

**U.S. Army Corps of Engineers (USACE)  
WATERWAY TRAFFIC REPORT - LOCKAGE LOG**

For use of this form, see ER 1130-2-520 and EP 1130-2-520; the proponent agency is CEIWR-NDC.

**Purpose:** The Waterway Traffic Report - Lockage Log is used to collect and report data on vessels that traverse through Corps-owned or operated locks.

**Instructions:** Enter the information for each vessel that passes through the Corps-owned or operated lock. This information should be electronically entered and captured in the Lock Performance Monitoring System (LPMS).

1. VESSEL NAME	2. VESSEL NUMBER	3. LOCK NUMBER	4. CHAMBER NUMBER	5. RIVER CODE	6. RECORD NUMBER
7. DIRECTION		12. VESSEL LOCKAGE TYPES		14. VESSEL TYPES	15. OPERATOR'S INITIALS: <input style="width:100px;" type="text"/>
[ <input type="checkbox"/> ] UP		S [ <input type="checkbox"/> ] STRAIGHT		T [ <input type="checkbox"/> ] COMMERCIAL TOW BOATS	
[ <input type="checkbox"/> ] DOWN		B [ <input type="checkbox"/> ] BARGES BEFORE TOW		C [ <input type="checkbox"/> ] DRY CARGO VESSEL	
8. MULTI-VESSEL LOCKAGE		C [ <input type="checkbox"/> ] CONSECUTIVE ( <i>Two or more cuts transit in sequence</i> )		E [ <input type="checkbox"/> ] LIQUID CARGO VESSEL ( <i>Tanker</i> )	
[ <input type="checkbox"/> ] YES		V [ <input type="checkbox"/> ] SETOVER		F [ <input type="checkbox"/> ] COMMERCIAL FISHING VESSELS	
[ <input type="checkbox"/> ] NO		J [ <input type="checkbox"/> ] JACKKNIFE		M [ <input type="checkbox"/> ] COMMERCIAL NON-CARGO VESSELS ( <i>Includes hired yachts with hired pilot</i> )	
9. FOREIGN FLAG VESSEL		K [ <input type="checkbox"/> ] KNOCKOUT		P [ <input type="checkbox"/> ] PASSENGER BOATS AND FERRIES	
[ <input type="checkbox"/> ] YES		O [ <input type="checkbox"/> ] OPEN PASS		J [ <input type="checkbox"/> ] DREDGE VESSEL	
[ <input type="checkbox"/> ] NO		N [ <input type="checkbox"/> ] NAVIGABLE PASS		K [ <input type="checkbox"/> ] CREWBOAT VESSELS ( <i>Transports crew and supplies, excluding people required to operate the crewboat, i.e. supply/utility vessel</i> )	
10. LIGHT-COMMERCIAL BOATS		F [ <input type="checkbox"/> ] FAST DOUBLE ( <i>Multi-chamber</i> )		R [ <input type="checkbox"/> ] RECREATIONAL VESSELS	
<input style="width:80px;" type="text"/>		T [ <input type="checkbox"/> ] BARGE TRANSFER		G [ <input type="checkbox"/> ] FEDERAL GOVERNMENT VESSELS	
11. RECREATIONAL VESSELS		Z [ <input type="checkbox"/> ] OTHER ( <i>Remarks</i> )		U [ <input type="checkbox"/> ] FEDERAL GOVERNMENT CONTRACTOR'S VESSELS	
<input style="width:80px;" type="text"/>		13. NUMBER OF COMMERCIAL PASSENGERS		N [ <input type="checkbox"/> ] NON-FEDERAL GOVERNMENT VESSELS ( <i>State, local, etc.</i> )	
		<input style="width:150px;" type="text"/>		Z [ <input type="checkbox"/> ] OTHER ( <i>Vessels not otherwise classified</i> )	

**SECTION I - LOCKAGE TIMES**

Enter times based on a 24-hour clock: 0001 represents the beginning of a new day as 4 digits, 2359 represents the last hour and minute of the day. Enter all data for the ARRIVAL TIME: 2-digit month, 2-digit day, 4-digit year // 2 digits each for hour and minutes.

Enter the remaining times.

Enter the month, day or year ONLY IF THERE ARE CHANGES FROM THE PREVIOUS TIMES' MONTH, DAY & YEAR.

