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US Army Corps
of Engineers

Water Resources Support Center
Institute for Water Resources

AD-A183 621

Performance Monitoring System:

Summary of Lock Statistics for October-December 1986

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Frank Sharp
U.S. Army Corps of Engineers
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Although the data are edited, the United States Government does not warrant
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of computations performed with these data.

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lock
Performance Monitoring System
PMS
statistics

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

Lock Performance Monitoring data are collected at Corps locks by lock
operators from observation and information provided by waterway operators.
This quarterly summary is an overview of the collected statistics.

PERFORMANCE MONITORING SYSTEM
SUMMARY OF LOCK STATISTICS
OCTOBER 1986 - DECEMBER 1986

Navigation Division

U.S. Army Corps of Engineers
Water Resources Support Center
Institute for Water Resources
Ft. Belvoir, Virginia 22060-5586

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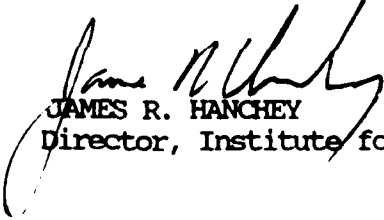


PREFACE

This report is a product of the Navigation Division of the U.S. Army Engineer Institute for Water Resources (WRSC-IWR). The information is compiled from statistics collected at the Corps locks in support of the lock Performance Monitoring System (PMS). The Engineer Automation Support Activity (EASA) provides support for PMS data base and collaborated in preparation of the report.

The report is prepared by Miss Shilpa B. Patel under the supervision of Mr. Francis M. Sharp, and Dr. Lloyd G. Antle. The Office of the Chief of Engineers (OCE) sponsor is Harold Tohlen, CWO-M (202-272-0245).

Requests to update or change the distribution, comments and questions can be directed to Frank Sharp (202-355-3083). The information is produced and distributed quarterly.


JAMES R. HANCHEY
Director, Institute for Water Resources

CONTENTS

	Page
Introduction	IX
Appendix A: Performance Monitoring System Quarterly Report October through December 1987	
New Orleans District	1
St. Louis District	17
Vicksburg District	24
Division Office, NED	31
New York District	34
Norfolk District	35
Buffalo District	38
Chicago District	39
Detroit District	40
Rock Island District	62
St. Paul District	84
Portland District	99
Seattle District	104
Walla Walla District	106
Huntington District	111
Louisville District	129
Nashville District	145
Pittsburgh District	163
Jacksonville District	196
Mobile District	206
Savannah District	231
Wilmington District	232
Sacramento District	235
Galveston District	236
Little Rock District	240
Tulsa District	252
Appendix B: Glossary	

Introduction

The lock Performance Monitoring System (PMS) encompasses the collection, editing, maintenance and analysis of data collected at all Corps-owned and operated locks. The data have been collected since March of 1975 and consist of information describing the traffic through the locks as well as the physical aspects of lockages. The quarterly summary of selected statistics presented in the appendix provides an overview of the traffic and operation at each lock. The quarterly report is presented in a table for each Corps District. Information reported for each lock and chamber includes a table providing, by direction and total, all vessels, barges, lockages and tonnages for the previous quarter, current quarter, and year-to-date. The table also provides information on the number of delayed tows, the average, total and maximum delay time, and average stall time for previous quarter, current quarter and year-to-date.

The summary information will be computed and displayed for chambers, which has data for only one or two months of the quarter. This fact is noted on the report.

BERWICK LOCK
 ATCHAFALAYA RIVER
 82 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	255	28	35	96	23	277	52	19	6
* DOWNBOUND	492	40	14	73	36	283	59	21	10
* TOTAL	747	36	21	169	29	560	55	20	16
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	309	54	19	61	37	287	55	33	7
* DOWNBOUND	300	47	21	64	46	287	50	34	33
* TOTAL	609	50	20	125	42	574	52	33	40
*>>>> PERCENT CHANGE <<<<<<	-18%	14%	-23%	-26%	6%	2%	-3%	69%	150%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1147	43	26	312	22	1072	58	27	14
* DOWNBOUND	1622	46	17	305	30	1116	57	30	76
* TOTAL	2769	45	21	617	26	2188	58	29	90
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1271	60	18	253	30	1083	40	39	16
* DOWNBOUND	1316	62	16	228	50	1124	34	42	178
* TOTAL	2587	61	17	481	40	2207	37	41	194
*>>>> PERCENT CHANGE <<<<<<	-6%	27%	-23%	-22%	18%	0%	-35%	43%	115%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	70	.0	.0	4.0	2.4	.0			
*CURRENT QTR 10/86 THRU 12/86	47	.0	.0	2.7	20.0	2.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	198	.0	.0	10.6	24.0	.0			
*CURRENT YEAR 1/86 THRU 12/86	139	.0	.0	9.2	20.0	1.4			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUL AUG
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 AUG SEP DEC

