

DEPARTMENT OF THE ARMY
VICKSBURG DISTRICT, CORPS OF ENGINEERS
4155 EAST CLAY STREET
VICKSBURG, MISSISSIPPI 39180-3435

NAVIGATION BULLETIN
NO. _ OF 2005

3 August 2005

SPECIAL NOTICE
MISSISSIPPI RIVER

Pile and stone dikes have been constructed in some reaches of the river where the navigable channel has been difficult to maintain. These dike systems have been effective in reducing low water flow in secondary channels and pointways, restricting the wide reaches and holding the channel in a good alignment for navigation. Similar type systems are planned for other reaches where it appears that they will be economically and structurally feasible.

The crown of the dikes usually slopes from the high bar or top bank toward the channel. The slope varies across back channels and bars. The elevations of the crowns of the dikes vary within a system. **The high point elevation of each system near the channel and near the shore is tabulated below.** The elevations are referenced to the nearest standard gages located upstream and downstream of the dike field and are based on the 1993 low water river slopes between the gages and the dike locations. The actual water surface elevations based on gage reading may vary a few feet at the structure due to changes in river conditions and variations in river slopes during rapidly changing river stages.

The stone structures could do severe damage to pleasure crafts, towboats, and barges in the event of collision. **Pile clusters 200 to 300 feet apart extend above the dike elevations on many stone dikes.** Drift and debris may lodge on dikes and make navigation over them hazardous. Passage of vessels over dikes may cause damage to both the vessel and the structure without actually striking the dike. We, therefore, request that navigators refrain from running over the dikes at all stages.

Sketches of the dike field and navigable channel are attached.

Dike field	Sheet No.	Mile	Approximate Elevation Referred to Local Gage		Gage	Type
			Dike Near Shore	End of Dike		
Island 70 (Vicksburg)	4	608.9-604.6L	38 30	13 05	Helena Arkansas City	Stone & Pile
Henrico (Memphis)	4/5	603.9-602.5R	22 15	18 11	Helena Arkansas City	Stone
Smith Point (Vicksburg)	5	600.5-600.2L	39 31	18 11	Helena Arkansas City	Stone & Pile
Big Island Weirs	5	599.6-598.8R	-16 -50	-16 -50	Helena Arkansas City	Stone
Victoria Bend	6	596.5-594.8R	24 16	19 15	Helena Arkansas City	Stone
Victoria Bend Weirs	6	595.6-594.9L	-17 -29	-17 -29	Helena Arkansas City	Stone
Montgomery Towhead	5/6	592.5-591.5R	13 6	06 -01	Helena Arkansas City	Stone & Pile
White River Landing	6/7	591.2-590.7R	21 23	07 09	Helena Arkansas City	Stone
Terrene	7	590.0-589.0L	16 18	11 13	Helena Arkansas City	Stone
Malone Field	7	585.7-585.2R	25 27	12 14	Helena Arkansas City	Stone
Malone Vane	7	585.0-583.9R		12 14	Helena Arkansas City	Stone
Ozark Island Closure	8	581.0R	03 48	-16 29	Helena Arkansas City	Stone
Below Prentiss	8	580.4-577.4L	39 41	-36 09	Helena Arkansas City	Stone
Above Ozark	8	580.2-579.9R	-02 43	-22 26	Helena Arkansas City	Stone
Catfish Point	9	571.2-570.2L	30 32	15 17	Helena Arkansas City	Stone

Dike field	Sheet No.	Mile	Approximate Elevation Referred to Local Gage			Type
			Dike Near Shore	End of Dike	Gage	
Chicot Landing	9	565.6-560.0R	30	-26	Helena	Stone
Ashbrook Cutoff	10	549.2-548.3L	15	14	Arkansas City	Stone & Pile
Ashbrook-Miller Bend	10	548.2-546.5R	24	01	Arkansas City	Stone
Ashbrook-Miller Bend	10	548.0-545.8L	29	09	Arkansas City	Stone
Island 82-Miller Bend	10	545.8-543.8L	24	15	Arkansas City	Stone
Island 82-Miller Bend	10	545.2-543.3R	32	10	Arkansas City	Stone
Leland Neck	11	541.2-540.3L	24	07	Arkansas City	Stone
Tarpley Cutoff	11	541.4-539.5R	25	11	Arkansas City	Stone
Leland Bar	11	536.3-536.6R	28	15	Arkansas City	Stone
Leland Vane	11	536.9-536.4R		16	Arkansas City	Stone
Warfield Point	11/12	535.3L	08	-04	Arkansas City	Stone
Island 84	11/12	534.8-531.9L	16	09	Arkansas City	Stone
Vaucluse Bendway Weirs	11/12	533.5-532.8	-08	-08	Greenville	Stone
Refuge	12/13	529.3-525.9L	44	39	Greenville	Stone
Anconia	13	527.0-526.0R	33	10	Greenville	Stone
Walnut Point	13	524.8-524.4L	31	09	Greenville	Stone
Seven Oaks	13	524.2-522.8R	41	23	Greenville	Stone & Pile
Island 86	14	520.6-517.1R	40	25	Greenville	Stone
Leota	14	515.4-513.0L	32	26	Greenville	Stone
Cracraft	14	513.0-512.6R	49	16	Greenville	Stone
Cracraft Lower	15	510.2-508.8R	36	25	Greenville	Stone
Carolina	15	509.7-509.0L	40	18	Greenville	Stone
Corregidor	15	505.8-505.1L	47	26	Greenville	Stone
Wilson Point	16	500.6-498.3R	36	25	Greenville	Stone
Baleshed Landing	16/17	494.6-490.2L	39	24	Greenville	Stone
Ben Lomond	17/18	488.6-485.3L	37	26	Greenville	Stone
Ben Lomond Vane	17/18	487.8-485.3L		26	Greenville	Stone
Ajax Bar	18	484.5-479.8L	42	14	Greenville	Stone
Point Lookout	19	477.9R	56	06	Greenville	Stone
Arcadia Point	20	471.2-468.5L	51	39	Greenville	Stone
Cottonwood Bar	20	471.3-471.1R	46	46	Greenville	Stone
Tennessee Bar	20	466.7-463.6L	18	-14	Greenville	Stone
Willow Cutoff	21	462.9-460.1R	51	33	Greenville	Stone
Forest Home Towhead	22	452.0-448.1L	52	26	Greenville	Stone
Marshall Cutoff	22	448.2-447.2R	42	21	Greenville	Stone
False Point	23	440.8-440.1R	49	25	Greenville	Stone
Delta Point	23	439.6-438.5R	28	20	Greenville	Stone
			22	15	Vicksburg	

**Approximate Elevation
Referred to Local Gage**

Dike field	Sheet No.	Mile	Dike End		Gage	Type
			Near Shore	of Dike		
Racetrack Towhead	24	432.8-430.2R	28 33	18 23	Vicksburg Natchez	Car Bodies & Stone
Below Racetrack	24	432.9-430.2L	33 38	10 15	Vicksburg Natchez	Stone & Pile
Below Racetrack Stone Extensions	24	431.5-426.9L	36 41	31 36	Vicksburg Natchez	Stone
Diamond Cutoff	25	424.0-422.5L	32 33	13 23	Vicksburg Natchez	Stone
Newtown Bend	25	421.1-419.5R	35 41	16 21	Vicksburg Natchez	Stone
Togo Island	26	417.0-413.2L	43 48	15 21	Vicksburg Natchez	Stone
Yucatan	26	410.4-407.4R	42 35	14 12	Vicksburg Natchez	Stone
Coffee Point	27	405.0-401.8R	40 46	09 14	Vicksburg Natchez	Stone
Below Grand Gulf	27/28	400.3-399.0L	40 38	00 10	Vicksburg Natchez	Stone
Bondurant Towhead	28	395.5-394.0R	38 43	07 12	Vicksburg Natchez	Stone
Browns Field	28/29	390.1-388.2R	35 41	17 23	Vicksburg Natchez	Stone
Cottage Bend	29	389.2-388.2L	44 50	25 31	Vicksburg Natchez	Stone
Spithead Towhead	29	386.3-384.3L	43 48	32 37	Vicksburg Natchez	Stone
Waterproof	30	380.5-378.4R	39 45	23 28	Vicksburg Natchez	Stone & Pile
Opposite Rifle Point	31	369.4-368.5L	43	17	Natchez	Stone
Rifle Point	31	368.6-367.6R	42	20	Natchez	Stone
Natchez Island	32	360.1-356.8R	46	20	Natchez	Stone
Opposite Warnicott Ldg	33	352.5-349.6L	38	03	Natchez	Stone & Pile
Esperance Point	33	348.2-345.9R	46	21	Natchez	Stone
Opposite Esperance Pt	33	347.8-346.8L	41	23	Natchez	Stone
Buck Island	34	339.7-338.5L	47	15	Natchez	Stone
Fritz Island	34	338.5-337.0R	40	17	Natchez	Stone
Jackson Point	35	331.4-330.3L	26	20	Natchez	Stone

Dike field	Sheet No.	Mile	Approximate Elevation Referred to Local Gage			Type
			Dike Near Shore	End of Dike	Gage	
Waterproof	23	380.5-378.4R	39 45	23 28	Vicksburg Natchez	Stone & Pile
Opposite Rifle Point	24	369.4-368.5L	43	17	Natchez	Stone
Rifle Point	24/25	368.6-367.6R	42	20	Natchez	Stone
Natchez Island	26	360.1-356.8R	46	20	Natchez	Stone
Opposite Warnicott Ldg	26/27	352.5-349.6L	38	03	Natchez	Stone & Pile
Esperance Point	27	348.2-345.9R	46	21	Natchez	Stone
Opposite Esperance Pt	27	347.8-346.8L	41	23	Natchez	Stone
Buck Island	28	339.7-338.5L	47	15	Natchez	Stone
Fritz Island	28	338.5-337.0R	40	17	Natchez	Stone
Jackson Point	28	331.4-330.3L	26	20	Natchez	Stone

DENNIS NORRIS

CHIEF, OPERATIONS DIVISION

2008 VICKSBURG DISTRICT NAVIGATION BULLETIN



INDEX OF REVETMENTS, DIKE AND WEIR SYSTEMS

REVETMENT NAME	MAP SHEET
ARK CITY-YELLOW BEND	6
ASHBROOK ISLAND	6
ASHLAND	23 24
BALESHED-STACK ISL	11 12
BARGE LINE TERMINAL	17
BELLE ISLAND	15
BIG ISLAND	2
BOUGERE BEND	29
CAROLINA	10
CARTHAGE	25 26
CATFISH POINT	4 5
COTTONWOOD	13 14
CRACRAFT	10
CYPRESS BEND	5
DEAD MAN'S BEND	28 29
DELTA POINT	17
DENNIS	1
DIAMOND	18 19
EUTAW-MOUNDS	5 6
FALSE POINT	16 17
FITLER	13
GIBSON	24
GILES CUTOFF	25
GLASSCOCK CUTOFF	27 28
GOLDBOTTOM	21
GOLDBOTTOM DETACHED	22
GOLDBOTTOM	22
GOODRICH	14 15
GRAND GULF	19 20 21
HA GAMAN	12 13
HARDSCRABBLE	21
HUNTINGTON POINT	6
ISLAND 82	6 7
ISLAND 84	8
KEMPE BEND	22 23
KINGS POINT	17
LAKE CONCORDIA	2
LAKEPORT	8 9
LELAND-LA GRANGE	7 8
MARSHALL-BROWN'S PT	16
MAYERSVILLE	11
MILLER BEND	7
MILLIKEN BEND	15 16
MORVILLE	26
NATCHEZ FRONT	25
OAK BEND	18
OPPOSITE DELTA POINT	17
OZARK	4 5
POINT PLEASANT	19
PRENTISS	3 4
RACETRACK	17
RAILROAD LANDING	27
REID BEDFORD	17 18
REFUGE	8
ROSDALE BEND	3
SARAH ISL-OPOSSUM PT	10 11
SMITH POINT	2
ST. CATHERINE BEND	26 27
SUNNY SIDE	8
TERRENE	2 3
TOGO ISLAND	19
VICTORIA BEND	2
WALNUT PT-KY BEND	9
WARFIELD POINT	7 8

DIKE SYSTEM	MAP SHEET
ABOVE GIBSON	24
ANCONIA CHUTE	9
ARCADIA POINT	14
ASHBROOK CUTOFF	6
ASHLAND	24
BALESHED LANDING	11 12
BELOW BELLE ISLAND	15
BELOW GRAND GULF	21
BELOW RACETRACK	17 18
BELOW YELLOW BEND DIKE	6
BEN LOMOND	12
BROWNS FIELD	22
BUCK ISLAND	28
CARTHAGE POINT	26
CATFISH POINT	5
CAULK NECK CUTOFF	4 5
COFFEE POINT	20
COTTONWOOD TF TIEBACK	14
CRACRAFT LOWER	10
DELTA POINT	17
FAIRCHILD ISLAND	24
FALSE POINT	17
FRITZ ISLAND	28
HARDSCRABBLE	21
ISLAND 70	1
ISLAND 78	6
ISLAND 84	8
ISLAND 86	9
LELAND BAR	7
LELAND NECK DIKES	7
LEOTA	10
MARSHALL CUTOFF	16
NATCHEZ ISLAND	25
NEWTOWN BEND	18 19
OPPOSITE ESPERANCE	26 27
OPPOSITE WARNICOTT LDG	26
POINT LOOKOUT	13
RACETRACK TOWHEAD	17
REFUGE	8
SEVEN OAKS	9
SMITH POINT	2
TARPLEY CUTOFF	7
TARPLEY ISLAND	7
TERRENE	3
TOGO ISLAND	19
UNION POINT	29
WARFIELD PT	8
WILLOW CUTOFF	15
WILSON POINT	11
YUCATAN DIKES	19

