

Inland Marine Transportation System Levels of Service Overview

INLAND WATERWAYS USERS BOARD

RICHARD C. LOCKWOOD

CHIEF, OPERATIONS & REGULATORY

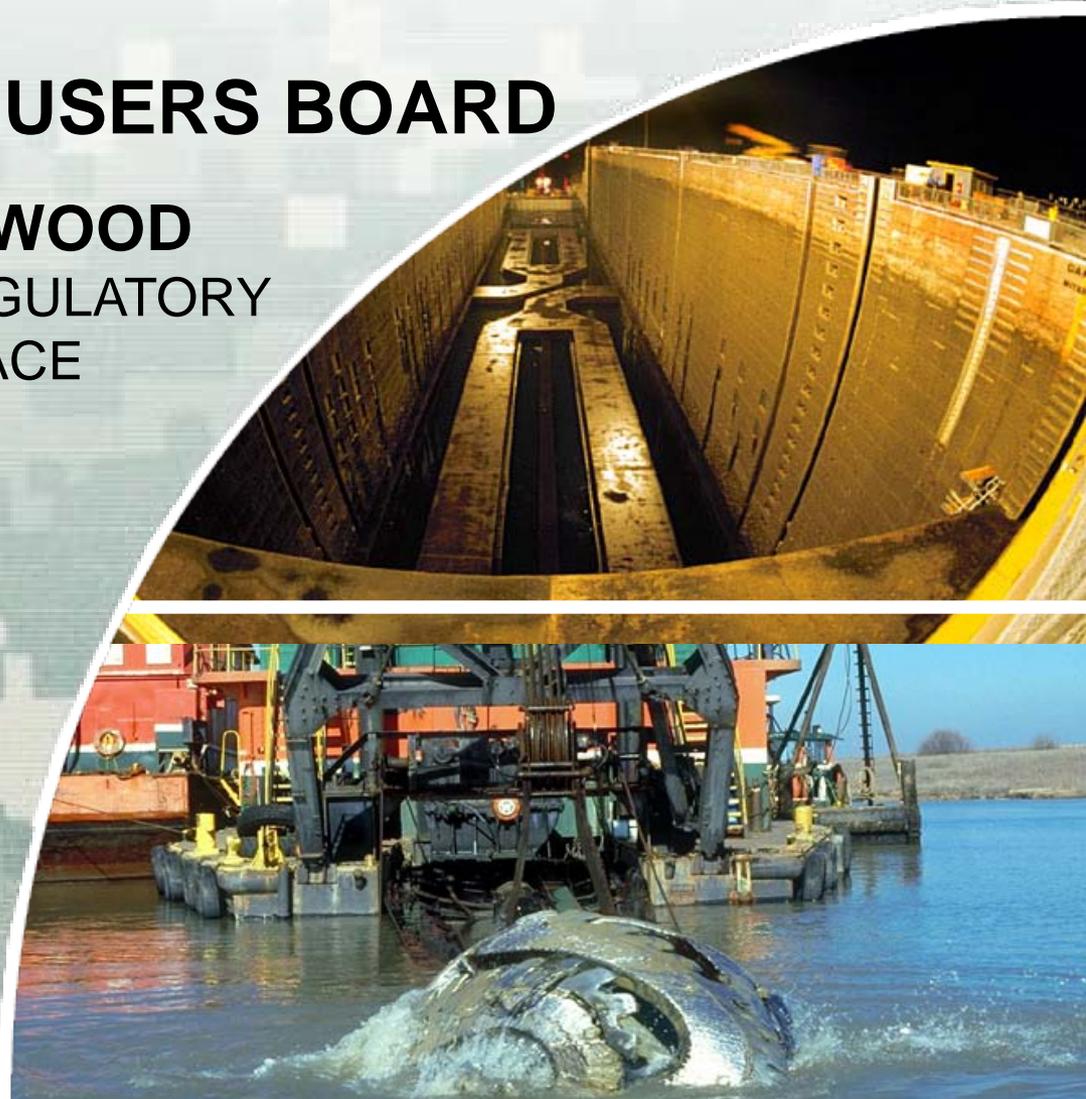
DIVISION HQUSACE

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Corps Navigation Mission

Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.