KEYSTONE LOCK
 BAYOU TECHE
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
FOURTH QUARTER									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	3	66	33	2	100	3	66	33	2
DOWNBOUND	4	25	75	6	33	10	90	10	2
TOTAL	7	42	57	8	50	13	84	15	4
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	4	25	75	6	100	10	90	10	6
DOWNBOUND	4	25	75	6	0	10	90	10	0
TOTAL	8	25	75	12	50	20	90	10	6
* >>> PERCENT CHANGE <<<<<	14%	-33%	50%	50%	50%	53%	63%	0%	50%
YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	34	52	41	28	100	55	72	27	28
DOWNBOUND	39	58	41	31	6	60	70	30	2
TOTAL	73	56	41	59	50	115	71	28	30
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	37	75	24	18	88	53	50	49	16
DOWNBOUND	43	79	20	18	0	54	50	50	0
TOTAL	80	77	22	36	44	107	50	49	16
* >>>> PERCENT CHANGE <<<<<	9%	51%	-40%	-38%	-46%	-6%	-34%	60%	-46%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELATED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
FOURTH QUARTER									
*PREVIOUS QTR 10/85 THRU 12/85	4	.1	.1	.4	.1	.0			
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0	.4	.0	.0			
YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85	30	.1	.1	3.0	.2	.0			
*CURRENT YEAR 1/86 THRU 12/86	18	.0	.0	1.7	.1	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 AUG SEP OCT DEC

FRESHWATER BAYOU LOCK
 FRESHWATER BAYOU
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85			*			*		*		*
* UPBOUND	3514	6	15 *	575	98	1884	71	0 *	340	*
* DOWNBOUND	3345	5	24 *	817	97	1926	69	0 *	641	*
* TOTAL	6859	5	19 *	1392	98	3810	70	0 *	981	*
*CURRENT QTR 10/86 THRU 12/86			*			*		*		*
* UPBOUND	2058	10	14 *	297	95	1176	97	2 *	168	*
* DOWNBOUND	1910	10	19 *	382	97	1141	96	3 *	252	*
* TOTAL	3968	10	16 *	679	96	2317	96	2 *	420	*

*>>>> PERCENT CHANGE <<<<<<	-42%	2%	-51% *	-51%	-52%	* -39%	-16%	871% *	-57%	*

* Y E A R T O D A T E			*			*		*		*

*PREVIOUS YEAR 1/85 THRU 12/85			*			*		*		*
* UPBOUND	17121	12	13 *	2387	95	8203	85	0 *	1457	*
* DOWNBOUND	16427	12	20 *	3431	95	8217	84	0 *	2568	*
* TOTAL	33548	12	16 *	5818	95	16420	84	0 *	4025	*
*CURRENT YEAR 1/86 THRU 12/86			*			*		*		*
* UPBOUND	12568	21	12 *	1609	96	6405	90	4 *	1069	*
* DOWNBOUND	12138	21	16 *	2034	94	6289	89	5 *	1431	*
* TOTAL	24706	21	14 *	3643	95	12694	89	4 *	2500	*

*>>>> PERCENT CHANGE <<<<<<	-26%	23%	-36% *	-37%	-37%	* -22%	-18%	356% *	-37%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
*-----	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	93	.0	.0	.0	.0	5.1	5.8	5.3	*	
*CURRENT QTR 10/86 THRU 12/86	62	.0	.0	.0	.0	4.1	1.4	1.3	*	

