

ATCHAFALAYA RIVER BASIN RESTORATION AND ENHANCEMENT (ARBRE) TASK FORCE

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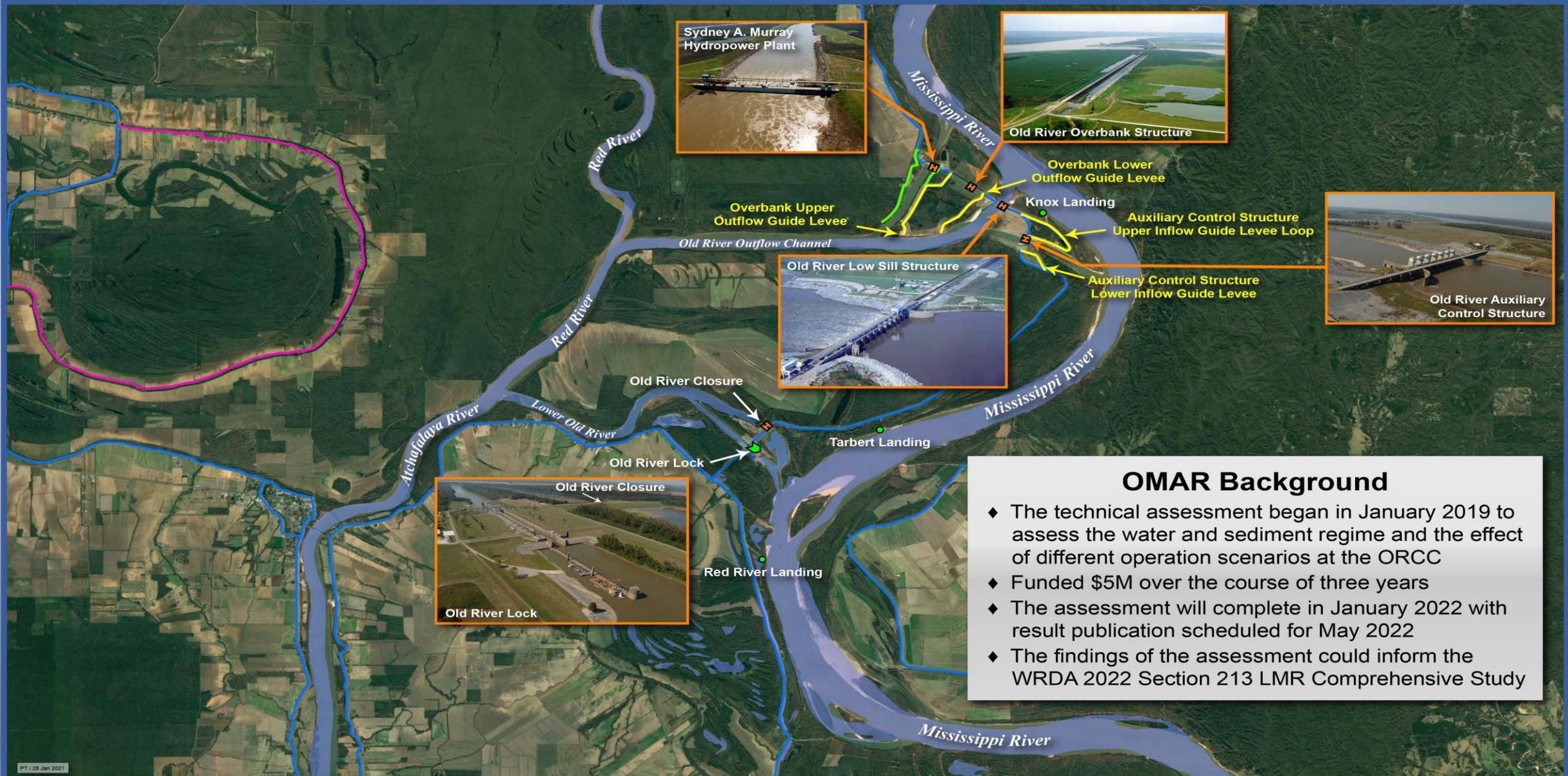


