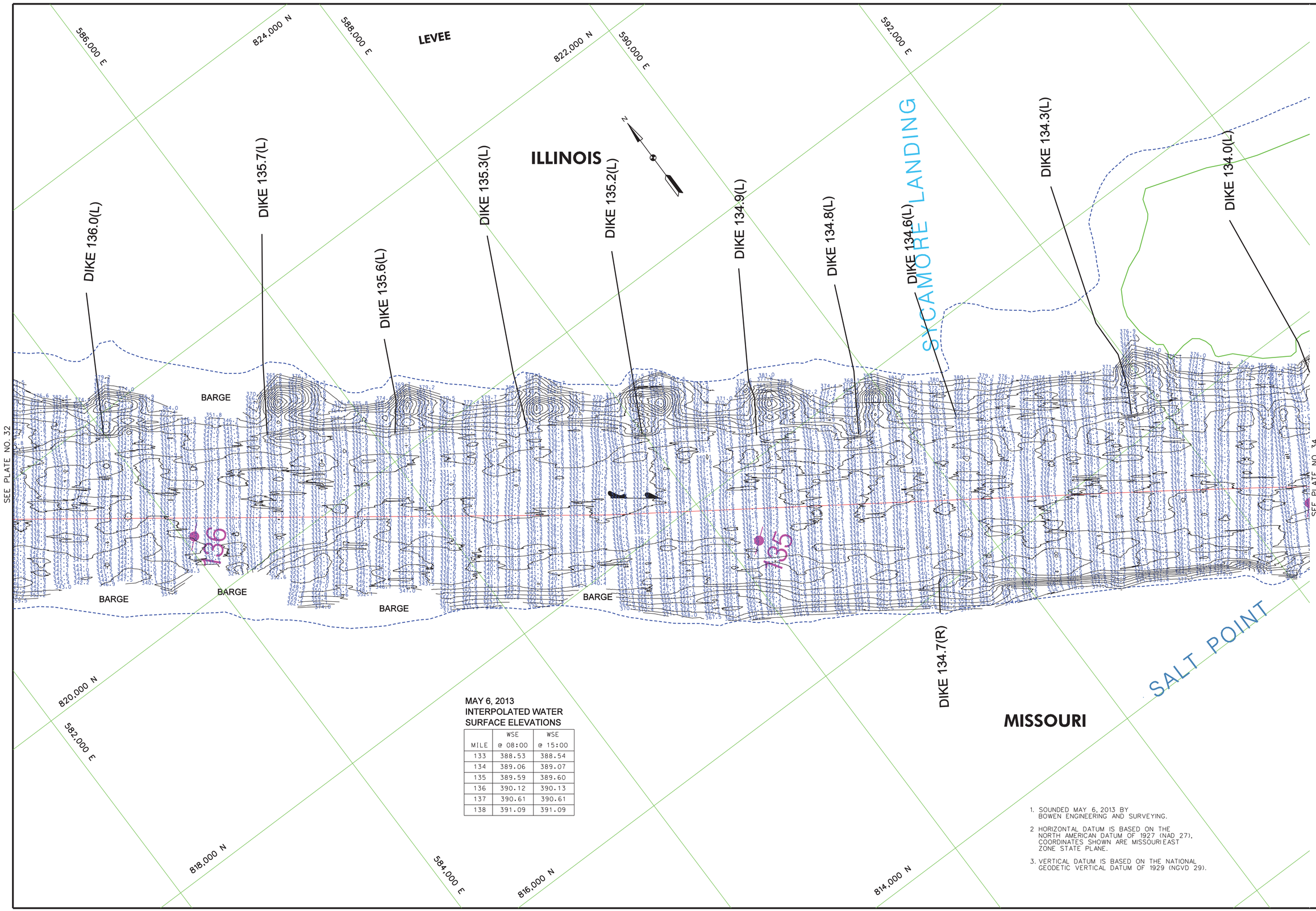
UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

HYDROGRAPHIC SURVEYS
RIVER MILES 136.2 – 138.2

120 400 0 0 120 240 METERS
400 800 FEET

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND IS INTENDED TO BE REPRESENTATIVE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PLATE NUMBER
32



MAY 6, 2013
INTERPOLATED WATER
SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
133	388.53	388.54
134	389.06	389.07
135	389.59	389.60
136	390.12	390.13
137	390.61	390.61
138	391.09	391.09

1. SOUNDED MAY 6, 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).

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BISHOPS LANDING, MO	CHESTER, IL	BRICKEYS LANDING, MO	ST. LOUIS, MO
ZERO N.G.V.D.	334.11	341.05	357.78	379.94
MILE	100.8	109.9	136.0	179.6
L.W.R.P.	335.4	340.4	356.2	376.4
06 MAY 2013	x	35.248(00) 35.29(15:00)	32.348(00) 32.35(15:00)	31.418(00) 31.22(15:00)

ELEVATIONS ARE REFERENCED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE. G.W.P.: 154,000 C.F.S.