WEIR SYSTEMS	MAP SHEET
VICTORIA	2
VAUCLUSE	8

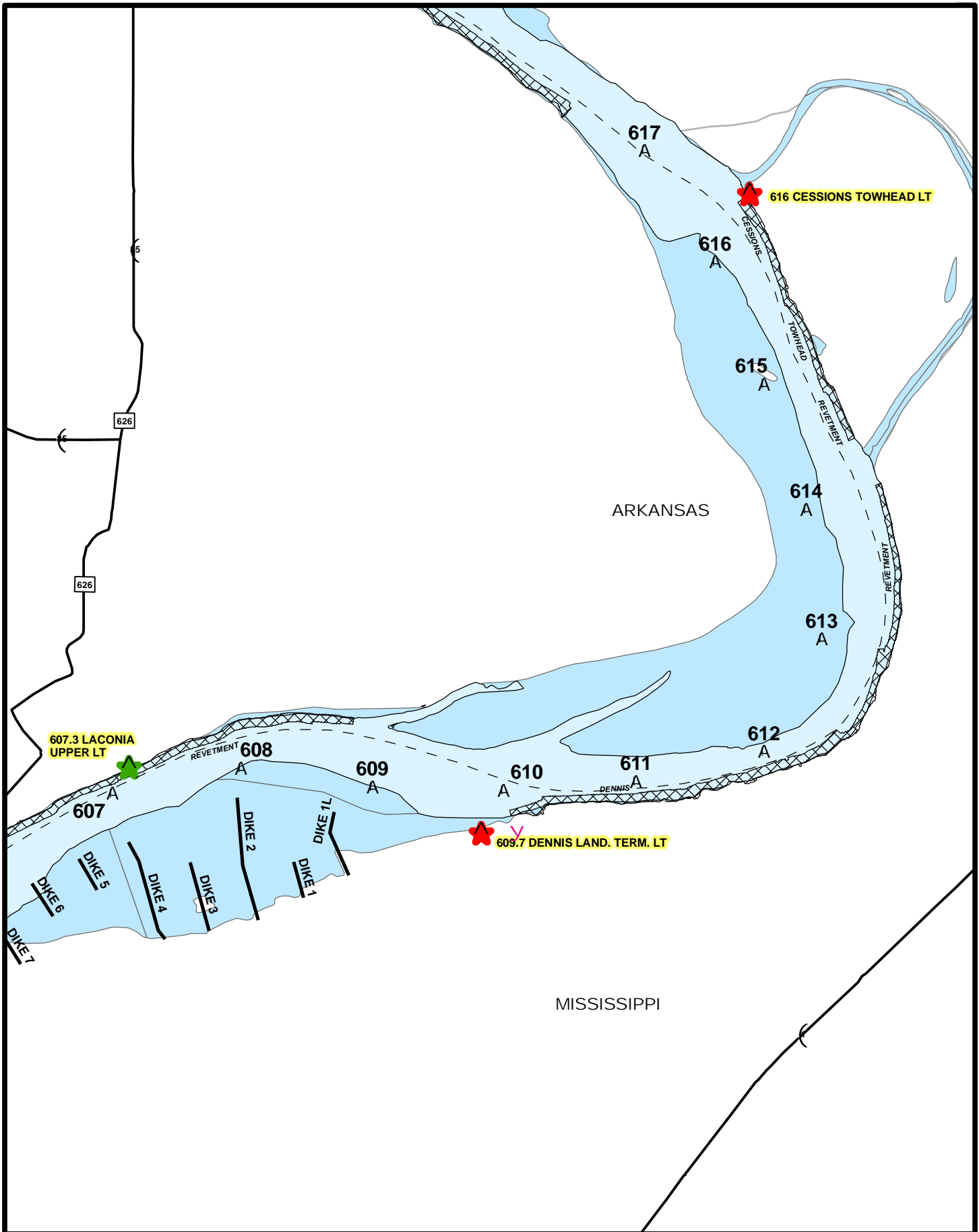
Legend

- Sailing Line
- ◆ River_Miles
- 🚤 Boat Ramps
- ▨ ACM Revetment
- Levee

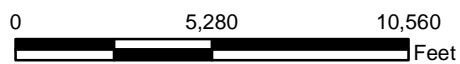
Navigation Light

- ★ NAV LT GREEN
- ★ NAV LT RED

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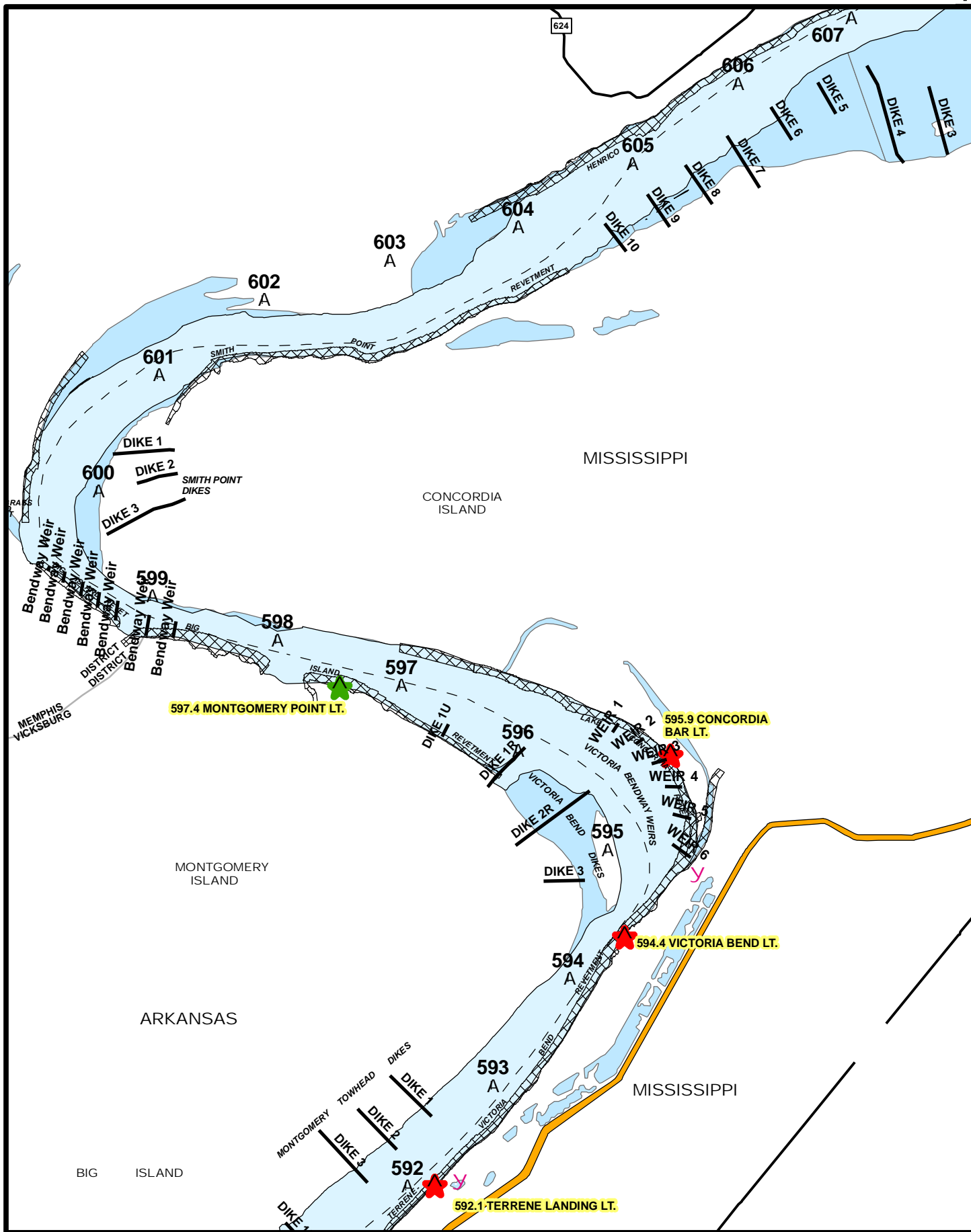


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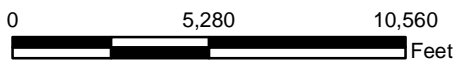


MAP NO. 01

VICKSBURG DISTRICT NAVIGATION BULLETIN

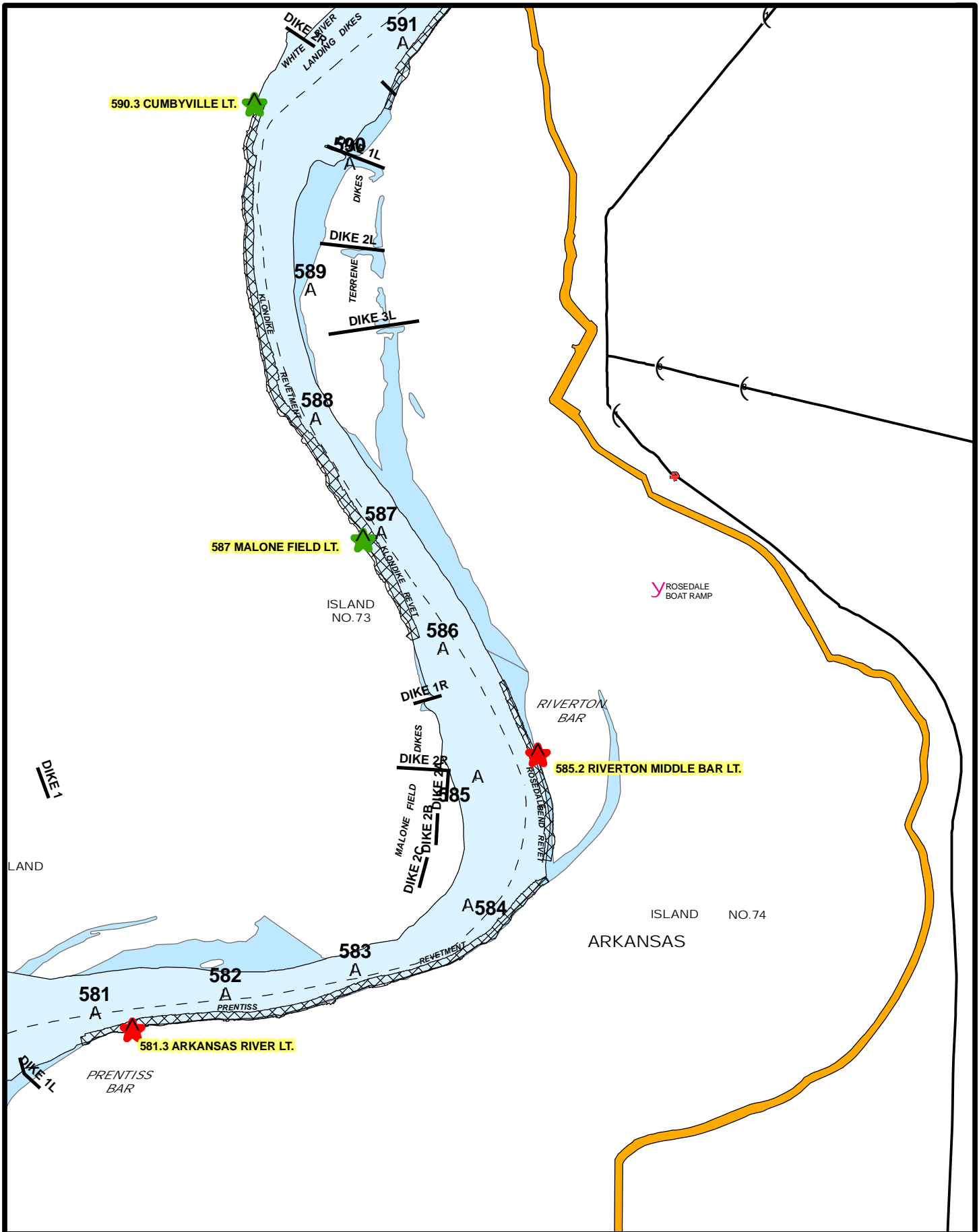


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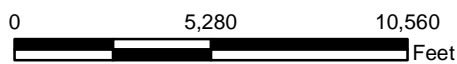


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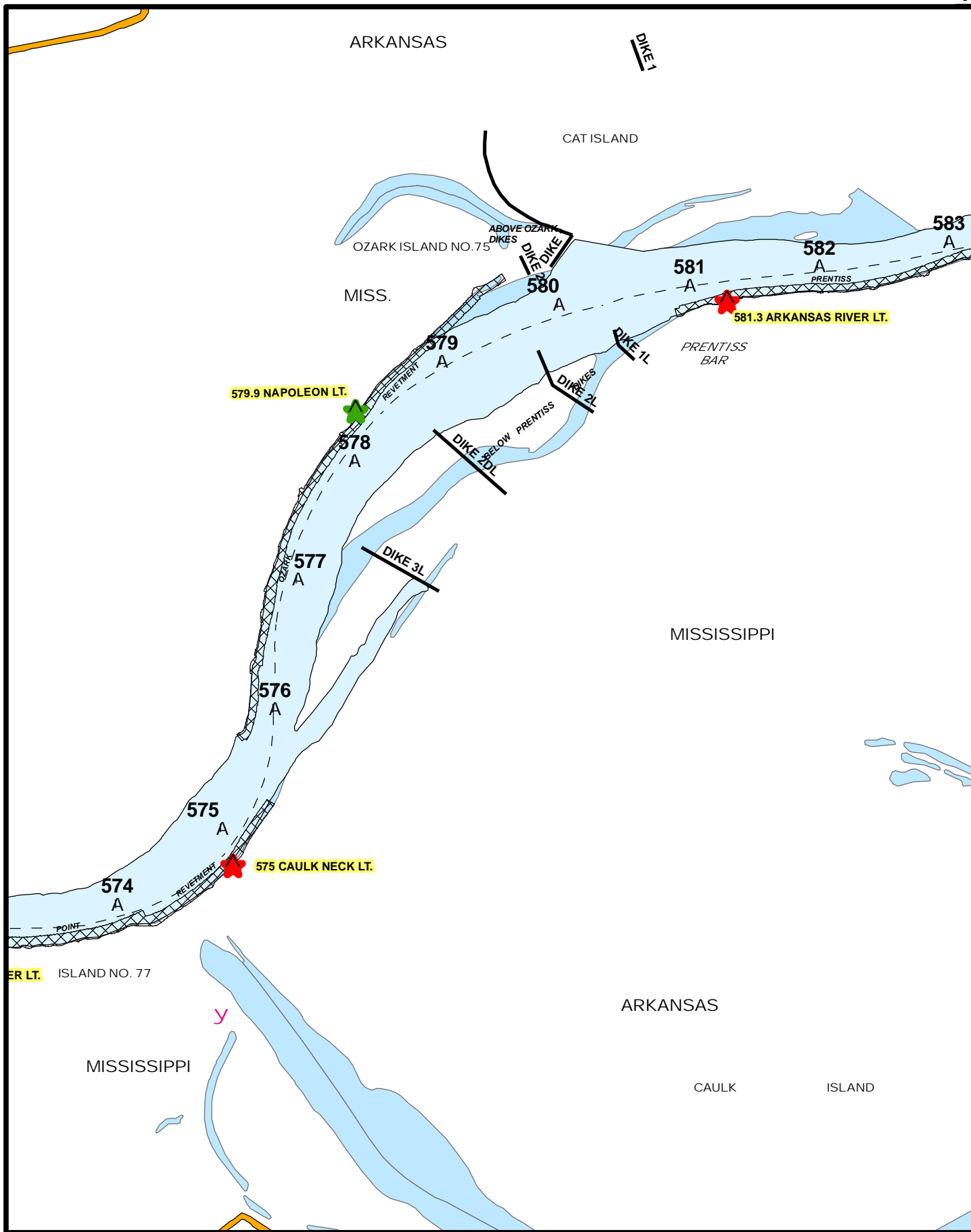


