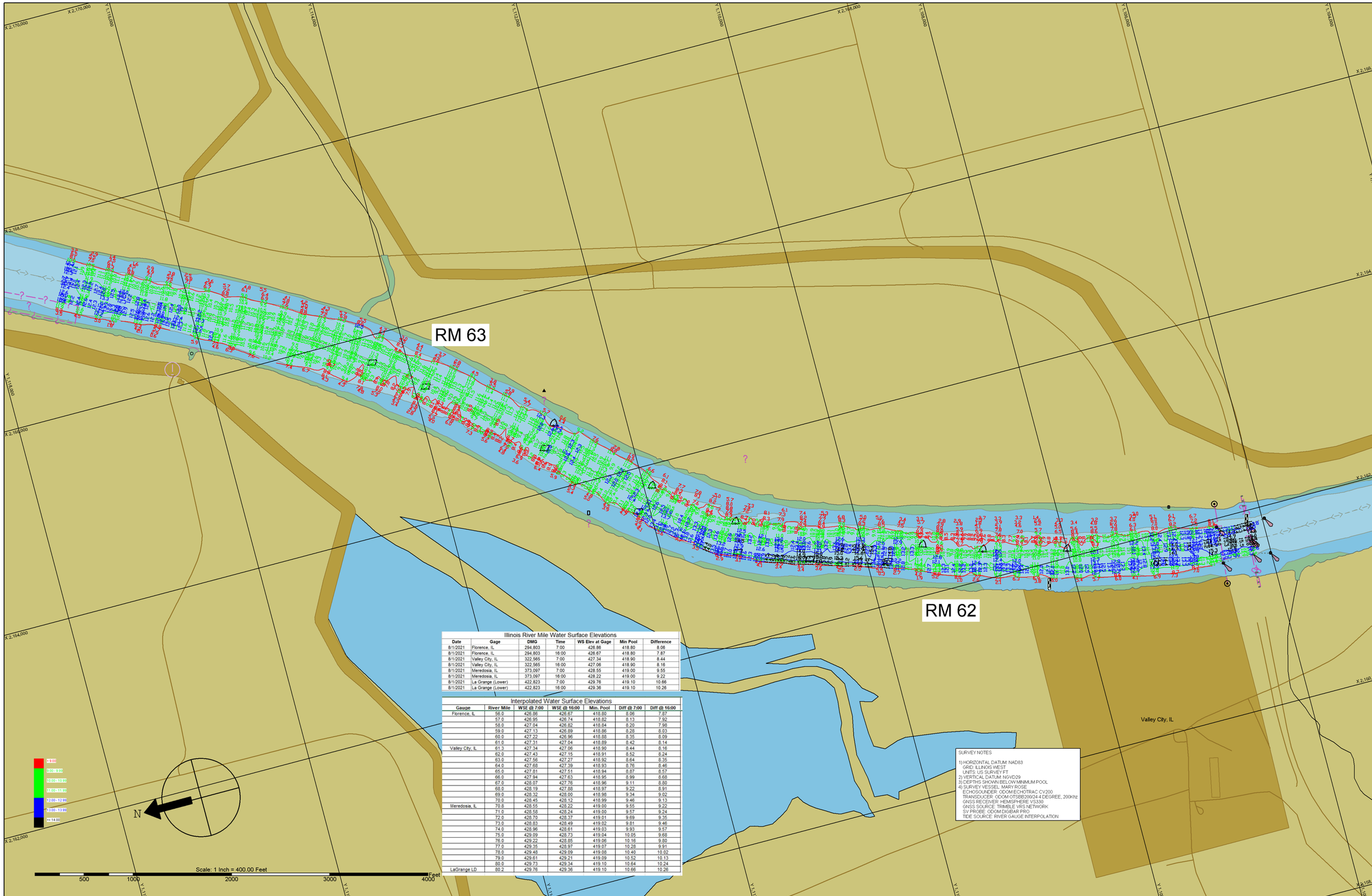

Illinois River Mile Water Surface Elevations

Date	Gage	DMG	Time	WS Elev at Gage	Min Pool	Difference
8/1/2021	Florence, IL	294.803	7:00	426.86	418.80	8.06
8/1/2021	Florence, IL	294.803	16:00	426.67	418.80	7.87
8/1/2021	Valley City, IL	322.565	7:00	427.34	418.90	8.44
8/1/2021	Valley City, IL	322.565	16:00	427.06	418.90	8.16
8/1/2021	Meredosia, IL	373.097	7:00	428.55	419.00	9.55
8/1/2021	Meredosia, IL	373.097	16:00	428.22	419.00	9.22
8/1/2021	La Grange (Lower)	422.823	7:00	429.76	419.10	10.66
8/1/2021	La Grange (Lower)	422.823	16:00	429.36	419.10	10.26