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	394	.0	.0	.0	.0	32.7	24.0	3.6	*	
*CURRENT YEAR 1/86 THRU 12/86	380	.1	.0	.0	.0	38.0	12.8	2.8	*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

PORT ALLEN LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	1212	0	85	3106	72	880	99	0	4663
DOWNBOUND	913	0	80	2051	54	716	98	0	1828
TOTAL	2125	0	83	5157	65	1596	98	0	6491
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	811	0	81	1943	76	579	99	0	2908
DOWNBOUND	638	1	79	1487	47	482	98	0	1153
TOTAL	1449	0	80	3430	63	1061	99	0	4061
*>>>> PERCENT CHANGE <<<<<	-31%	266%	-33%	-33%	-34%	-33%	-33%	50%	-37%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	4772	0	84	12032	67	3468	97	0	16677
DOWNBOUND	3731	0	81	8457	57	2894	97	0	8704
TOTAL	8503	0	83	20489	63	6362	97	0	25381
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	4160	0	84	10542	70	3128	98	0	14440
DOWNBOUND	3305	0	81	7737	52	2608	97	0	6941
TOTAL	7465	0	83	18279	62	5736	98	0	21381
*>>>> PERCENT CHANGE <<<<<	-12%	43%	-12%	-10%	-11%	-9%	-9%	0%	-15%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	1670	1.0		1.0		1823.0	10.1	.0	
*CURRENT QTR 10/86 THRU 12/86	1083	1.2		1.1		1310.8	8.3	1.6	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	6549	1.1		1.1		7785.2	24.1	.4	
*CURRENT YEAR 1/86 THRU 12/86	5723	1.1		1.0		6689.7	24.7	1.0	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

BAYOU SORREL LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT										
	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85										
*	UPBOUND	1229	0	88	* 2980	73	* 1300	46	0	* 4071
*	DOWNBOUND	974	0	74	* 1986	51	* 1009	46	0	* 1697
*	TOTAL	2203	0	82	* 4966	64	* 2309	46	0	* 5768
*CURRENT QTR 10/86 THRU 12/86										
*	UPBOUND	848	0	84	* 1943	78	* 943	87	0	* 2851
*	DOWNBOUND	689	0	73	* 1419	46	* 769	86	0	* 1106
*	TOTAL	1537	0	79	* 3362	64	* 1712	86	0	* 3957

*>>>>	PERCENT CHANGE	<<<<<								
		-30%	400%	-32%	* -32%	-32%	* -25%	39%	200%	* -31%

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85										
*	UPBOUND	4800	0	87	* 11540	68	* 5279	67	0	* 14092
*	DOWNBOUND	4113	0	74	* 8439	54	* 4398	67	0	* 7561
*	TOTAL	8913	0	81	* 19979	62	* 9677	67	0	* 21653
*CURRENT YEAR 1/86 THRU 12/86										
*	UPBOUND	4403	0	85	* 10347	72	* 4884	80	0	* 13864
*	DOWNBOUND	3604	0	73	* 7385	50	* 3999	81	0	* 6426
*	TOTAL	8007	0	79	* 17732	63	* 8883	80	0	* 20290

*>>>>	PERCENT CHANGE	<<<<<								
		-10%	0%	-11%	* -11%	-10%	* -8%	9%	0%	* -6%

*(ALL T , , EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
	TOWS	OF	OF	OF	TOWS	TIME	MAX	OF	OF	*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*

*PREVIOUS QTR 10/85 THRU 12/85	851		1.0	.4		872.1	24.0	2.7		*
*CURRENT QTR 10/86 THRU 12/86	1037		1.3	1.1		1371.5	24.0	3.3		*

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85	4585		1.3	.8		6174.1	24.0	3.9		*
*CURRENT YEAR 1/86 THRU 12/86	5059		1.6	1.2		8214.2	482.9	2.4		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