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: May 6, 2013
Drawn by: X
Chkd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: ######DATE-TIME######
File name: ######DESIGNFILEBRIEFDESCRIPTION######

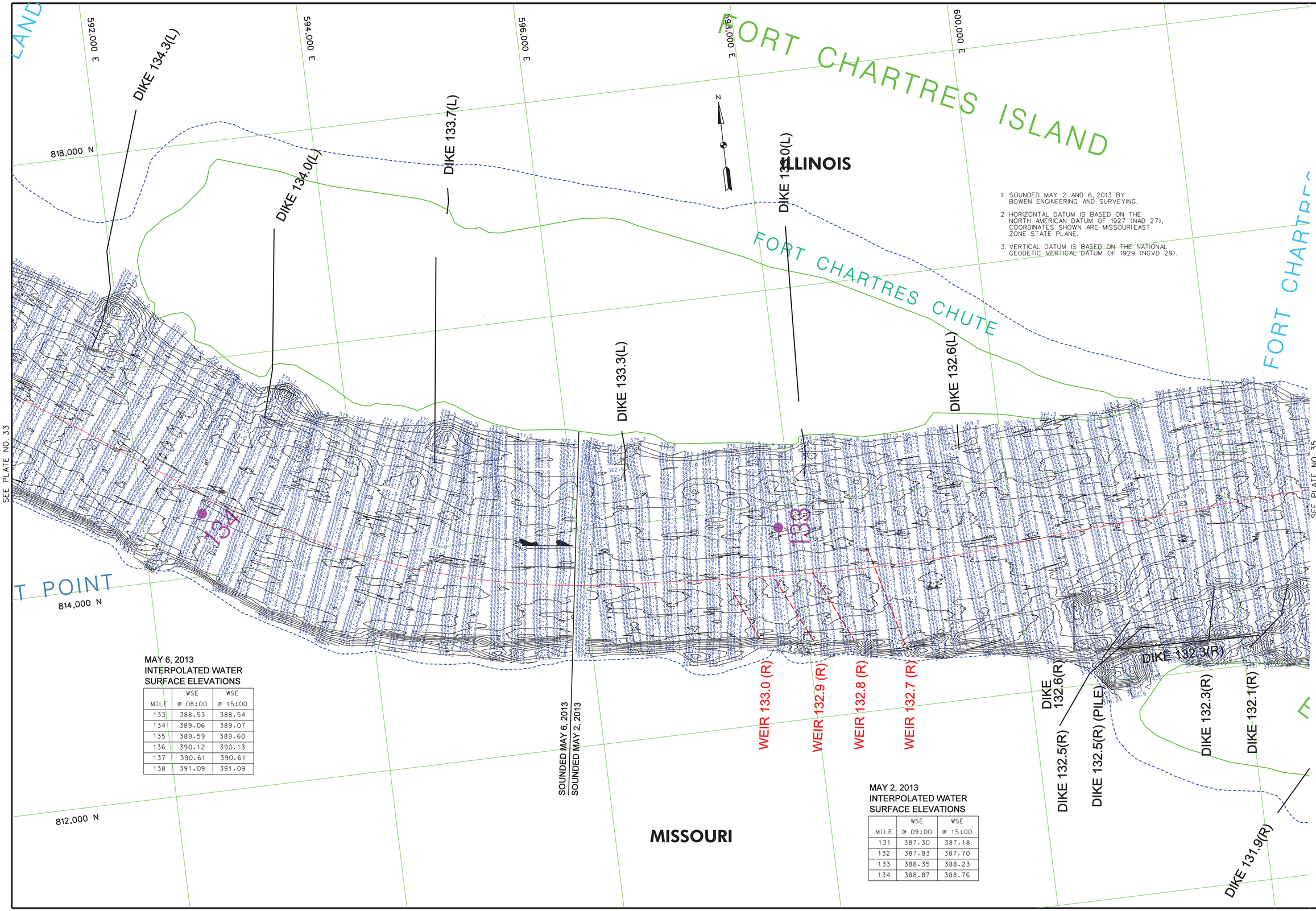
120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE DATE INDICATED AND IS INTENDED TO BE REPRESENTATIVE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

HYDROGRAPHIC SURVEYS

RIVER MILES 134.2 – 136.2

PLATE NUMBER
33



MAY 6, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 08:00	WSE @ 15:00
133	388.53	388.54
134	389.06	389.07
135	389.59	389.60
136	390.12	390.13
137	390.61	390.61
138	391.09	391.09

MAY 2, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 09:00	WSE @ 15:00
131	387.30	387.18
132	387.83	387.70
133	388.35	388.23
134	388.87	388.76