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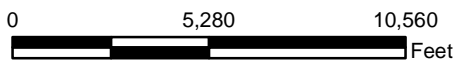


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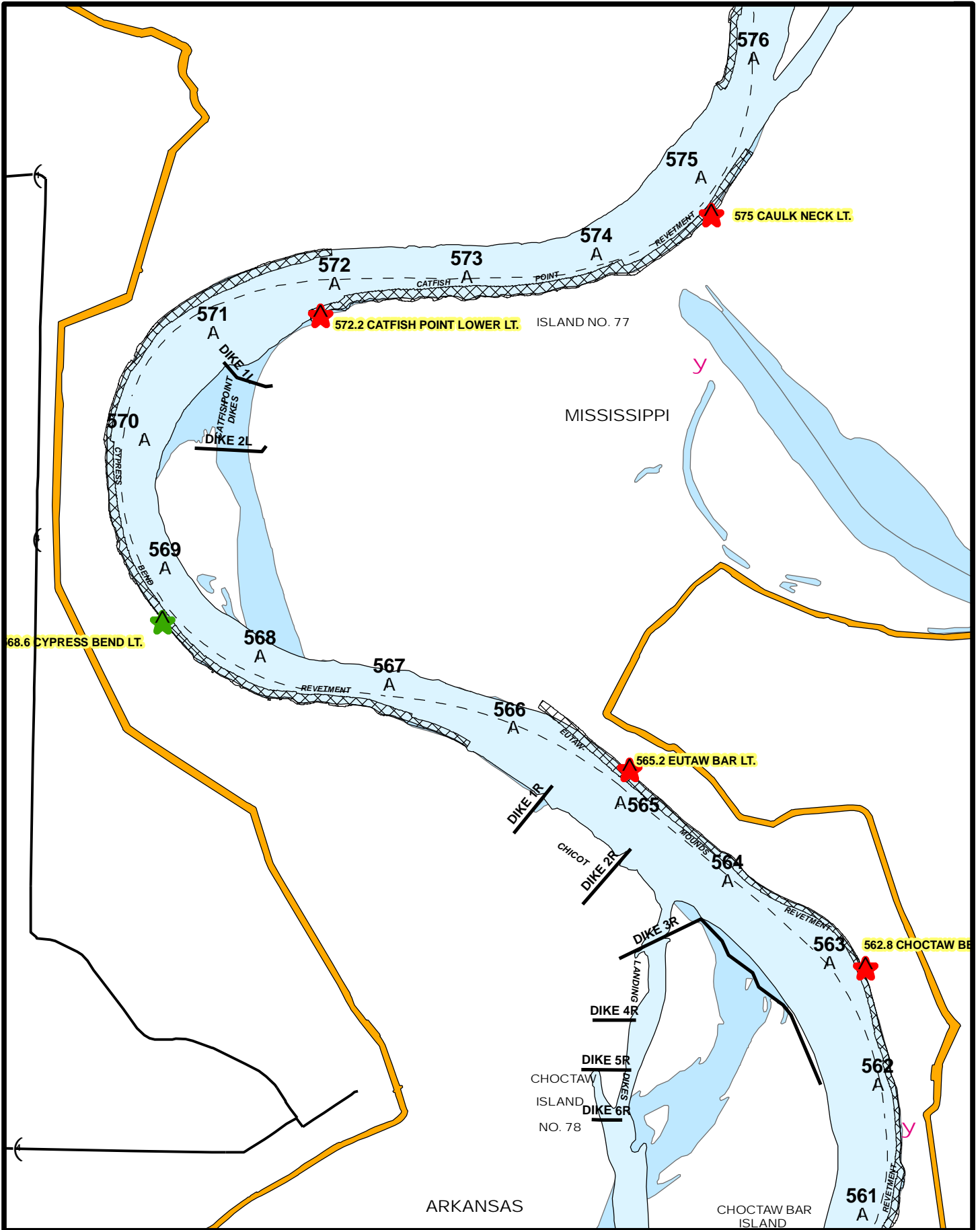


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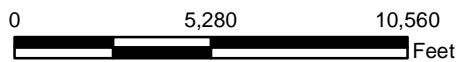


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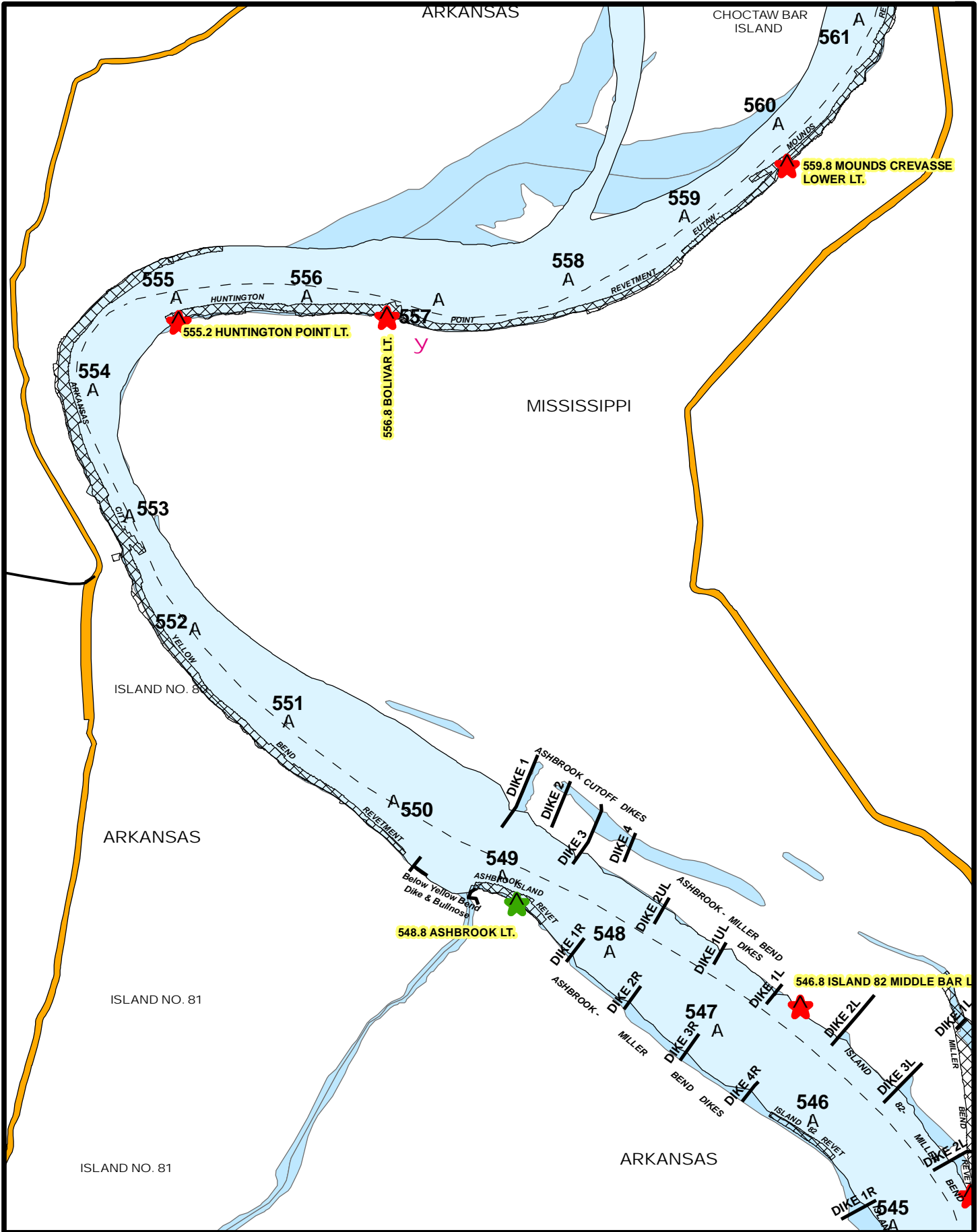


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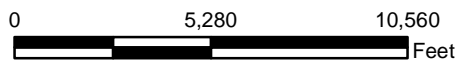


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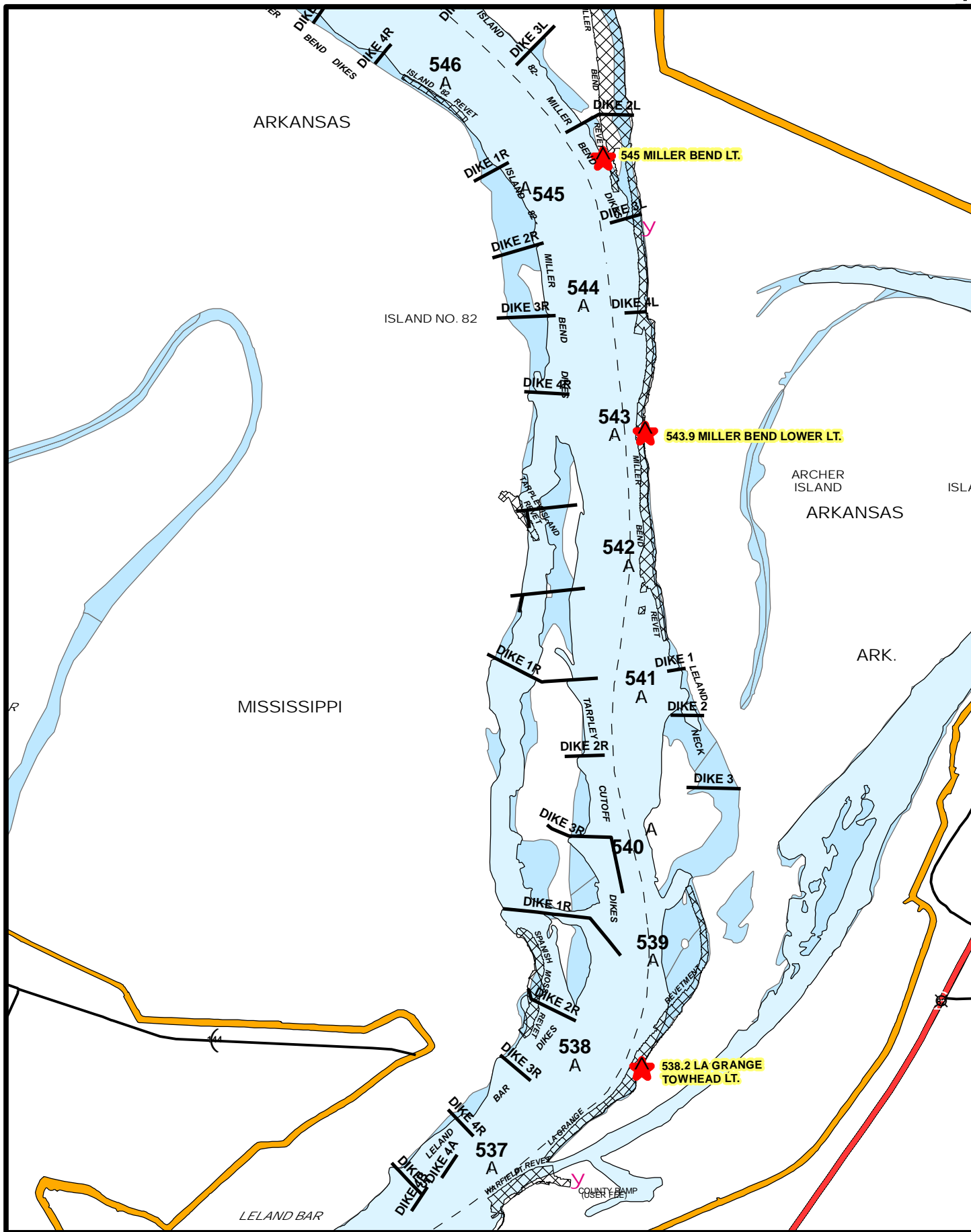


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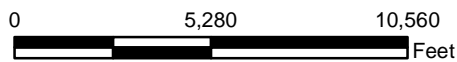


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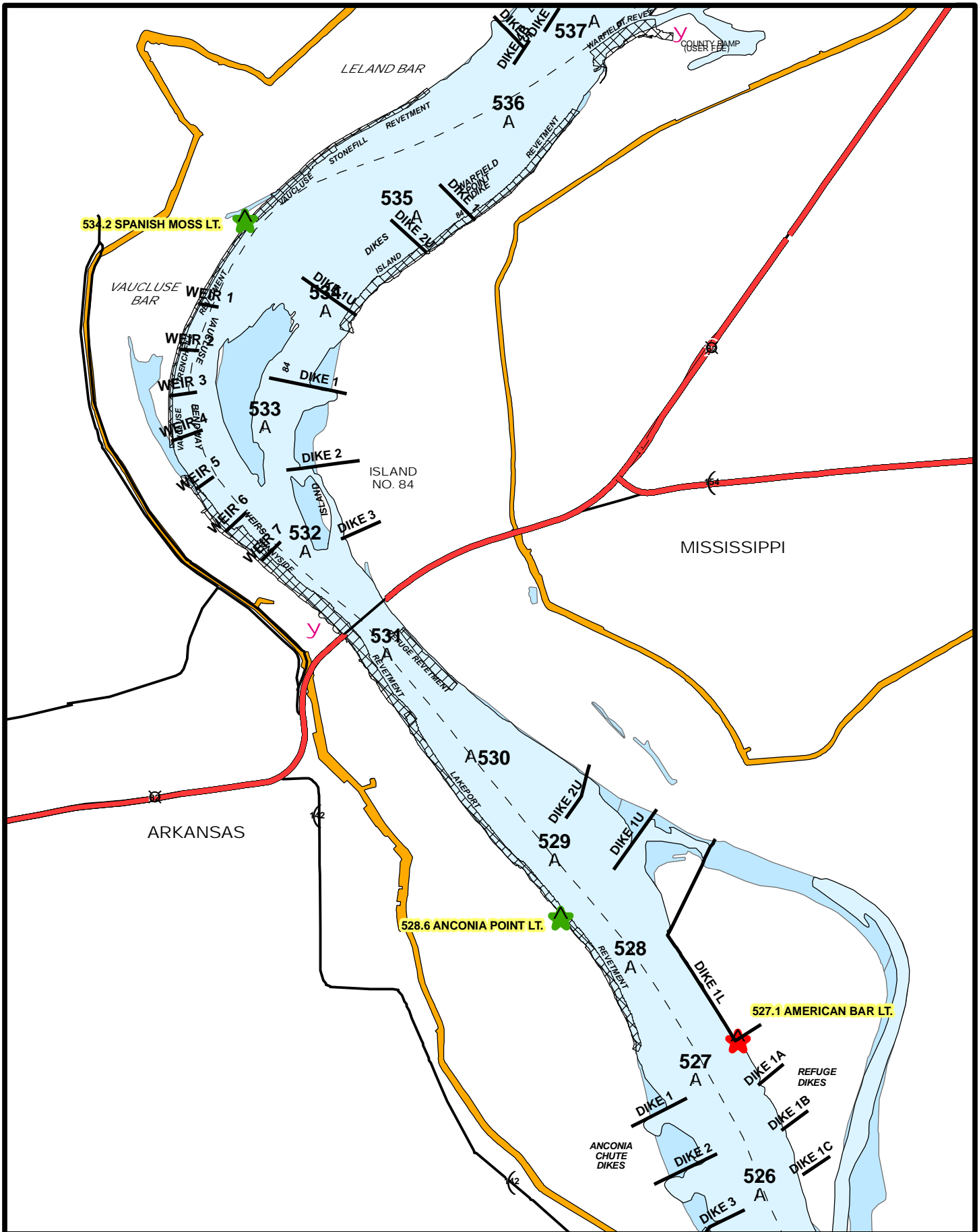