Interpolated Water Surface Elevations

Gauge	River Mile	WSE @ 7:00	WSE @ 16:00	Min. Pool	Diff @ 7:00	Diff @ 16:00
Florence, IL	56.0	426.86	426.67	418.80	8.06	7.87
	57.0	426.95	426.74	418.82	8.13	7.92
	58.0	427.04	426.82	418.84	8.20	7.98
	59.0	427.13	426.89	418.86	8.28	8.03
	60.0	427.22	426.96	418.88	8.35	8.09
	61.0	427.31	427.04	418.89	8.42	8.14
Valley City, IL	61.3	427.34	427.06	418.90	8.44	8.16
	62.0	427.43	427.15	418.91	8.52	8.24
	63.0	427.56	427.27	418.92	8.64	8.35
	64.0	427.68	427.39	418.93	8.76	8.46
	65.0	427.81	427.51	418.94	8.87	8.57
	66.0	427.94	427.63	418.95	8.99	8.68
	67.0	428.07	427.76	418.96	9.11	8.80
	68.0	428.19	427.88	418.97	9.22	8.91
	69.0	428.32	428.00	418.98	9.34	9.02
	70.0	428.45	428.12	418.99	9.46	9.13
Meredosia, IL	70.8	428.55	428.22	419.00	9.55	9.22
	71.0	428.58	428.24	419.00	9.57	9.24
	72.0	428.70	428.37	419.01	9.69	9.35
	73.0	428.83	428.49	419.02	9.81	9.46
	74.0	428.96	428.61	419.03	9.93	9.57
	75.0	429.09	428.73	419.04	10.05	9.68
	76.0	429.22	428.85	419.06	10.16	9.80
	77.0	429.35	428.97	419.07	10.28	9.91
	78.0	429.48	429.09	419.08	10.40	10.02
	79.0	429.61	429.21	419.09	10.52	10.13
	80.0	429.73	429.34	419.10	10.64	10.24
LaGrange LD	80.2	429.76	429.36	419.10	10.66	10.26

SURVEY NOTES

1) HORIZONTAL DATUM: NAD83
GRID: ILLINOIS WEST
UNITS: US SURVEY FT
2) VERTICAL DATUM: NGVD29
3) DEPTHS SHOWN BELOW MINIMUM POOL
4) SURVEY VESSEL: MARY ROSE
ECHOSOUNDER: ODOM ECHOTRAC CV200
TRANSDUCER: ODOM OTSB8200/24.4 DEGREE, 200khz
GNSS RECEIVER: HEMISPHERE VS330
GNSS SOURCE: TRIMBLE VRS NETWORK
SV PROBE: ODOM DIGIBAR PRO
TIDE SOURCE: RIVER GAUGE INTERPOLATION

St. Louis District

DATES OF SURVEY:
AUGUST 1ST 2021

FILE NO.: RM61.4-63.7_24x36
REQUEST NO.: ########

SCALE:
1" = 400'

FIELD BOOKS:

Approved: NAME
FIELD CARTOGRAPHER

Approved: NAME
CIVIL ENGINEERING TECHNICIAN

Approved: NAME
ASST. CHIEF OF SURVEY

Approved: NAME
CHIEF OF SURVEY

Date: AUGUST 01, 2021

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY:
SEAWORKS GROUP LLC
185 E MAIN ST STE. 414
BENTON HARBOR, MI 49022

LOWER ILLINOIS RIVER
BASIN
ILLINOIS RIVER

PRE-DREDGE SURVEY
RM 61.4-63.7

SHEET NO.

1 OF 1