Inland Waterways Users Board Meeting No. 74

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

Birmingham, AL
February 25, 2015
Outline

1. LPMS Data
2. Navigation Terms
3. Examples
4. Recommendations
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.
**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.
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
**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