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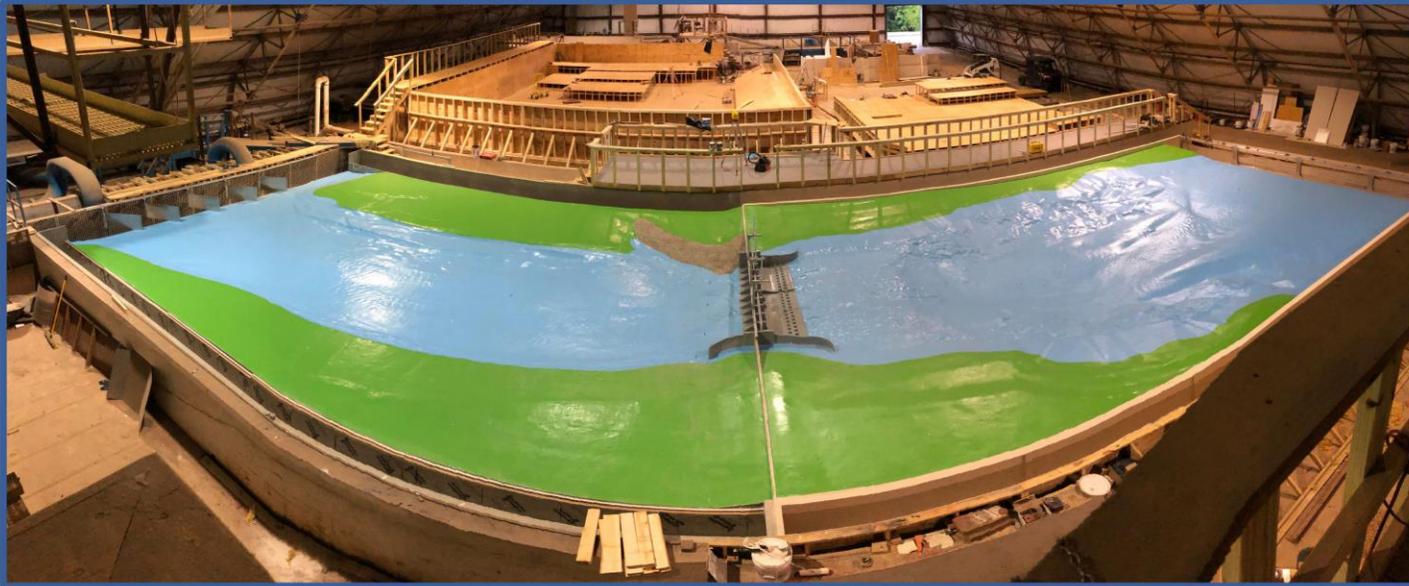


OMAR - Technical Assessment





ORLSS Technical Assessment



- ◆ The ORLSS Technical Assessment began in FY19
- ◆ The Assessment was funded \$2.5M across FY19 and FY20
- ◆ Major activities included physical modeling of the structure, 2D/3D modeling, vibration monitoring, and non-intrusive geophysical surveys
 - All activities are near complete and are in the process of technical report writeups and long-term monitoring of vibrations. Estimated completion Winter 2021.
- ◆ A dewatering of the structure is estimated to cost approximately \$40M





ATCHAFALAYA BASIN

➤ Coon Trap:

- MVN and MVD visited in May21 – plan to revisit during low river and discuss path forward

➤ Sustainable River Program:

- MVN has drafted revised scope with GOCA/CPRA/TNC currently seeking approval from MVD
- Scope focuses on Red River and Atchafalaya Basin





ATCHAFALAYA BASIN MODELING



➤ Modelling Atchafalaya Outlets:

- ERDC, MVD, and MVN are investigating the natural processes of Atchafalaya Basin outfalls to the gulf
- Increased flow through WLO in recent decades
- The Lower Atchafalaya River faces multiple challenges due to relative sea level rise, sedimentation, and recent high-water seasons.
- Trends are expected to continue of the next 50 Years



➤ Lower Mississippi Comprehensive Study

- 5 Year/ \$25M authorized and funded study
- Multi –purpose study with competing interests across seven (7) states from Cape Girardeau to the gulf
- Annual reporting to congress required

Lower Mississippi River Comprehensive Study

WRDA 2020 Section 213

Comprehensive Study with Multiple Purposes

1 Flood Risk Management	5 Water Supply
2 Non-Structural Flood Control	6 Hydropower Production
3 Navigation	7 Recreation
4 Ecosystem & Environmental Restoration	8 Other Purposes

Key Language in the Provision:

- Final report required in 5 years/\$25M
- Wide geographical scope: Cape Girardeau, MO, to the Gulf of Mexico
- Multiple Purpose Study (7) with competing interests
- Annual reporting requirements to Congress