INNER HRBR NAVIGATION CANL LK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	2616	2	60	3401	52	1717	97	1	2849
* DOWNBOUND	2848	8	55	3565	53	1780	96	2	3242
* TOTAL	5464	5	57	6966	52	3497	96	1	6091
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1427	2	57	2274	43	1026	96	2	1557
* DOWNBOUND	1504	5	55	2533	61	1111	96	1	2703
* TOTAL	2931	4	56	4807	52	2137	96	1	4260
*>>>> PERCENT CHANGE <<<<<	-46%	-57%	-47%	-30%	-30%	-38%	-38%	-29%	-30%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	10962	3	59	14381	47	7029	96	1	10186
* DOWNBOUND	11015	5	58	14442	56	7209	95	2	13819
* TOTAL	21977	4	58	28823	51	14238	96	1	24005
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	9317	2	58	13636	45	6218	97	1	9364
* DOWNBOUND	9446	6	58	14406	59	6566	96	2	15027
* TOTAL	18763	4	58	28042	53	12784	96	1	24391
*>>>> PERCENT CHANGE <<<<<	-14%	-9%	-15%	-2%	-0%	-10%	-9%	-3%	1%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	3105	8.1	8.0	25352.1	62.1	1.0			
*CURRENT QTR 10/86 THRU 12/86	1617	24.8	24.3	40193.0	163.7	1.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	12704	8.5	8.3	108420.5	69.6	1.0			
*CURRENT YEAR 1/86 THRU 12/86	10804	15.1	14.9	164133.6	163.7	5.1			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

ALGIERS LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	1664	0	73	* 2640	66	* 1300	90	0	* 3054	*
* DOWNBOUND	1967	1	78	* 3768	43	* 1640	92	0	* 2729	*
* TOTAL	3631	0	76	* 6408	52	* 2940	91	0	* 5783	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	954	0	76	* 1705	69	* 816	95	0	* 2215	*
* DOWNBOUND	1130	1	80	* 2397	40	* 1075	97	0	* 1735	*
* TOTAL	2084	1	78	* 4102	52	* 1891	96	0	* 3950	*
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-42%	-40%	-40%	* -35%	-36%	* -35%	-32%	-26%	* -31%	*
-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	6565	2	72	* 10618	65	* 5148	91	0	* 12473	*
* DOWNBOUND	7990	4	73	* 14376	45	* 6629	92	0	* 10915	*
* TOTAL	14555	3	73	* 24994	53	* 11777	91	0	* 23388	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	5467	0	78	* 9855	66	* 4776	91	0	* 12309	*
* DOWNBOUND	6478	1	79	* 12767	45	* 6124	93	0	* 10698	*
* TOTAL	11945	1	78	* 22622	54	* 10900	92	0	* 23007	*
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-17%	-73%	-11%	* -9%	-8%	* -7%	-6%	-10%	* -1%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*
-----										*
*PREVIOUS QTR 10/85 THRU 12/85	2704		3.9		3.8	10729.6	23.2		1.9	*
*CURRENT QTR 10/86 THRU 12/86	1609		3.3		3.3	5452.1	17.8		3.1	*
-----										*
* Y E A R T O D A T E										*
-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	10413		3.1		3.1	33278.7	37.6		2.2	*
*CURRENT YEAR 1/86 THRU 12/86	9236		3.2		3.1	29888.6	23.8		3.0	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

HARVEY LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	1378	6	41	913	45	1086	94	3	435
DOWNBOUND	1140	2	46	738	38	897	95	1	279
TOTAL	2518	4	43	1651	42	1983	95	2	714
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	903	11	35	518	42	738	94	4	222
DOWNBOUND	732	4	46	529	36	604	96	2	207
TOTAL	1635	8	40	1047	39	1342	95	3	429
*>>> PERCENT CHANGE <<<<<	-35%	12%	-39%	-36%	-40%	32%	32%	17%	-39%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	6469	8	38	3939	45	4957	93	4	1940
DOWNBOUND	5428	5	43	3419	42	4113	94	3	1572
TOTAL	11897	7	40	7358	44	9070	93	4	3512
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	5561	10	41	3690	44	4364	94	4	1705
DOWNBOUND	4831	5	48	3737	43	3833	95	3	1926
TOTAL	10392	8	44	7427	44	8197	94	3	3631
*>>> PERCENT CHANGE <<<<<	-12%	-3%	-4%	0%	1%	-9%	-8%	-23%	3%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	1039	.4	.4	479.0	5.2	.4			
*CURRENT QTR 10/86 THRU 12/86	630	.3	.3	231.2	3.6	.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	4582	.4	.4	2196.9	8.2	.5			
*CURRENT YEAR 1/86 THRU 12/86	4303	.7	.6	3175.7	16.0	.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

