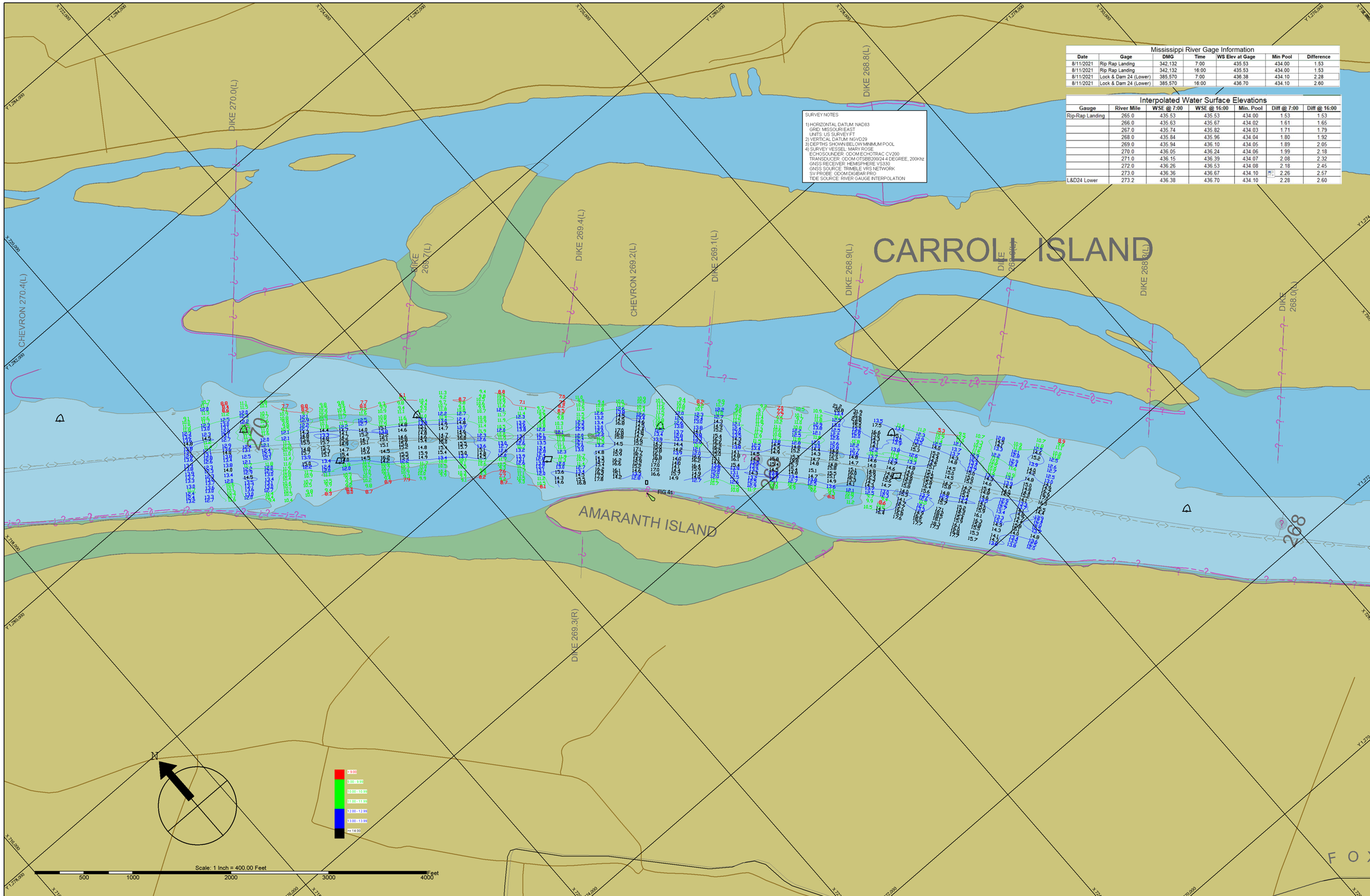

SURVEY NOTES

1) HORIZONTAL DATUM: NAD83
GRID: MISSOURI EAST
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 DTSB200/24 4 DEGREE, 200Khz
GNSS RECEIVER: HEMISPHERE VS330
GNSS SOURCE: TRIMBLE VRS NETWORK
SV PROBE: ODOM DIGIBAR PRO
TIDE SOURCE: RIVER GAUGE INTERPOLATION

Mississippi River Gage Information

Date	Gage	DMG	Time	WS Elev at Gage	Min Pool	Difference
8/11/2021	Rip Rap Landing	342,132	7:00	435.53	434.00	1.53
8/11/2021	Rip Rap Landing	342,132	16:00	435.53	434.00	1.53
8/11/2021	Lock & Dam 24 (Lower)	385,570	7:00	436.38	434.10	2.28
8/11/2021	Lock & Dam 24 (Lower)	385,570	16:00	436.70	434.10	2.60

Interpolated Water Surface Elevations

Gauge	River Mile	WSE @ 7:00	WSE @ 16:00	Min. Pool	Diff @ 7:00	Diff @ 16:00
Rip-Rap Landing	265.0	435.53	435.53	434.00	1.53	1.53
	266.0	435.63	435.67	434.02	1.61	1.65
	267.0	435.74	435.82	434.03	1.71	1.79
	268.0	435.84	435.96	434.04	1.80	1.92
	269.0	435.94	436.10	434.05	1.89	2.05
	270.0	436.05	436.24	434.06	1.99	2.18
	271.0	436.15	436.39	434.07	2.08	2.32
	272.0	436.26	436.53	434.08	2.18	2.45
	273.0	436.36	436.67	434.10	2.26	2.57
L&D24 Lower	273.2	436.38	436.70	434.10	2.28	2.60

St. Louis District

DATES OF SURVEY:
AUGUST 11, 2021

FILE NO.: RM268p5-270p1_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 11, 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

UPPER MISSISSIPPI RIVER
BASIN
MISSISSIPPI RIVER

POST-DREDGE SURVEY
POOL 25, MILES 268.5 - 270.1

SHEET NO.

1 OF 1