Inland Waterways Users Board Meeting No. 74

Follow up to Questions raised by the Board Regarding Lock Performance Monitoring System (LPMS) Data

Birmingham, AL
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US Army Corps of Engineers
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Outline

1. LPMS Data

2. Navigation Terms

3. Examples

4. Recommendations

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LPMS Data

• The CorpsLocks website is operated and maintained by CEIWR-NDC.

• The PCXIN-RED is a consumer of the LPMS data in our economic analyses and responses to data calls from the Corps, public, and industry.

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Navigation Terms

Arrival Time: When a vessel nears the Approach Point above or below the lock and signals that it is ready to use the lock. At this time, lock personnel designate a vessel as having joined the queue. For a lock with a long queue, the call to the lock may still place the vessel several miles away.

Delay: The difference in time between the arrival of a vessel at a lock and the start of lockage. The time spent in queue awaiting lockage.

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Examples of Procedural Issues

- Bayou Sorrel – editing of live data changes arrival times

- Inner Harbor Navigation Canal – when to enter 'arrival'; AIS verification

- Warehoused LPMS data QC

- CorpsLocks Website misleading data summaries

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Recommendations

- Clarification of LPMS navigation terms

- CorpsLocks website QC

- LPMS record review/correction at IWR

- Consistent data entry procedures

- Training of LPMS entry and District POCs

- Data collection exceptions to the rule

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