BAYOU BOEUF LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	3768	4	58	* 3727	63	* 1808	33	0	* 3079	*
* DOWNBOUND	4191	3	63	* 4892	46	* 2127	34	0	* 2915	*
* TOTAL	7959	3	61	* 8619	53	* 3935	34	0	* 5994	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	1988	7	54	* 2132	65	* 871	82	0	* 2049	*
* DOWNBOUND	2259	5	58	* 3004	43	* 1050	81	0	* 1877	*
* TOTAL	4247	6	56	* 5136	52	* 1921	81	0	* 3926	*

*>>>> PERCENT CHANGE <<<<<<	-46%	-4%	-50%	* -40%	-41%	* -51%	16%	0%	* -34%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	15667	2	59	* 16031	61	* 7563	36	0	* 13056	*
* DOWNBOUND	17299	2	62	* 20114	48	* 8643	37	0	* 12083	*
* TOTAL	32966	2	61	* 36145	54	* 16206	37	0	* 25139	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	11357	6	58	* 12706	62	* 5527	49	0	* 11394	*
* DOWNBOUND	12729	5	60	* 16117	47	* 6451	50	0	* 12220	*
* TOTAL	24086	5	59	* 28823	54	* 11978	49	0	* 23614	*

*>>>> PERCENT CHANGE <<<<<<	-26%	68%	-28%	* -20%	-20%	* -26%	-0%	0%	* -6%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
*-----		DELAYED	ALL	ALL	ALL	(TOWS)	(ALL VSL)	STALLED	VSL	*
*-----		TOWS	TOWS	TOWS	TOWS					*
*PREVIOUS QTR 10/85 THRU 12/85	3691		.7	.5		2746.3	11.3		3.1	*
*CURRENT QTR 10/86 THRU 12/86	2034		.4	.3		889.3	7.9		.5	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	14250		.6	.4		9446.4	24.0		2.3	*
*CURRENT YEAR 1/86 THRU 12/86	11930		.4	.3		5691.5	21.1		1.7	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

VERMILLION LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK *								
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK *								
*>>> PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	1806	1	85	4075	56	1480	60	1	4292
* D O W N B O U N D	1804	0	85	4028	60	1496	60	1	4362
* T O T A L	3610	0	85	8103	58	2976	60	1	8654
*CURRENT YEAR 1/86 THRU 12/86	NO DATA FOR THIS LOCK *								
*>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%

*(ALL TIMES EXPRESSED IN HOURS)	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
* F O U R T H Q U A R T E R						
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	3071	2.3	2.3	7180.5	46.6	4.5

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 APR MAY JUN JUL AUG SEP OCT NOV DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

CALCASIEU LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	1902	1	87	4334	59	1645	14	0	5467
* DOWNBOUND	1895	1	85	4151	58	1613	12	0	4731
* TOTAL	3797	1	86	8485	58	3258	13	0	10198
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1438	3	82	3066	58	1122	46	0	3454
* DOWNBOUND	1416	1	82	3061	56	1090	48	0	3107
* TOTAL	2854	2	82	6127	57	2212	47	0	6561
*>>>> PERCENT CHANGE <<<<<	-24%	3%	-28%	-27%	-29%	-32%	135%	40%	-35%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	8209	1	85	18407	56	6453	48	0	20292
* DOWNBOUND	8197	2	85	18198	60	6438	46	0	19938
* TOTAL	16406	2	85	36605	58	12891	47	0	40230
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	7441	2	86	17190	57	5770	57	0	18930
* DOWNBOUND	7315	1	87	16950	58	5726	57	0	18713
* TOTAL	14756	2	86	34140	58	11496	57	0	37643
*>>>> PERCENT CHANGE <<<<<	-10%	-6%	-9%	-6%	-7%	-10%	8%	17%	-6%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	
*PREVIOUS QTR 10/85 THRU 12/85	3283		1.4	1.4	4912.0		23.9	3.8	
*CURRENT QTR 10/86 THRU 12/86	2352		.5	.5	1293.1		19.0	1.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	14080		1.3	1.3	18639.8		23.9	3.5	
*CURRENT YEAR 1/86 THRU 12/86	12811		1.8	1.8	23623.8		23.9	5.1	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