President's Budgets

(\$million)

Pres Bud	Coastal	Inland	Nav	CW total	Nav Percent
FY13	\$967	\$780	\$1747	\$4731	37
FY12	\$832	\$744	\$1575	\$4631	34
FY11	\$873	\$779	\$1652	\$4939	33
FY10	\$971	\$796	\$1767	\$5125	35
FY09	\$969	\$931	\$1900	\$4741	40
FY08	\$957	\$1052	\$2009	\$4900	41



Terminology

- River Systems
 - High: Over 3B ton-miles per year
 - Moderate: 1-3B ton-miles per year
 - Low: Less than 1B ton miles per year
- Navigation Locks
 - Full service if lock has over 1000 commercial lockages per year
 - 5 Levels of less than full service depending on commercial lockages
- There can be low use locks on high use river systems



FY12 O&M Budget Inland Navigation

Category	Rivers/ Waterways	IWTF Locks	Commerce Ton-Miles	FY13 O&M	FY12 O&M	FY11 O&M
High Use	5	79	95%	72%	66%	66%
Moderate Use	6	49	4%	21%	27%	23%
Low Use	16	45	1%	7%	7%	11%
Total	27	173	100%			

- Low commercial use projects took a 50% reduction in FY12 budget.
- FY13 Budget guidance establishes Moderate Use for Inland as 1-3B ton-miles



LEVELS OF SERVICE

The goals of this Level of Service Initiative:

- Provide levels of operating service for all locks across the IMTS with a consistent logic
- Optimize O&M expenditures for these assets and
- Extend the service life of navigation locks by optimizing level of service.



IMTS Level of Service Initiative

- Address Funding reductions in consistent, transparent manner
- Adjust Levels of Service to be consistent with effort necessary to lock tonnage
- District Operations will develop an analysis of each lock and river system.
- District Commanders will approve the analysis of the appropriate level of service.



- District Commanders will request exceptions to the baseline level of service based upon the unique circumstances of the lock or river system.
- Exceptions will compete with Routine and Non-Routine Maintenance within the normal funding of the project. No project will increase it's normal funding through the approval of exceptions.
- Each exception will be treated as a separate work package.



Levels of Service

Table 1: Definition of Levels of Service

Level #	Title	Description
1	Full Service 24/7/365	24 hours per day, 7 days a week, 365 days a year
2	Reduced Service - Two Shifts Per Day	16-20 hours per day, 7 days a week, 365 days a year (basically two shifts of either 8 or 10 hrs)
3	Limited Service - Single Shift	8-12 hours per day, 7 days a week, 365 days a year
4	Scheduled Service - Set times per day	Lockages (including recreation craft) at set times per day. For example 8 a.m. and 4 pm.
5	Weekends & Holidays	Lockages on weekends and holidays only
6	Service by Appointment	Commercial lockages by appointment*



IMTS Levels of Service

Table 2: Guide to Levels of Service

Level #	Title	Guideline for Range of Lock Operation Data
1	Full Service 24/7/365	More than 1000 commercial lockages per year
2	Reduced Service - Two Shifts Per Day	Between 500 to 1000 commercial lockages per year.
3	Limited Service - Single Shift	Less than 500 commercial lockages per year or greater than 1000 recreational lockages per year
4	Scheduled Service - Set times per day	Limited commercial and/or substantial recreational traffic, with a more consistent daytime pattern of lockage
5	Weekends & Holidays	Little to no commercial lockages with significant recreational lockages (500 or more per year).
6	Service by Appointment	Limited commercial traffic with no consistent pattern of lockage.



Implementation

- 30 April 2012 directive established Levels of Service implementation schedules:
 - 30 Sep 2012 Locks on low commercial use river systems
 - 1 Jan 2013 Locks on moderate commercial use river systems
 - 1 Apr 2013 Locks on high commercial use river systems
- OPORD routed for MG Walsh to issue



FY14 Budget

- Operations level of service is budgeted in Increment 1 (Basic Operations)
- Additional funds for MSC Commander approved exceptions are budgeted in Increment 3 (Critical Non-Routine Maintenance), competing with other work, in that category including major maintenance



Questions/Comments