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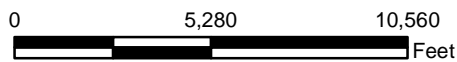


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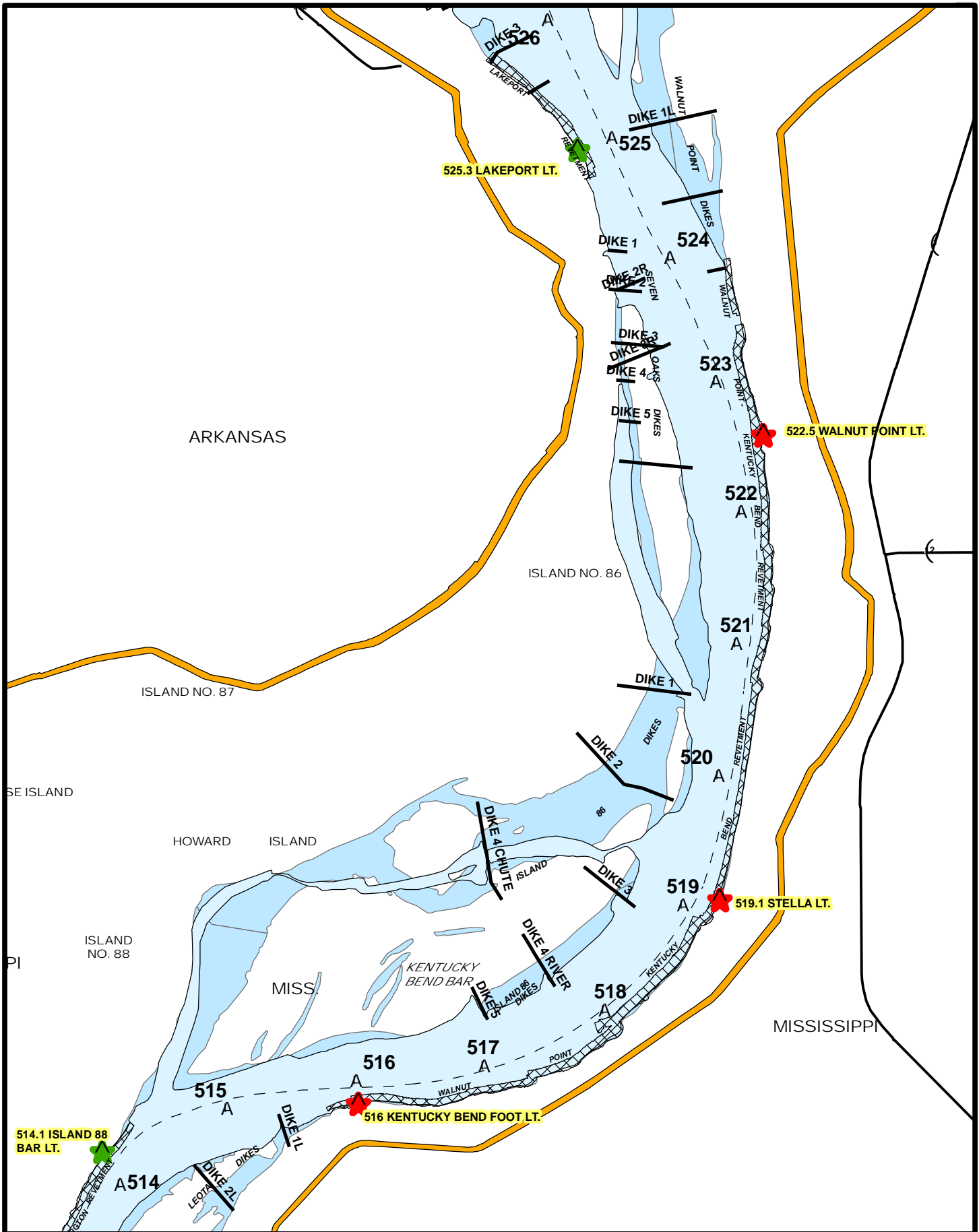


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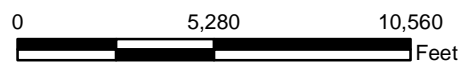


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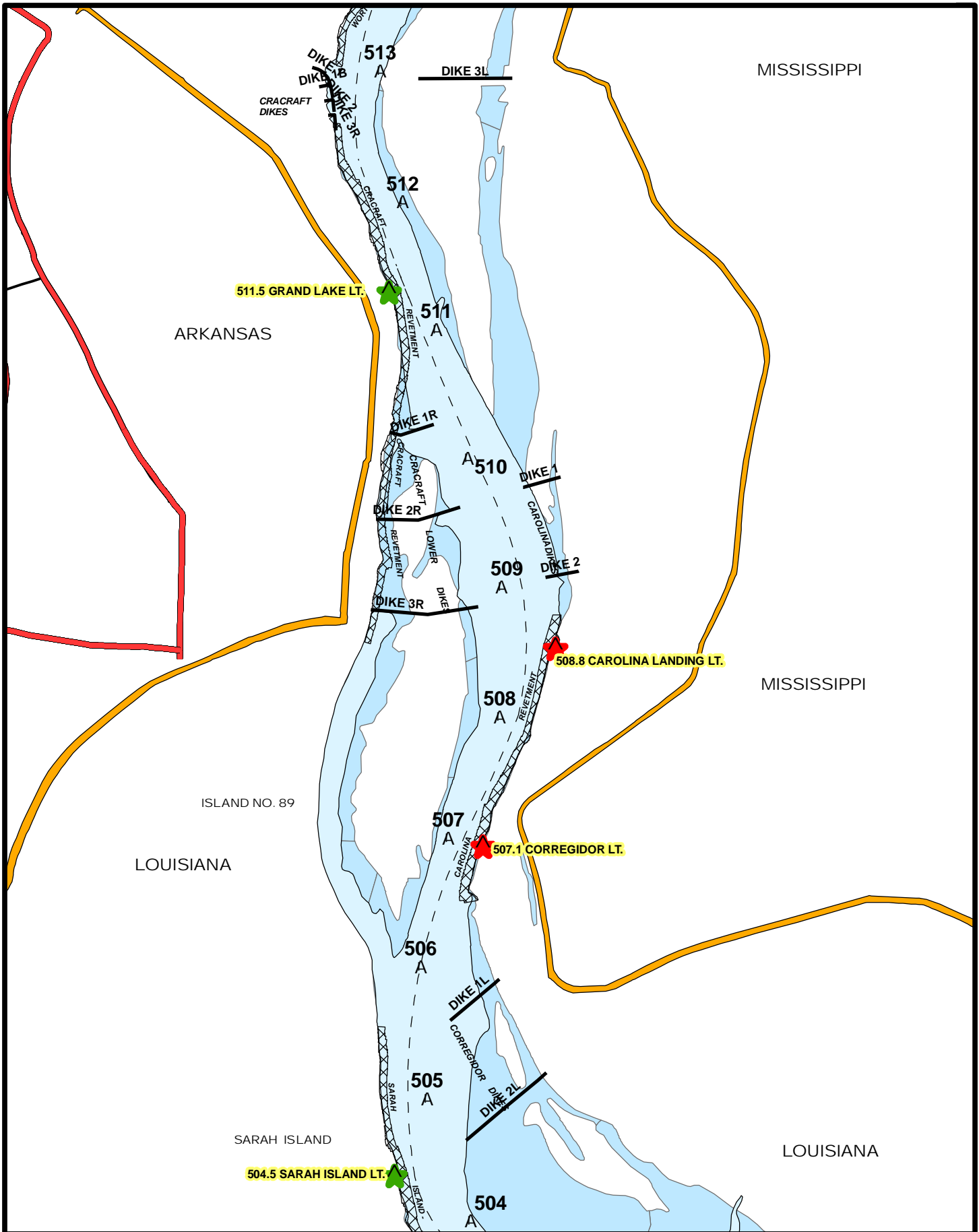


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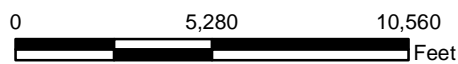


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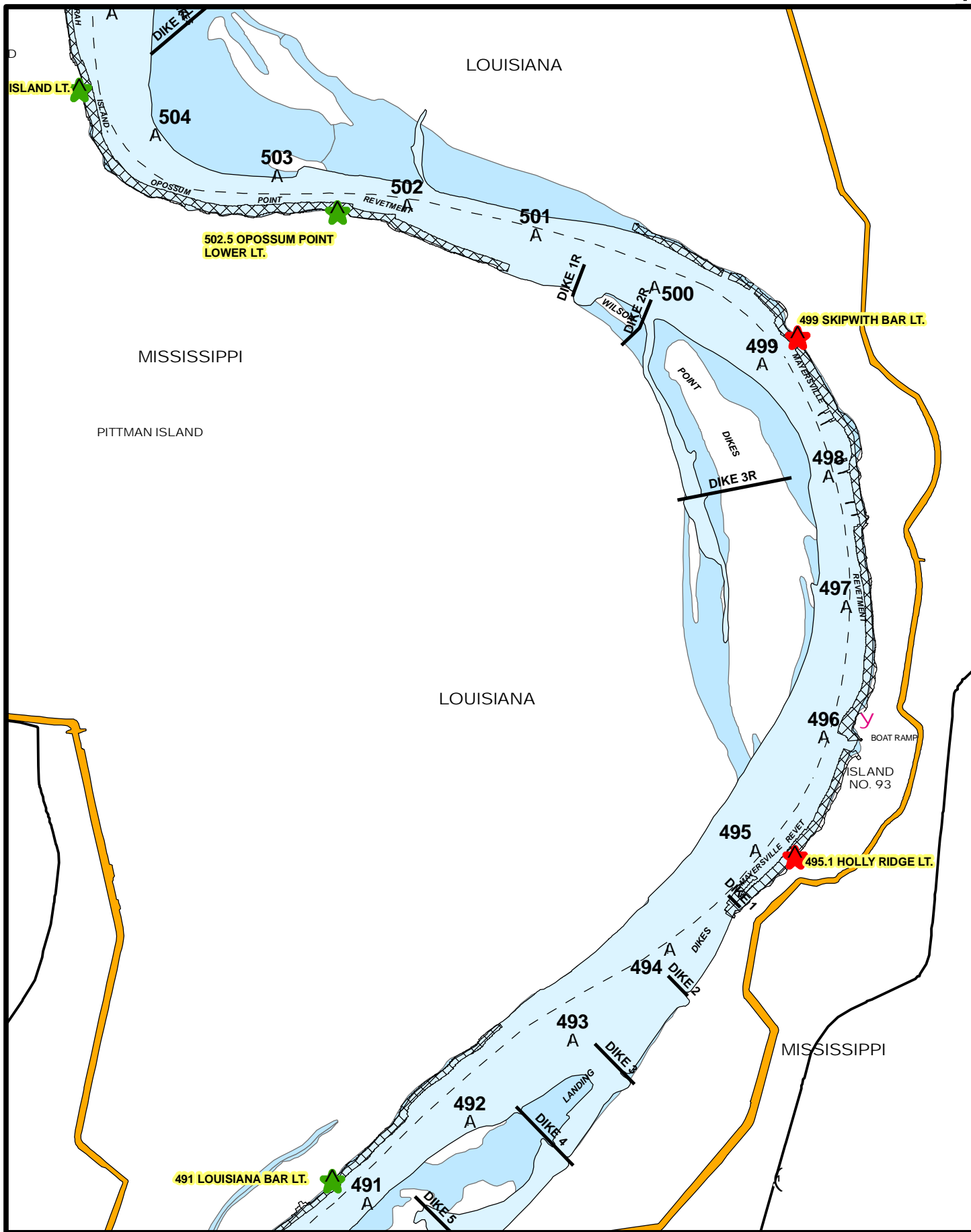


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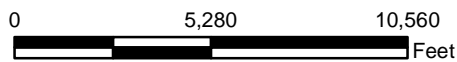