SCHOONER BAYOU CONTROL STRUCT
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	230	8	53	151	71	209	24	8	35
* DOWNBOUND	203	8	56	131	82	186	28	6	35
* TOTAL	433	8	54	282	76	395	26	7	70
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	258	39	12	37	69	151	43	22	5
* DOWNBOUND	252	38	5	17	64	153	44	26	4
* TOTAL	510	39	8	56	67	304	44	24	9
*>>>> PERCENT CHANGE <<<<<<	17%	437%	-81%	-80%	-82%	-23%	28%	146%	-87%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1658	33	33	702	61	1319	42	23	172
* DOWNBOUND	1520	31	35	637	76	1216	45	21	224
* TOTAL	3178	32	34	1339	68	2535	43	22	396
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1660	47	13	283	62	1212	51	37	120
* DOWNBOUND	1592	46	11	247	66	1191	53	37	81
* TOTAL	3252	47	12	530	64	2403	52	37	201
*>>>> PERCENT CHANGE <<<<<<	2%	49%	-62%	-60%	-63%	-5%	14%	56%	-49%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	166	.0	.0	9.1	.3	18.9			
*CURRENT QTR 10/86 THRU 12/86	42	.2	.2	9.3	1.6	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	891	.0	.0	64.8	.3	22.8			
*CURRENT YEAR 1/86 THRU 12/86	381	.1	.1	50.9	1.6	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

CATFISH POINT CONTROL STRUCT
 GULF INTRACOASTAL
 82 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	146	28	65	129	81	158	6	21	129
* DOWNBOUND	145	22	68	131	22	155	9	16	15
* TOTAL	291	25	67	260	51	313	7	18	144
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	470	81	12	73	84	293	2	60	91
* DOWNBOUND	468	80	11	68	19	307	2	56	7
* TOTAL	938	81	11	141	53	600	2	58	98
*>>>> PERCENT CHANGE <<<<<<	222%	931%	-42%	-45%	-44%	91%	-33%	494%	-31%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	793	33	51	599	79	787	26	23	488
* DOWNBOUND	780	34	51	590	24	777	30	22	63
* TOTAL	1573	34	51	1189	52	1564	28	23	551
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1895	74	18	472	79	1165	24	49	520
* DOWNBOUND	2232	69	15	471	26	1210	22	51	77
* TOTAL	4127	71	16	943	52	2375	23	50	597
*>>>> PERCENT CHANGE <<<<<<	162%	450%	-14%	-20%	-19%	51%	27%	231%	8%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	195	.0	.0	10.1	.3	.0			
*CURRENT QTR 10/86 THRU 12/86	112	.3	.3	43.1	24.0	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	805	.0	.0	50.7	2.0	6.6			
*CURRENT YEAR 1/86 THRU 12/86	691	.3	.3	250.0	144.2	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

CALCASIEU SALT WATER BARRIER
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	KTONS *
		(%)	(%) *		(%) *		(%)	(%) *	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	630	93	3 *	26	38	432	61	91 *	7 *
* DOWNBOUND	638	94	3 *	25	76	429	60	91 *	28 *
* TOTAL	1268	94	3 *	51	56	861	61	91 *	35 *
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	645	94	2 *	17	41	322	38	87 *	7 *
* DOWNBOUND	636	94	3 *	21	47	326	36	88 *	17 *
* TOTAL	1281	94	2 *	38	44	648	37	87 *	24 *
*>>>> PERCENT CHANGE <<<<<<	1%	1%	7% *	-25%	-41%	24%	53%	-27% *	-31% *
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	10081	98	0 *	92	35	2460	33	94 *	32 *
* DOWNBOUND	10064	98	0 *	91	71	2476	32	94 *	105 *
* TOTAL	20145	98	0 *	183	53	4936	33	94 *	137 *
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	10156	98	0 *	90	25	2510	28	93 *	23 *
* DOWNBOUND	10150	98	0 *	102	67	2520	27	93 *	118 *
* TOTAL	20306	98	0 *	192	47	5030	27	93 *	141 *
*>>>> PERCENT CHANGE <<<<<<	0%	0%	6% *	4%	-6%	1%	14%	1% *	2% *
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	39	.0	.0	3.4	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	36	.0	.0	2.8	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	160	.0	.0	14.4	.7	.2			
*CURRENT YEAR 1/86 THRU 12/86	171	.1	.1	17.4	10.3	1.1			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

