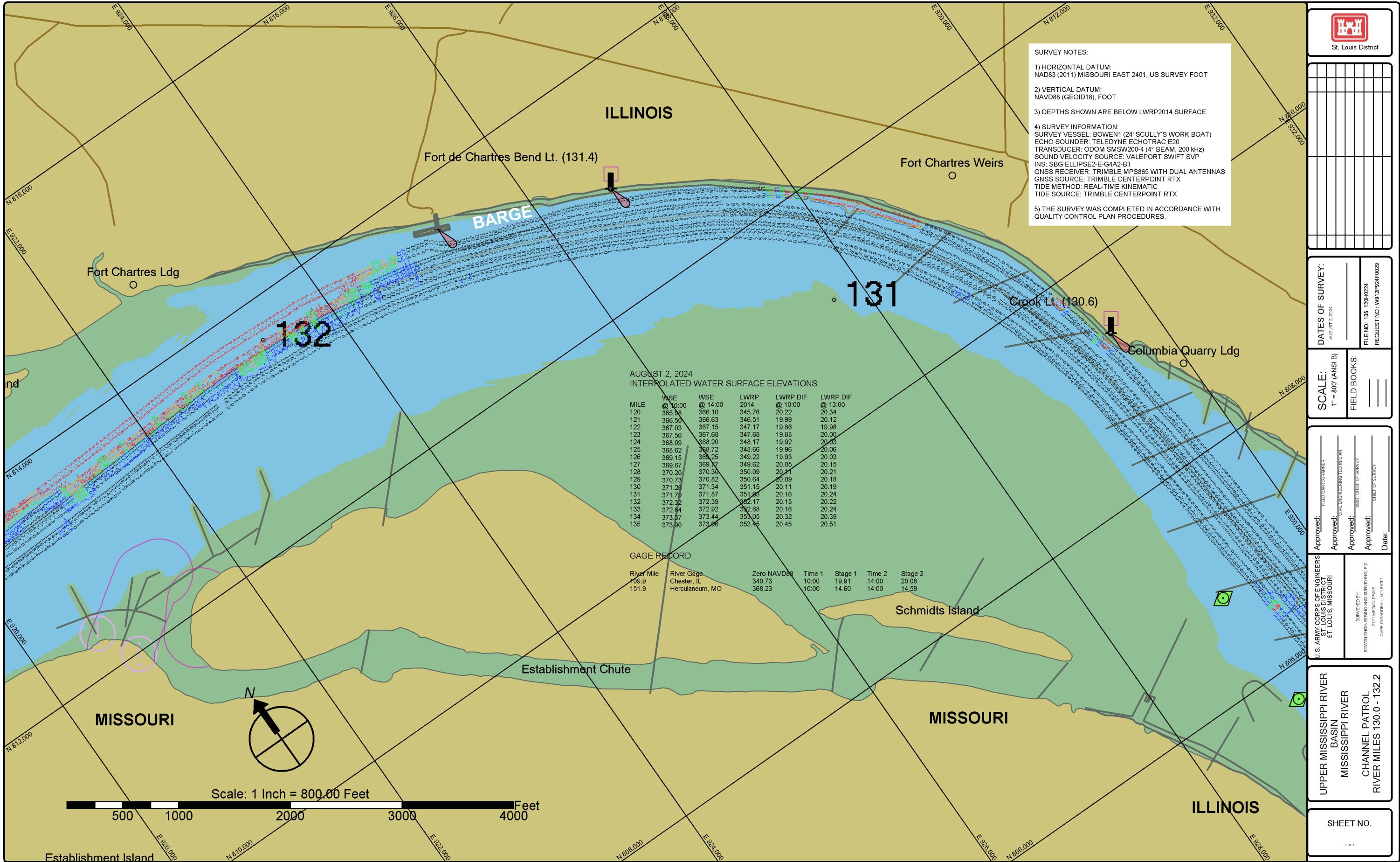




SURVEY NOTES:

1) HORIZONTAL DATUM:
NAD83 (2011) MISSOURI EAST 2401, US SURVEY FOOT

2) VERTICAL DATUM:
NAVD88 (GEOD18), FOOT

3) DEPTHS SHOWN ARE BELOW LWRP2014 SURFACE.

4) SURVEY INFORMATION:
SURVEY VESSEL: BOWEN1 (24' SCULLY'S WORK BOAT)
ECHO SOUNDER: TELEDYNE ECHOTRAC E20
TRANSDUCER: ODOM SMSW200-4 (4° BEAM, 200 kHz)
SOUND VELOCITY SOURCE: VALEPORT SWIFT SVP
INS: SBG ELLIPSE2-E-G4A2-B1
GNSS RECEIVER: TRIMBLE MPS865 WITH DUAL ANTENNAS
GNSS SOURCE: TRIMBLE CENTERPOINT RTX
TIDE METHOD: REAL-TIME KINEMATIC
TIDE SOURCE: TRIMBLE CENTERPOINT RTX

5) THE SURVEY WAS COMPLETED IN ACCORDANCE WITH
QUALITY CONTROL PLAN PROCEDURES.

AUGUST 2, 2024
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 13:00
120	365.98	366.10	345.76	20.22	20.34
121	366.50	366.63	346.51	19.99	20.12
122	367.03	367.15	347.17	19.86	19.98
123	367.56	367.68	347.69	19.88	20.00
124	368.09	368.20	348.17	19.92	20.05
125	368.62	368.72	348.66	19.96	20.06
126	369.15	369.25	349.22	19.93	20.03
127	369.67	369.77	349.62	20.05	20.15
128	370.20	370.30	350.09	20.11	20.21
129	370.73	370.82	350.64	20.09	20.18
130	371.26	371.34	351.15	20.11	20.19
131	371.79	371.87	351.63	20.16	20.24
132	372.32	372.39	352.17	20.15	20.22
133	372.84	372.92	352.68	20.16	20.24
134	373.37	373.44	353.05	20.32	20.39
135	373.90	373.96	353.45	20.45	20.51

GAGE RECORD

River Mile	River Gage	Zero NAVD88	Time 1	Stage 1	Time 2	Stage 2
109.9	Chester, IL	340.73	10:00	19.91	14:00	20.08
151.9	Herculaneum, MO	368.23	10:00	14.60	14:00	14.59