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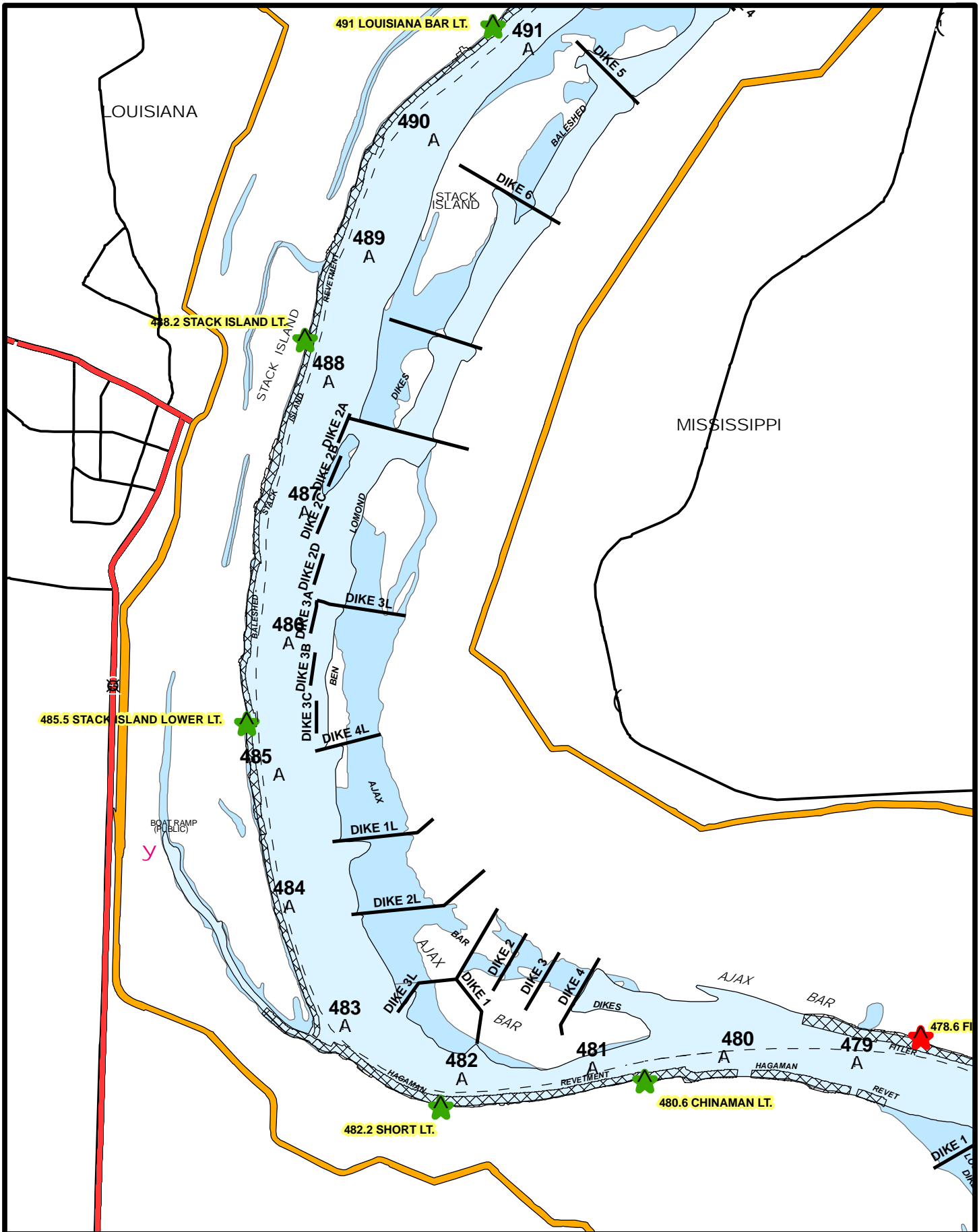


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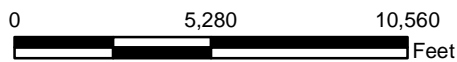


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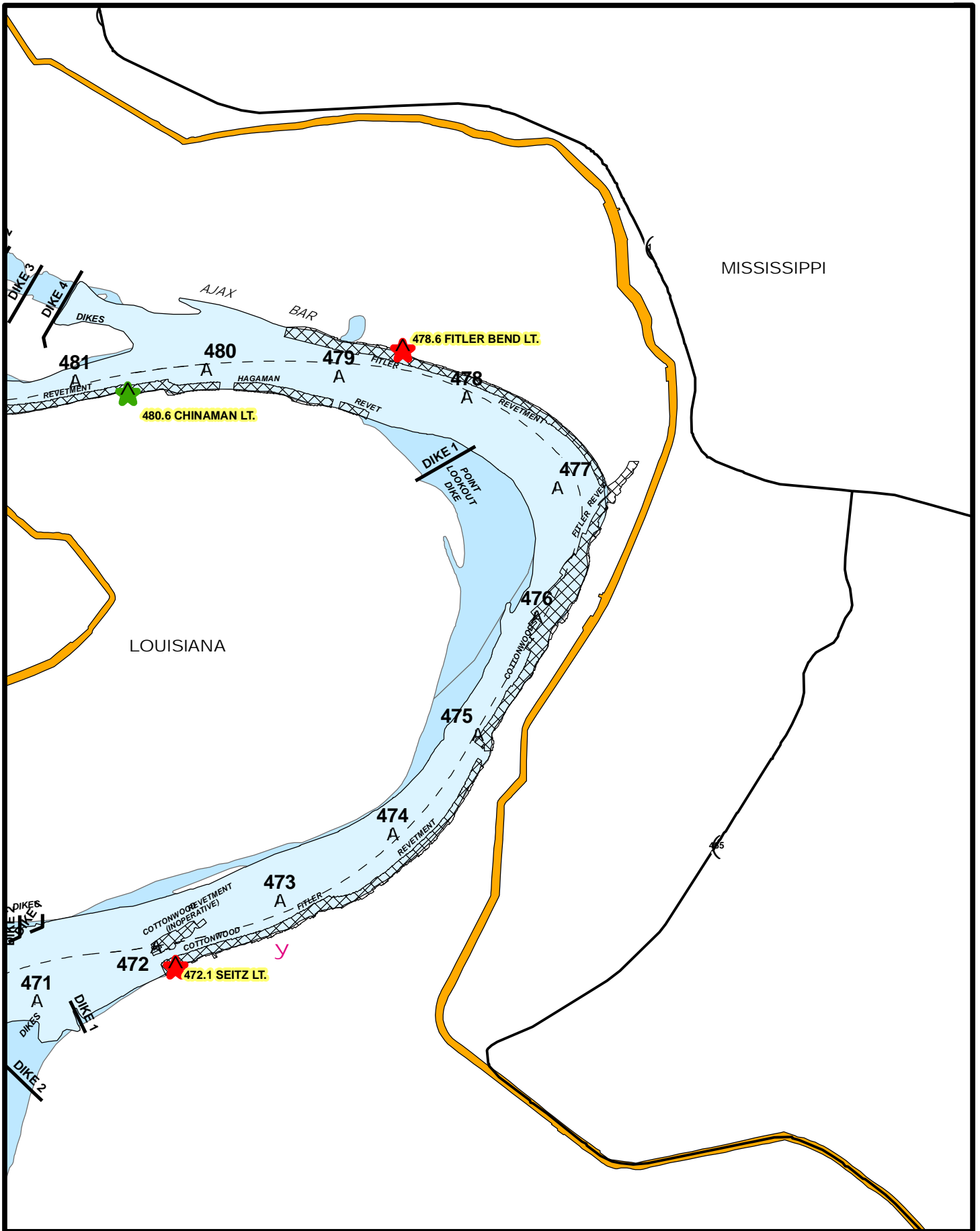


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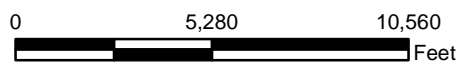


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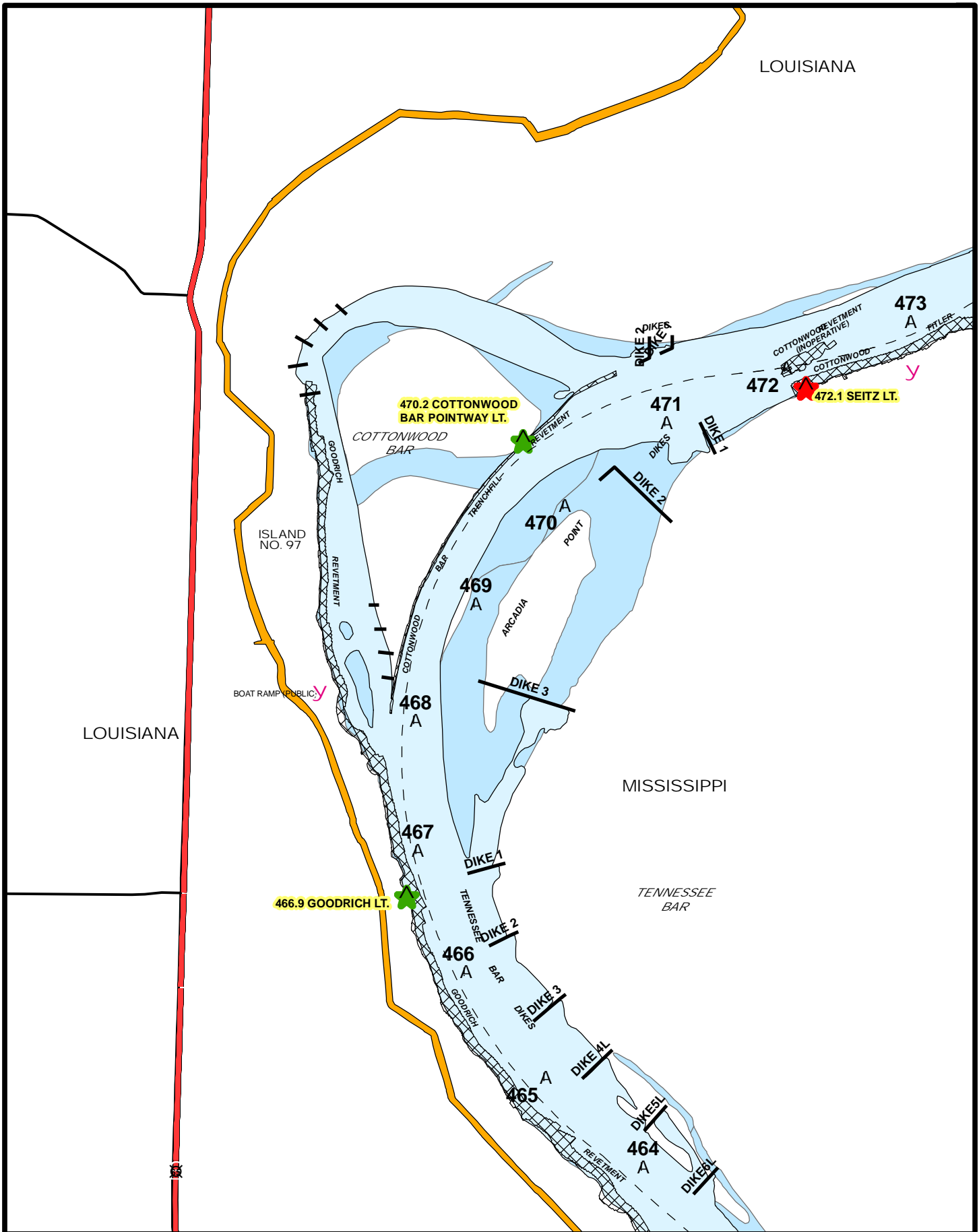


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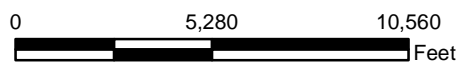


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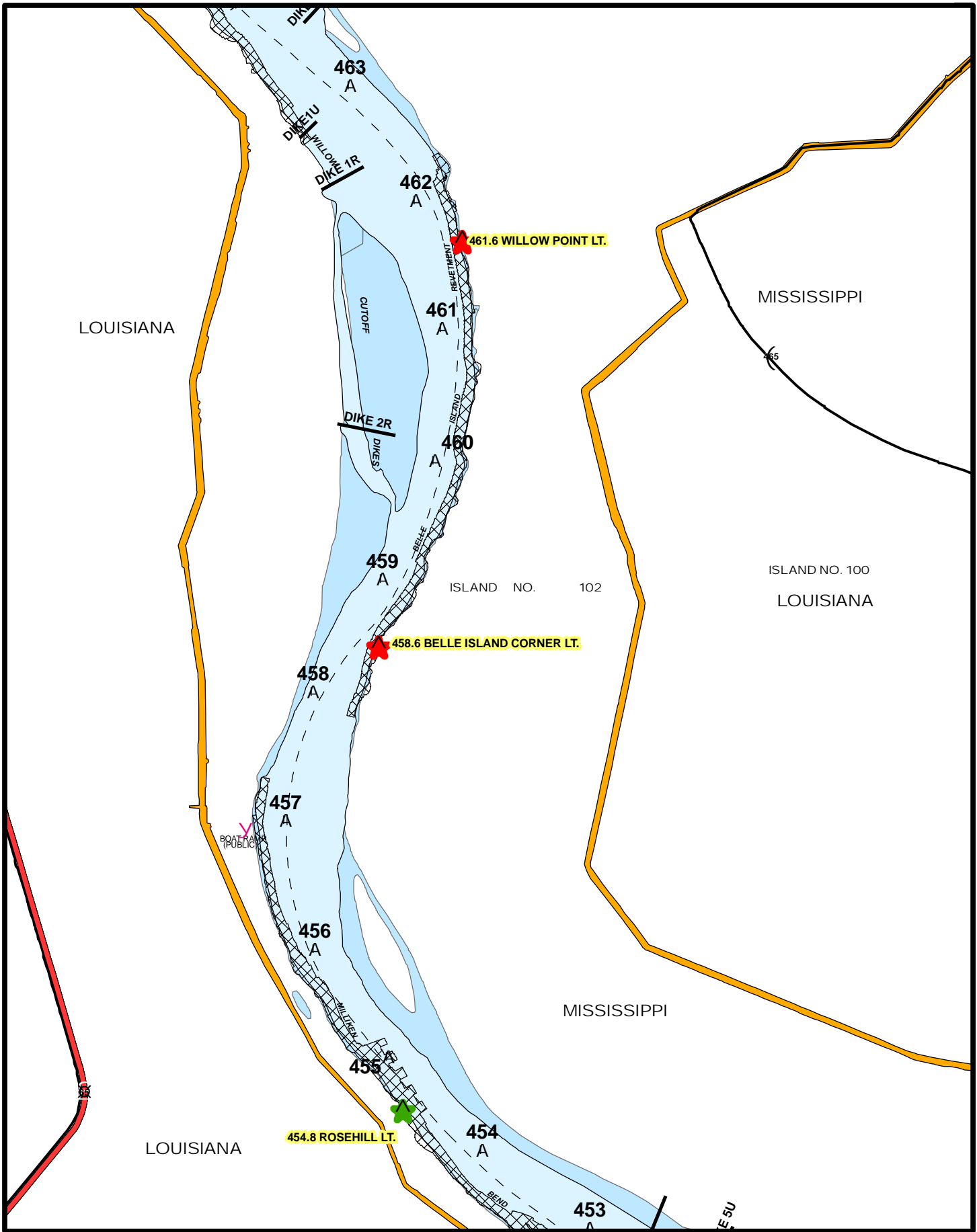