LELAND BOWMAN LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	1890	0	93	4625	63	1853	9	1	6915
* DOWNBOUND	1896	0	93	4503	54	1828	10	0	5121
* TOTAL	3786	0	93	9128	59	3681	9	1	12036
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1240	1	94	3065	62	1116	35	1	3610
* DOWNBOUND	1270	0	92	3147	52	1152	33	0	2843
* TOTAL	2510	0	93	6212	57	2268	34	1	6453
*>>>> PERCENT CHANGE <<<<<	-33%	525%	-33%	-31%	-33%	-38%	117%	-46%	-46%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	6149	0	89	14493	60	5268	29	1	20210
* DOWNBOUND	6218	1	89	14523	54	5271	29	1	16341
* TOTAL	12367	0	89	29016	57	10539	29	1	36551
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	7120	0	92	17642	60	6277	42	0	20219
* DOWNBOUND	7112	0	93	17638	55	6231	42	0	17916
* TOTAL	14232	0	92	35280	58	12508	42	0	38135
*>>>> PERCENT CHANGE <<<<<	15%	15%	19%	21%	22%	18%	67%	-11%	4%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	3532	.7	.7	2777.7	54.4	5.7			
*CURRENT QTR 10/86 THRU 12/86	2341	.3	.3	759.6	6.1	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	11030	.7	.7	8581.6	54.4	5.6			
*CURRENT YEAR 1/86 THRU 12/86	13202	.6	.6	8923.6	48.9	4.5			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

OLD RIVER LOCK
 OLD RIVER
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	341	0	77	887	25	376	82	0	403
DOWNBOUND	318	2	79	818	70	345	79	2	836
TOTAL	659	1	78	1705	47	721	80	1	1239
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	172	1	83	474	39	204	80	0	372
DOWNBOUND	127	1	77	339	67	154	75	0	330
TOTAL	299	1	81	813	50	358	78	0	702
*>>>> PERCENT CHANGE <<<<<<	-54%	-58%	-52%	-52%	-48%	-50%	-52%	-70%	-43%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1318	4	75	3394	27	1511	75	2	1747
DOWNBOUND	1202	5	74	2913	69	1392	72	3	3142
TOTAL	2520	4	75	6307	46	2903	74	2	4889
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1213	3	77	3101	35	1368	79	2	2262
DOWNBOUND	985	5	75	2492	64	1157	74	3	2323
TOTAL	2198	4	76	5593	48	2525	77	2	4585
*>>>> PERCENT CHANGE <<<<<<	-12%	-16%	-11%	-11%	-8%	-13%	-9%	-12%	-6%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	514	.1	.1	83.7	4.7	2.6			
*CURRENT QTR 10/86 THRU 12/86	243	.1	.1	46.7	1.4	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1876	.1	.1	363.6	4.7	1.6			
*CURRENT YEAR 1/86 THRU 12/86	1680	.2	.2	358.8	312.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

KASKASKIA RIVER NAVAGATION LK
 KASKASKIA RIVER
 B3 ST LOUIS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	361	11	69	* 797	23	* 351	90	9	* 223	*
* DOWNBOUND	385	11	60	* 778	77	* 375	90	9	* 902	*
* TOTAL	746	11	64	* 1575	50	* 726	90	9	* 1125	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	193	8	68	* 463	0	* 192	91	8	* 0	*
* DOWNBOUND	214	10	59	* 492	98	* 222	90	9	* 723	*
* TOTAL	407	9	63	* 955	50	* 414	91	8	* 723	*

*>>> PERCENT CHANGE <<<<<	-45%	-53%	-46%	* -39%	-38%	* -42%	-42%	-45%	* -35%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2158	52	35	* 2668	14	* 1571	65	33	* 385	*
* DOWNBOUND	2178	50	33	* 2641	87	* 1622	65	33	* 3390	*
* TOTAL	4336	51	34	* 5309	50	* 3193	65	33	* 3775	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1883	47	39	* 2713	18	* 1437	68	31	* 609	*
* DOWNBOUND	1931	46	37	* 2781	81	* 1530	68	31	* 3345	*
* TOTAL	3814	47	38	* 5494	50	* 2967	68	31	* 3954	*