**NOTE:** SIGNAL AND DEPARTURE TIMES ARE OPTIONAL.

1. ARRIVAL			a. SIGNAL (Optional)					b. DEPARTURE (Optional)						
MONTH	DAY	YEAR	HOUR	MINUTE	MONTH	DAY	YEAR	HOUR	MINUTE	MONTH	DAY	YEAR	HOUR	MINUTE
1.1 START OF LOCKAGE			a. BOW OVER SILL		b. END OF ENTRY			c. START OF EXIT		d. END OF LOCKAGE				
MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR
HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE
1.2 START OF LOCKAGE			a. BOW OVER SILL		b. END OF ENTRY			c. START OF EXIT		d. END OF LOCKAGE				
MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR
HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE

1.3 START OF LOCKAGE			a. BOW OVER SILL			b. END OF ENTRY			c. START OF EXIT			d. END OF LOCKAGE		
MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR
HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE
1.4 START OF LOCKAGE			a. BOW OVER SILL			b. END OF ENTRY			c. START OF EXIT			d. END OF LOCKAGE		
MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR	MONTH	DAY	YEAR
HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE	HOUR		MINUTE

**SECTION II**

**Use only the Stoppage/Stall Codes listed below**  
 FOR EACH OCCURRENCE OF A STALL - ENTER THE BEGIN DATE AND TIME  
 NBR HWC = NUMBER HARDWARE CYCLES

STOPPAGE														STALL							
1. FIRST STOPPAGE BEGIN						1a. FIRST STOPPAGE END						SCHED STOP		STOP CODE 1	1b. FIRST STALL BEGIN					STALL CODE	
MO	DA	YR	HR	MIN	NBR HWC	MO	DA	YR	HR	MIN	NBR HWC	YES	NO		MO	DA	YR	HR	MIN		
												<input type="checkbox"/>	<input type="checkbox"/>								
2. FIRST STOPPAGE BEGIN						2a. FIRST STOPPAGE END						SCHED STOP		STOP CODE 1	2b. FIRST STALL BEGIN					STALL CODE	
MO	DA	YR	HR	MIN	NBR HWC	MO	DA	YR	HR	MIN	NBR HWC	YES	NO		MO	DA	YR	HR	MIN		
												<input type="checkbox"/>	<input type="checkbox"/>								
3. FIRST STOPPAGE BEGIN						3a. FIRST STOPPAGE END						SCHED STOP		STOP CODE 1	3b. FIRST STALL BEGIN					STALL CODE	
MO	DA	YR	HR	MIN	NBR HWC	MO	DA	YR	HR	MIN	NBR HWC	YES	NO		MO	DA	YR	HR	MIN		
												<input type="checkbox"/>	<input type="checkbox"/>								
4. FIRST STOPPAGE BEGIN						4a. FIRST STOPPAGE END						SCHED STOP		STOP CODE 1	4b. FIRST STALL BEGIN					STALL CODE	
MO	DA	YR	HR	MIN	NBR HWC	MO	DA	YR	HR	MIN	NBR HWC	YES	NO		MO	DA	YR	HR	MIN		
												<input type="checkbox"/>	<input type="checkbox"/>								

**STOPPAGE / STALL CODES**

WEATHER CONDITIONS	SURFACE CONDITIONS	TOW CONDITIONS	LOCK CONDITIONS	OTHER CONDITIONS
A FOG	H ICE	K INTERFERENCE BY OTHER VESSELS	Q DEBRIS IN LOCK	V VESSEL DETAINED BY COAST GUARD AND/OR CORPS
B RAIN	I RIVER CURRENT OR OUTDRAFT	L TOW MALFUNCTION OR BREAKDOWN	U ICE ON LOCK AND LOCK EQUIPMENT	W COLLISION OR ACCIDENT
C SLEET OR HAIL	J FLOOD	M TOW STAFF OCCUPIED ELSEWHERE	R LOCK HARDWARE / EQUIPMENT MALFUNCTION	X BRIDGE OR OTHER STRUCTURE
D SNOW	G LOW WATER	P TOW ACCIDENT OR COLLISION	S LOCK STAFF OCCUPIED WITH OTHER DUTIES	CC GROUNDING
E WIND	O DEBRIS		T MAINTAINING LOCK OR LOCK EQUIPMENT	DD ENVIRONMENTAL CONDITIONS (Fish, animals, oil spills, etc.,)
F LIGHTNING	N OPERATIONS ( <i>Run-spill-divert water; flush seals-reserves, etc.,</i> )		Y INSPECTION OR TESTING LOCK OR LOCK EQUIPMENT	Z OTHER (Describe in remarks)
			AA LOCK ACCIDENT	
			BB CLOSED ( <i>Unmanned for shift closure</i> )	
			EE REPAIR LOCK OR LOCK HARDWARE	