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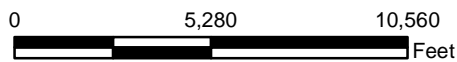


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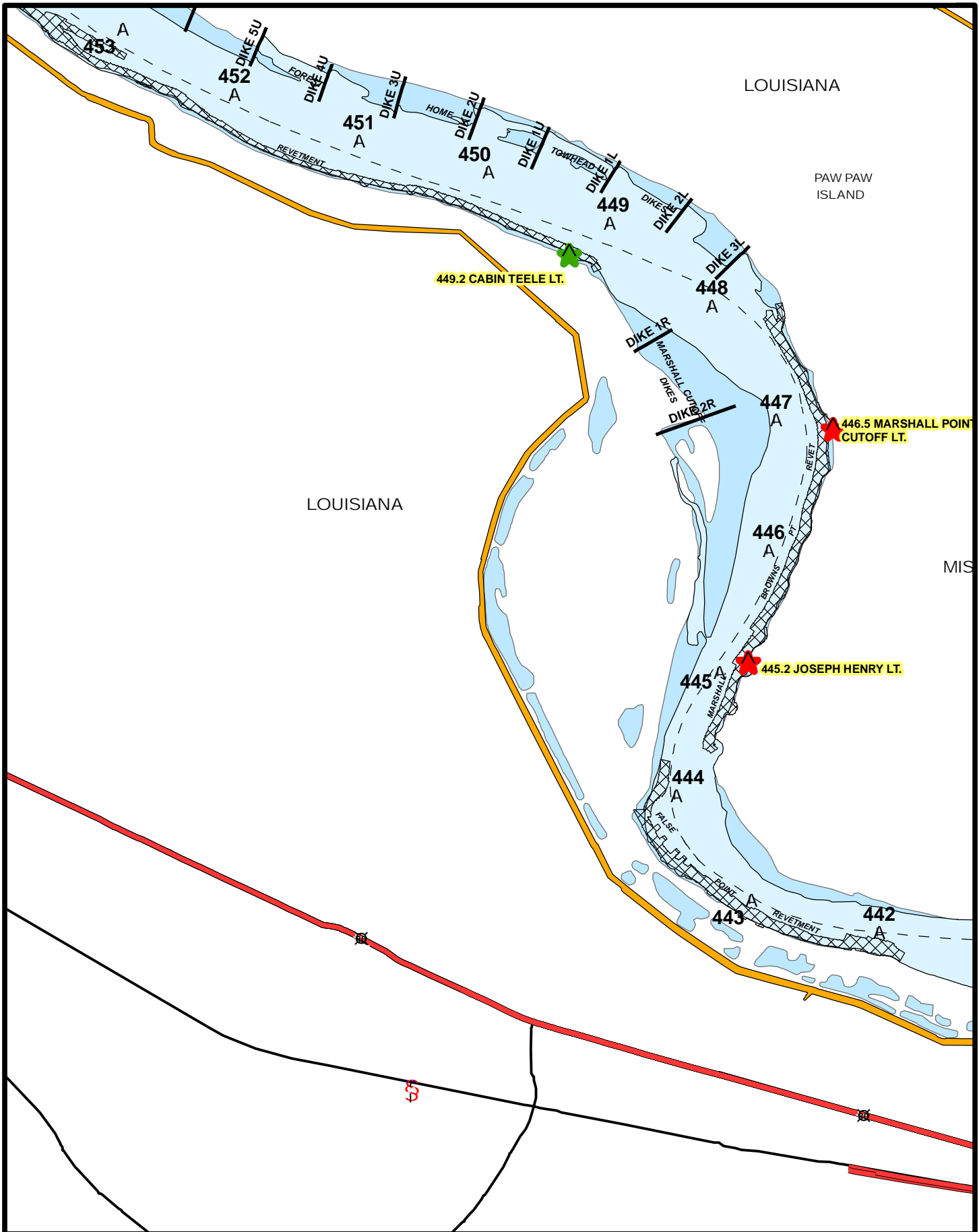


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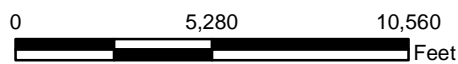


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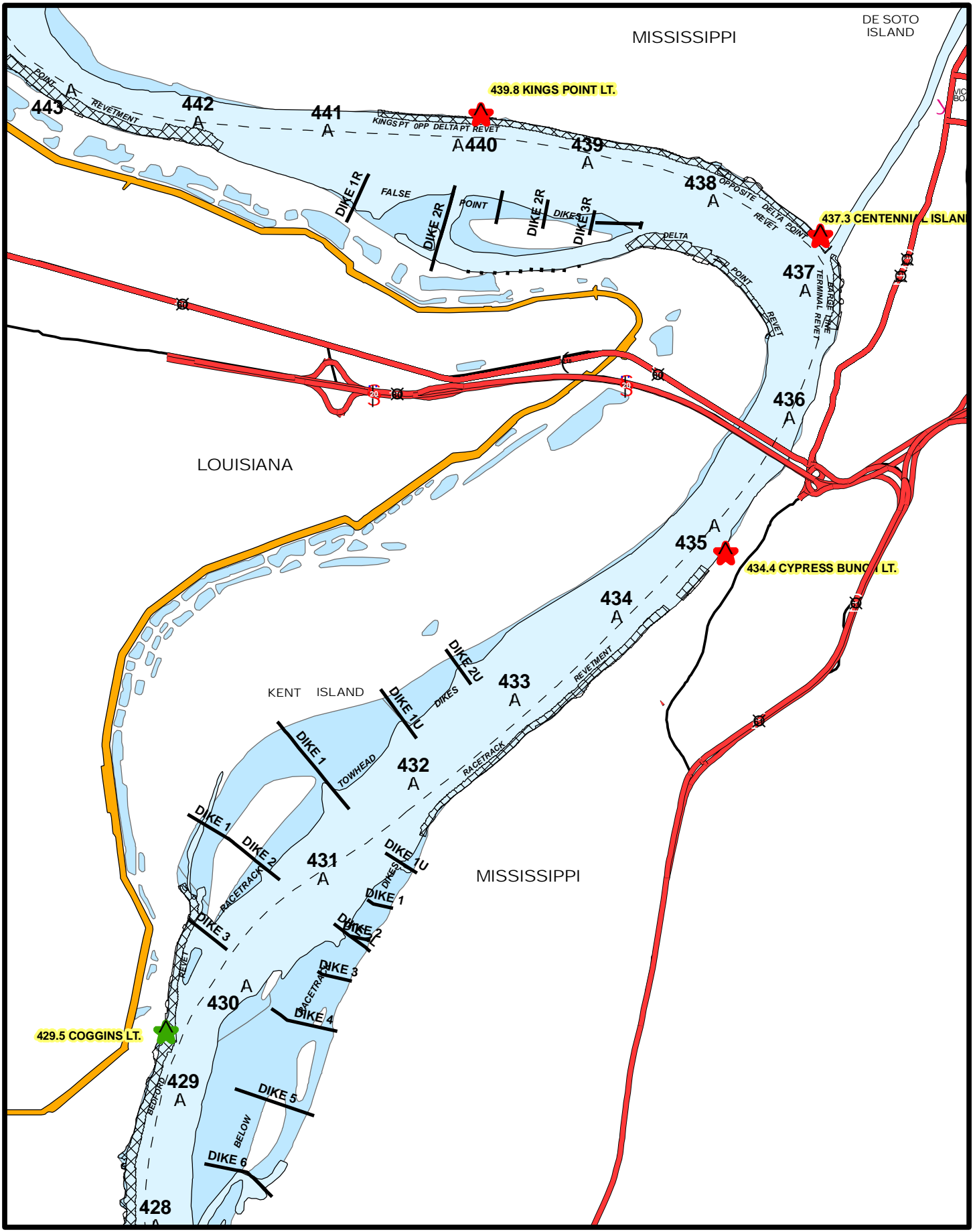


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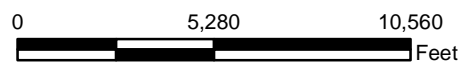


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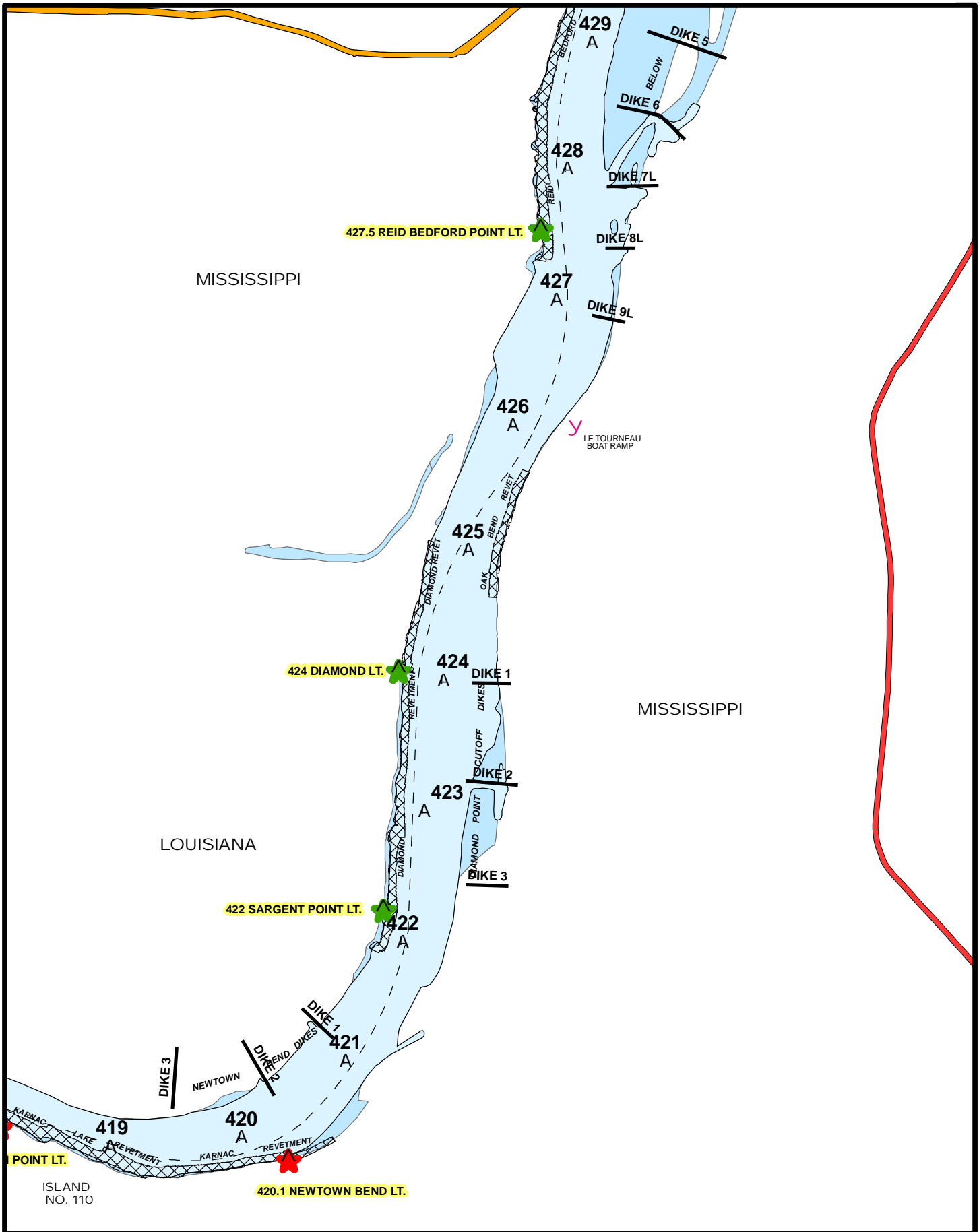


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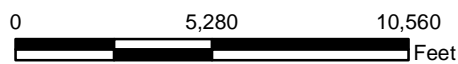


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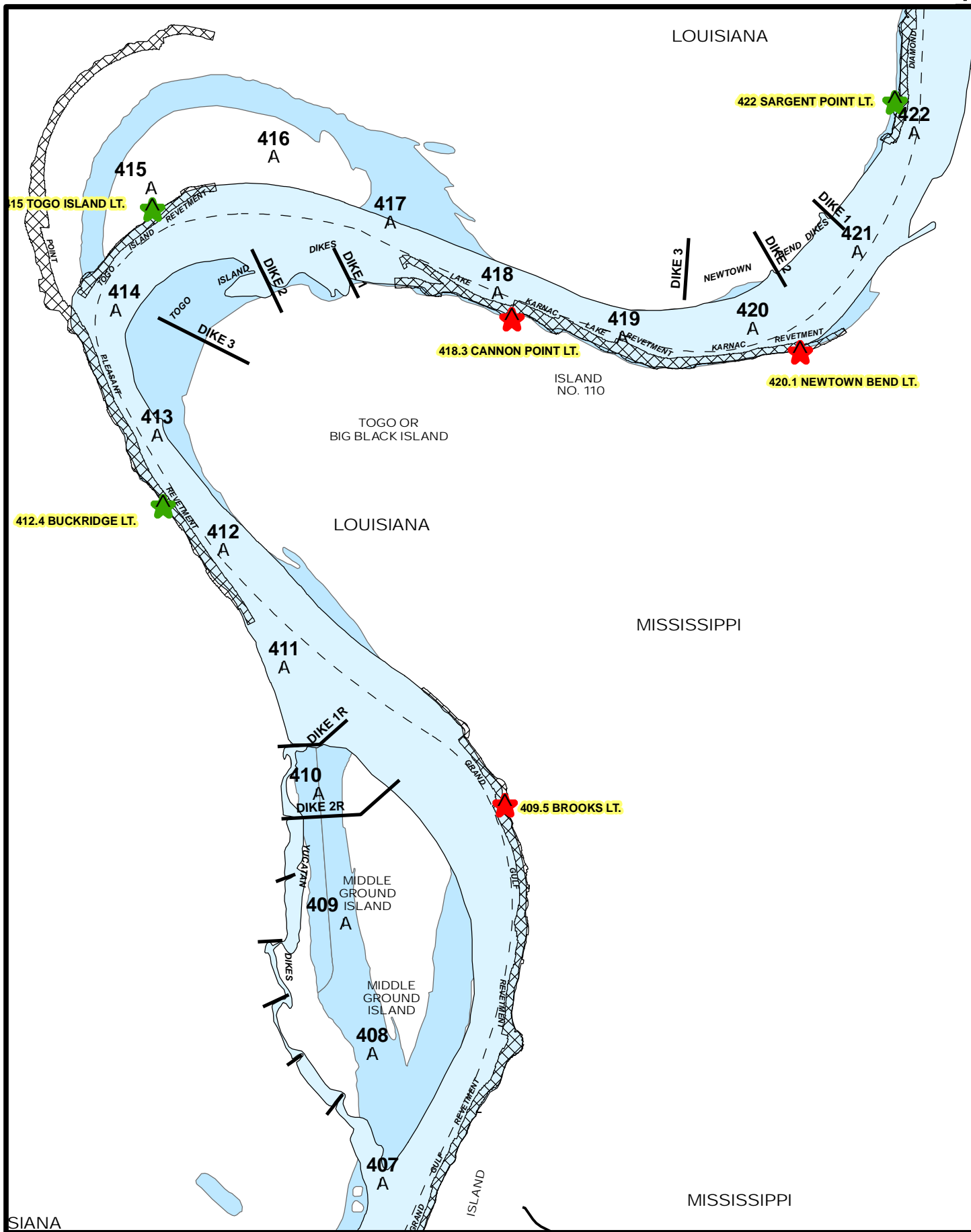


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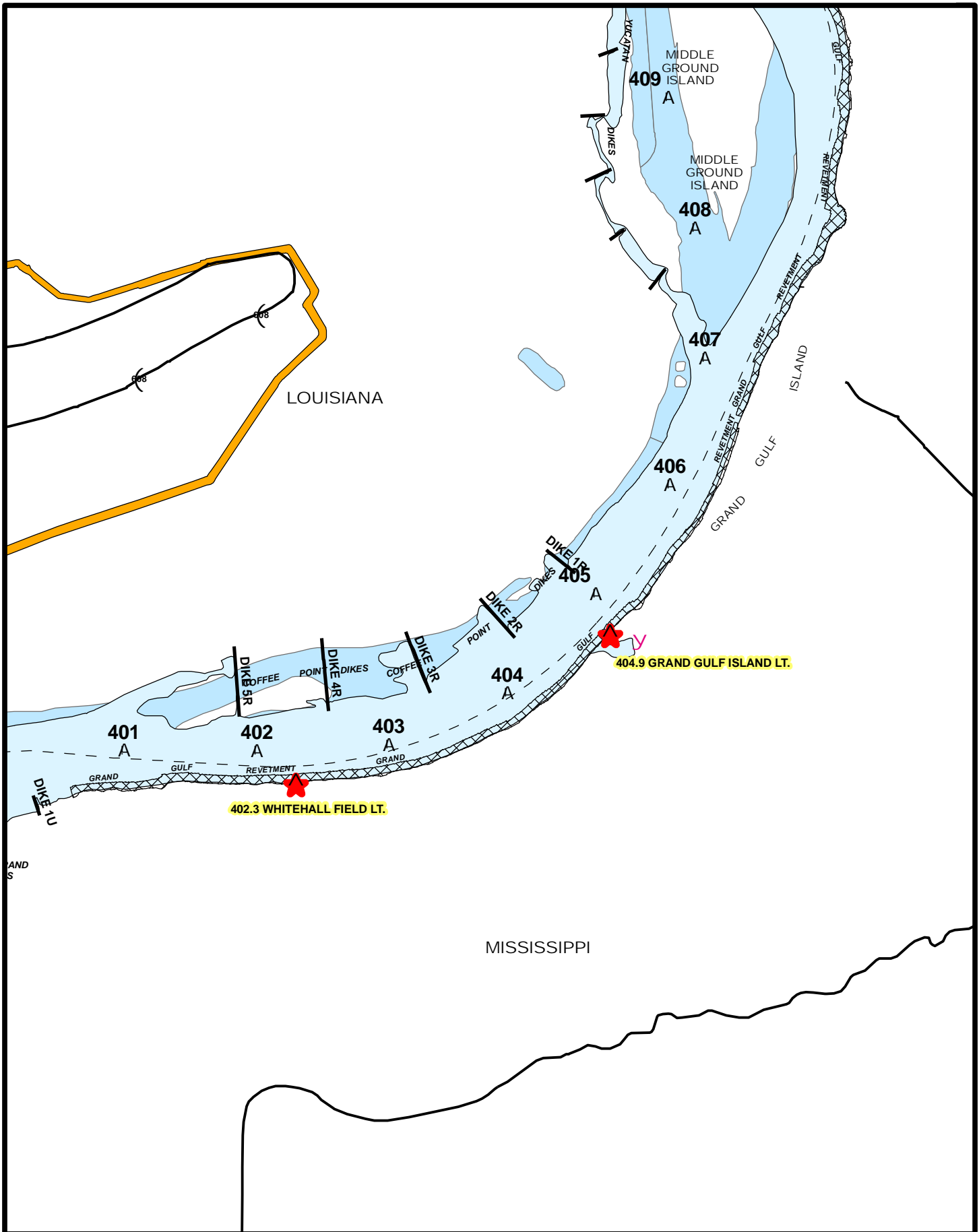


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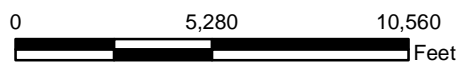
VICKSBURG DISTRICT NAVIGATION BULLETIN



VICKSBURG DISTRICT NAVIGATION BULLETIN

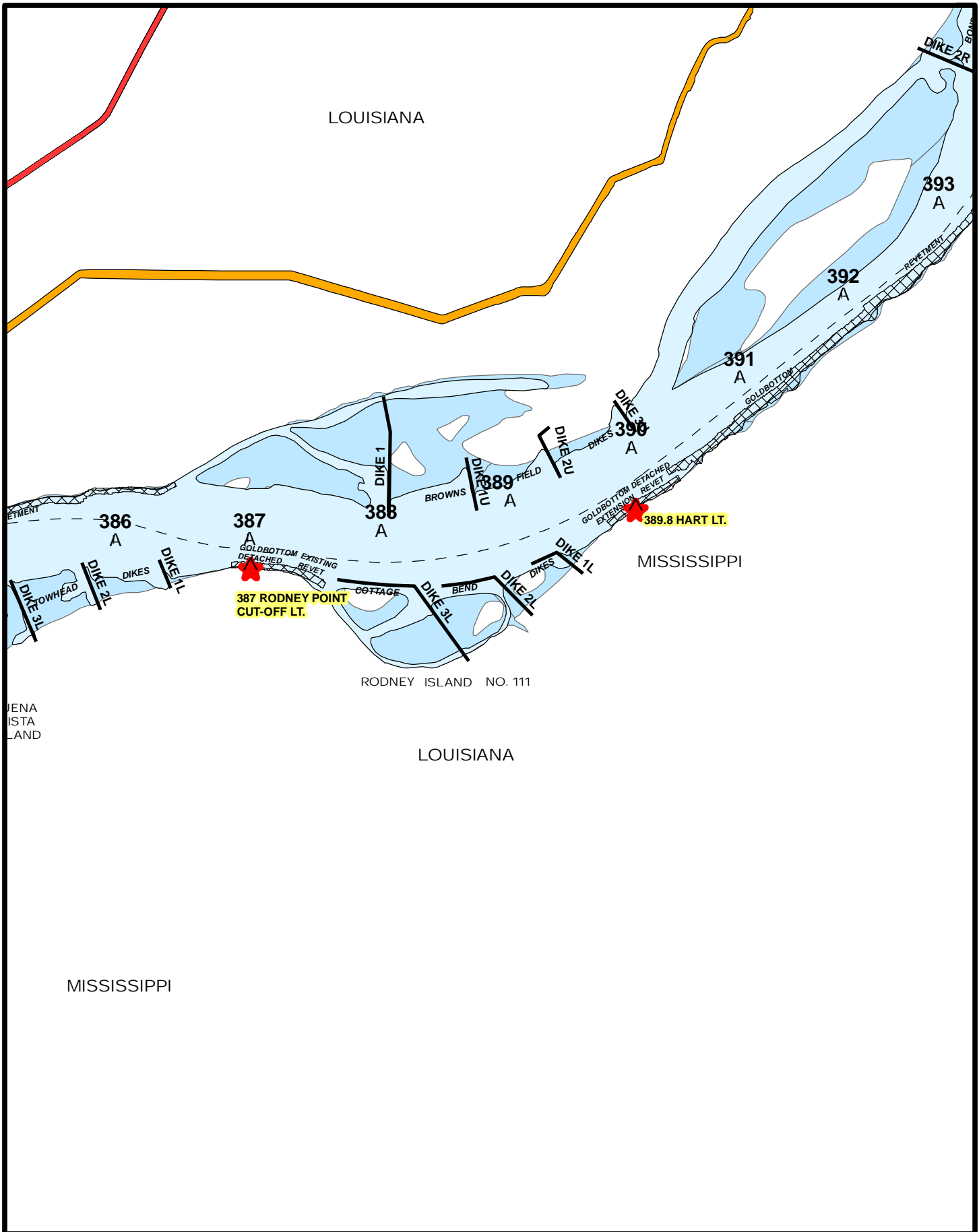


RM 409-401

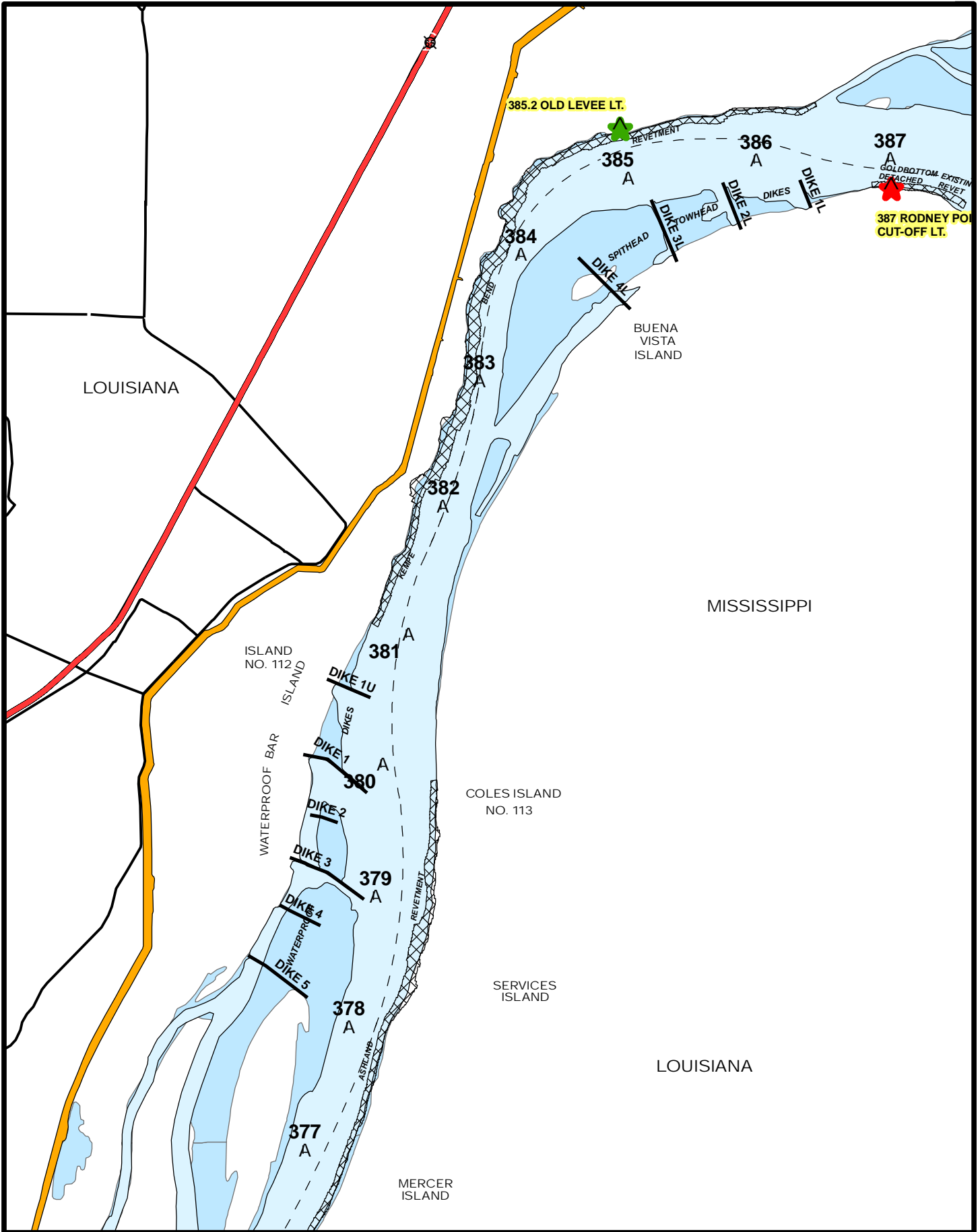


MAP NO. 20

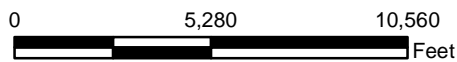
VICKSBURG DISTRICT NAVIGATION BULLETIN



VICKSBURG DISTRICT NAVIGATION BULLETIN

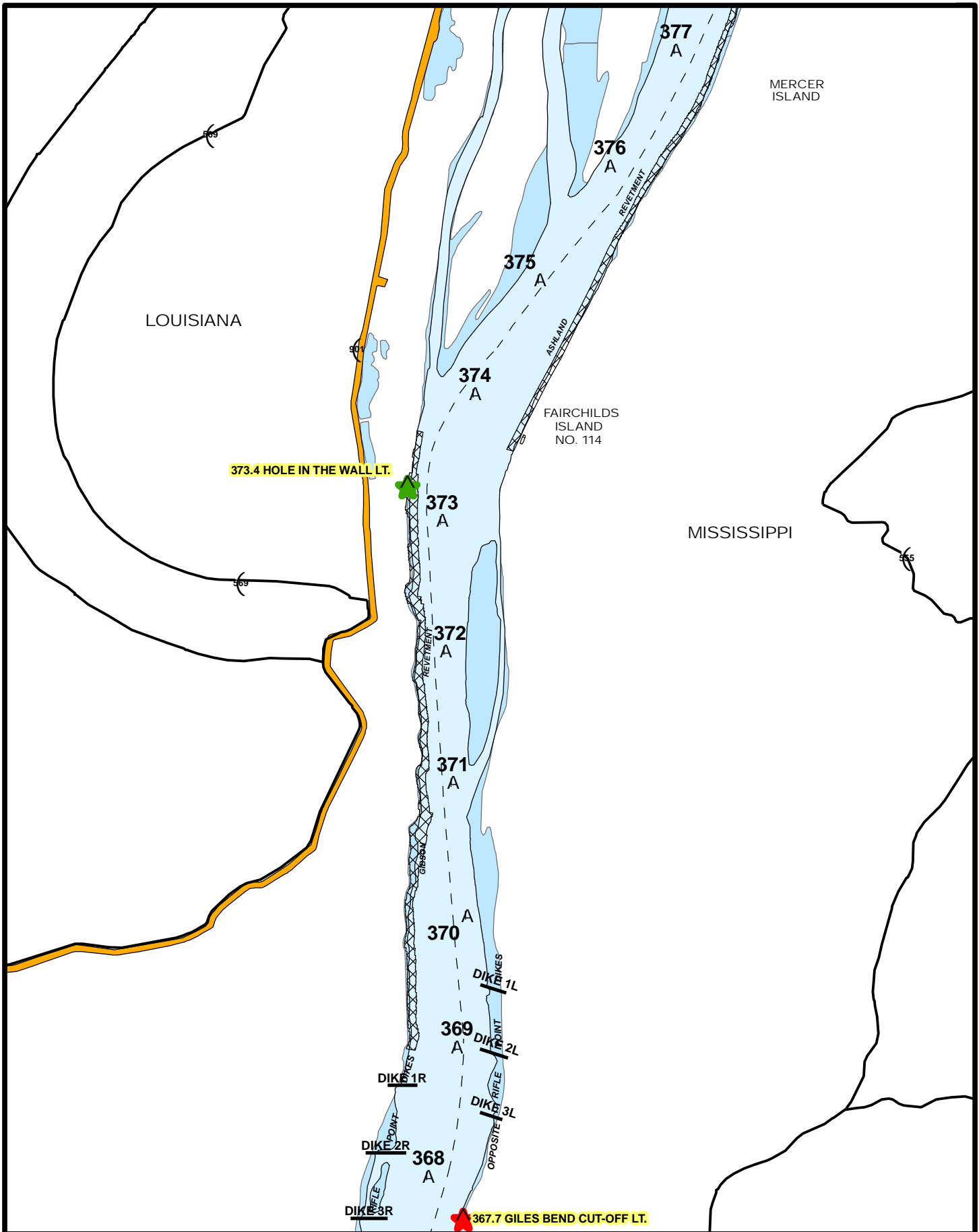


RM 387-377

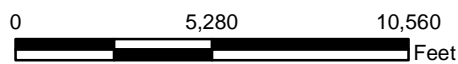


MAP NO. 23

VICKSBURG DISTRICT NAVIGATION BULLETIN

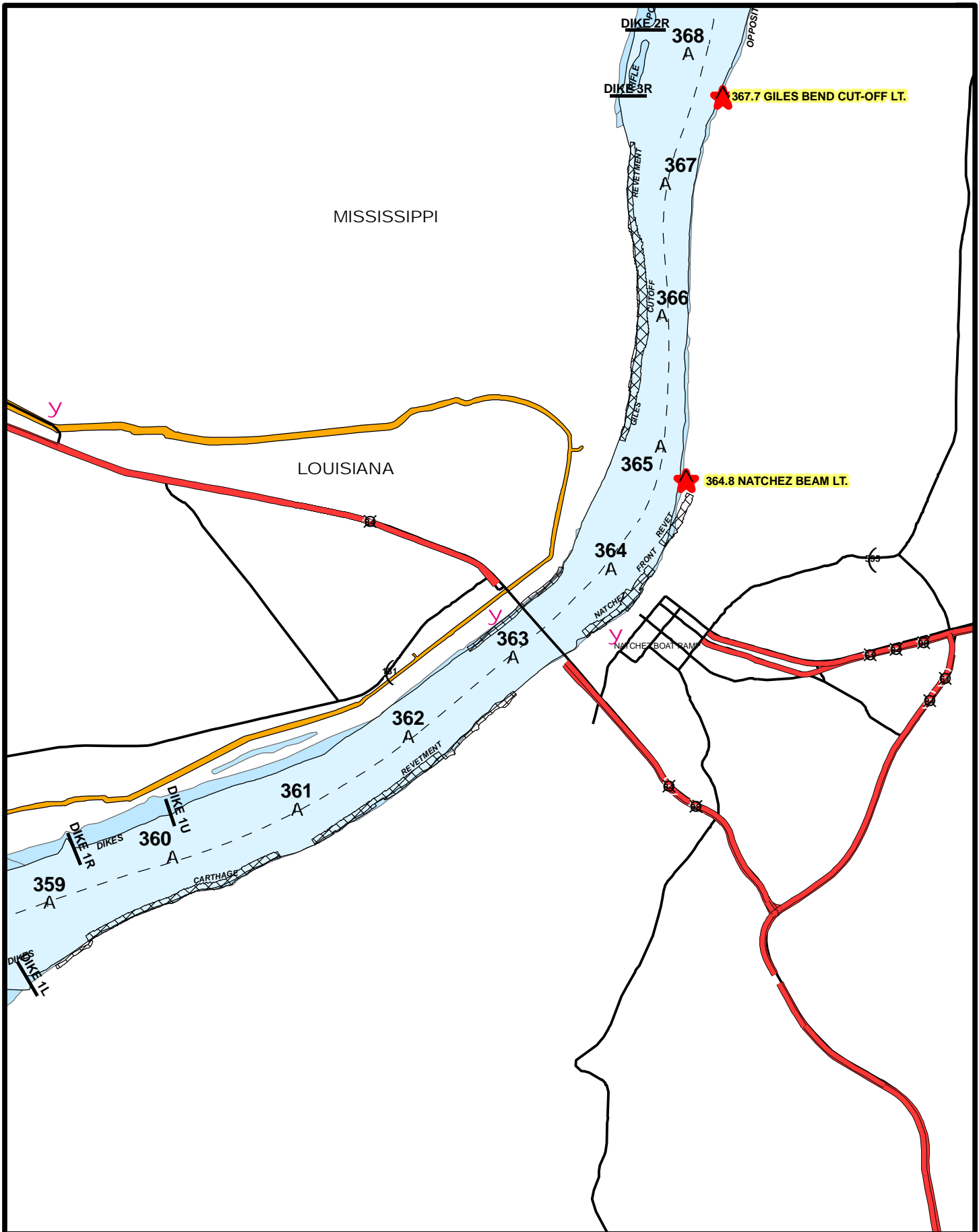


RM 377-368

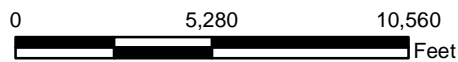


MAP NO. 24

VICKSBURG DISTRICT NAVIGATION BULLETIN

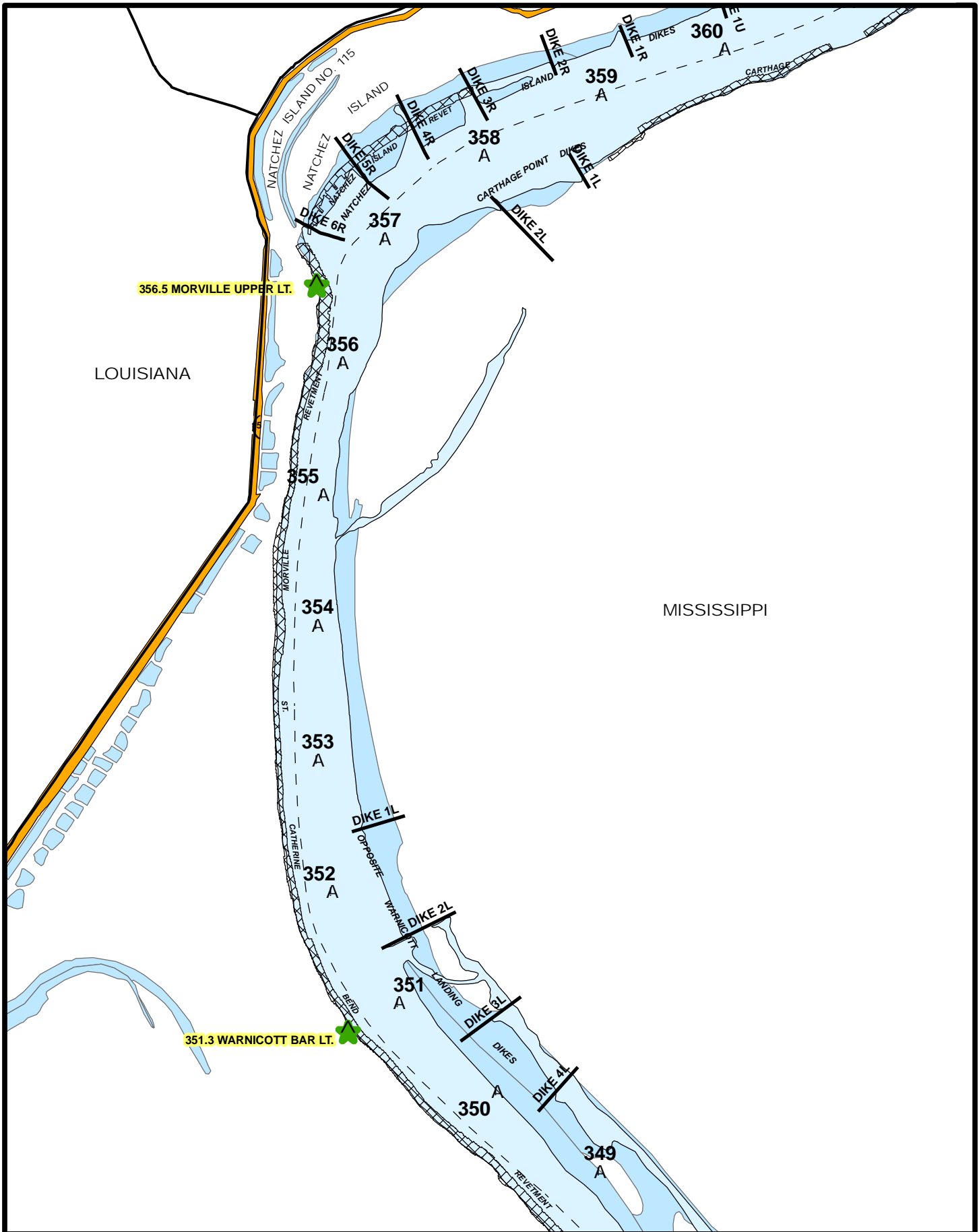


RM 368-359

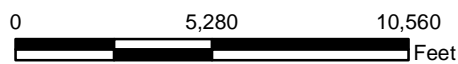


MAP NO. 25

VICKSBURG DISTRICT NAVIGATION BULLETIN

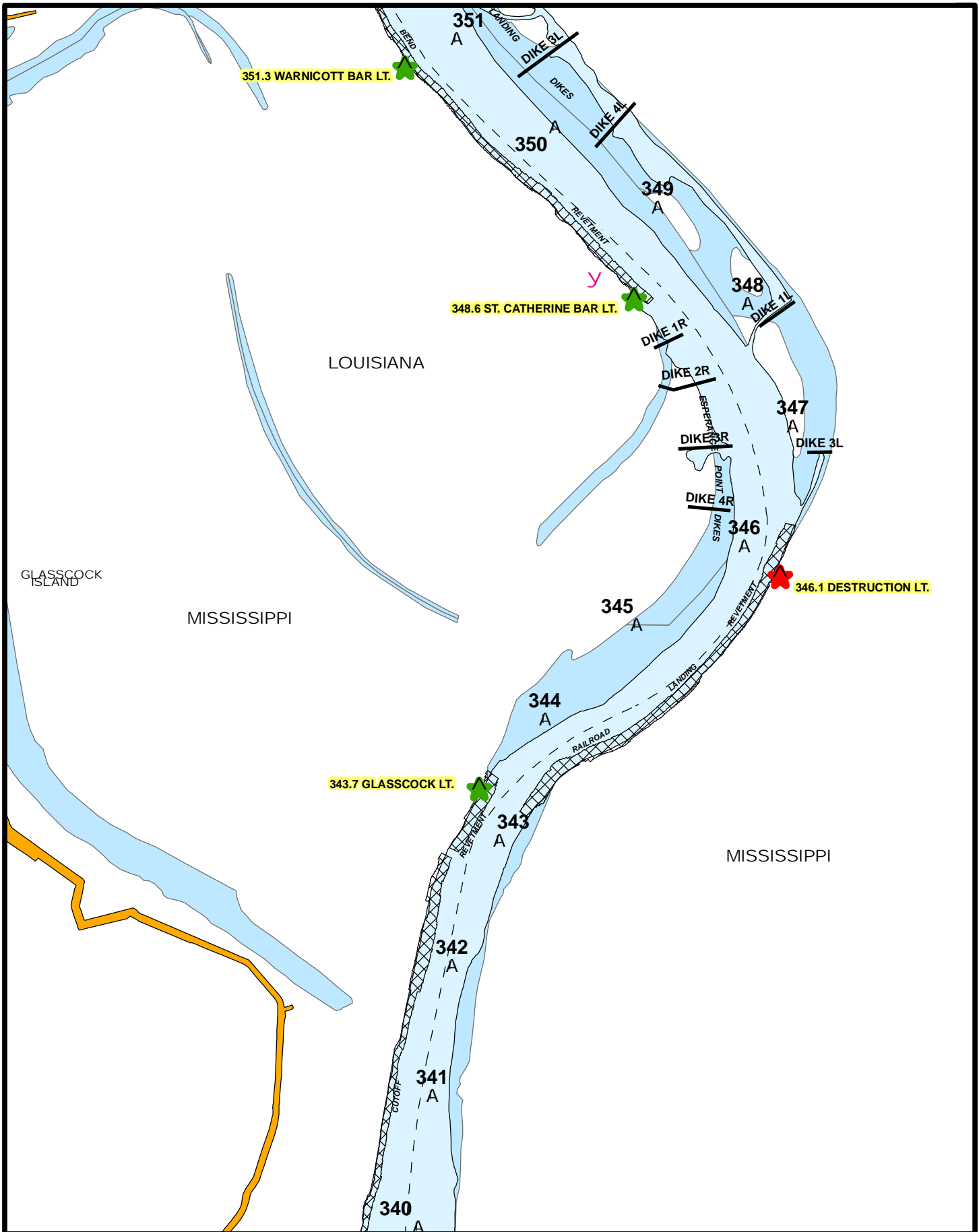


RM 361-349

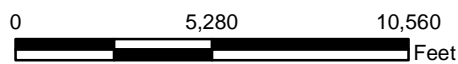


MAP NO. 26

VICKSBURG DISTRICT NAVIGATION BULLETIN



RM 351-340



MAP NO. 27