*>>> PERCENT CHANGE <<<<<	-12%	-19%	-2%	* 3%	2%	* -7%	-3%	-14%	* 4%	*

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	TOWS	TIME	MAX	OF	OF	*
-----		DELAYED	ALL	ALL		(TOWS)	(ALL VSL)	STALLED	VSL	*
-----										*
*PREVIOUS QTR 10/85 THRU 12/85	47	.3	.0	.0		15.5	2.3	1.4		*
*CURRENT QTR 10/86 THRU 12/86	10	.2	.0	.0		2.6	.5	89.6		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	138	.2	.0	.0		34.2	2.3	1.2		*
*CURRENT YEAR 1/86 THRU 12/86	101	.2	.0	.0		25.8	.8	33.9		*

LOCK & DAM 24
MISSISSIPPI RIVER
83 ST LOUIS
LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	375	8	75	2682	52	517	95	4	2089
DOWNBOUND	444	16	77	3416	90	652	90	8	4359
TOTAL	819	12	76	6098	73	1169	92	6	6448
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	372	1	88	3182	44	549	98	0	2167
DOWNBOUND	467	8	87	4472	90	750	95	4	5712
TOTAL	839	5	87	7654	71	1299	96	2	7879
*>>> PERCENT CHANGE <<<<<	2%	-56%	17%	25%	22%	11%	16%	55%	22%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1958	30	63	13699	42	2493	87	10	8622
DOWNBOUND	2007	32	63	13185	93	2552	85	12	17478
TOTAL	3965	31	63	26884	67	5045	86	11	26100
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1989	27	67	13829	46	2497	89	9	9463
DOWNBOUND	2103	30	66	14255	92	2709	88	10	18698
TOTAL	4092	29	66	28084	69	5206	88	10	28161
*>>> PERCENT CHANGE <<<<<	3%	-4%	8%	4%	7%	3%	5%	-10%	7%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELATED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	382	2.3		1.4		890.6	15.6	2.4	
*CURRENT QTR 10/86 THRU 12/86	529	3.4		2.5		1847.9	140.8	12.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1610	2.8		1.8		4596.6	89.8	3.0	
*CURRENT YEAR 1/86 THRU 12/86	1728	2.7		1.7		4799.5	140.8	5.7	

LOCK & DAM 25
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	421	11	67	2698	52	553	93	4	2081
* DOWNBOUND	498	20	69	3455	89	668	89	7	4397
* TOTAL	919	16	68	6153	73	1221	91	6	6478
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	414	1	79	3204	44	580	97	0	2156
* DOWNBOUND	526	11	77	4488	90	781	95	3	5742
* TOTAL	940	7	78	7692	71	1361	96	2	7898
* >>>> PERCENT CHANGE <<<<<	2%	-55%	17%	25%	21%	11%	17%	-58%	21%
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2572	45	48	13719	42	2695	82	15	8649
* DOWNBOUND	2596	46	48	13212	93	2698	81	16	17459
* TOTAL	5168	45	48	26931	67	5393	81	15	26108
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2674	42	49	13840	46	2761	83	15	9463
* DOWNBOUND	2798	44	49	14261	92	2923	82	15	18696
* TOTAL	5472	43	49	28101	69	5684	83	15	28159
* >>>> PERCENT CHANGE <<<<<	5%	0%	8%	4%	7%	5%	6%	4%	7%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85	625	1.1	1.1	706.8	19.6	2.3			
* CURRENT QTR 10/86 THRU 12/86	733	2.7	2.7	2013.2	82.6	8.2			
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85	2477	2.0	1.9	5000.8	111.6	5.3			
* CURRENT YEA 1/86 THRU 12/86	2700	1.5	1.5	4218.5	82.6	4.0			

LOCK & DAM 26
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	628	0	94	6924	46	1068	99	0	4860
DOWNBOUND	687	0	97	7617	91	1193	99	0	9975
TOTAL	1315	0	96	14541	70	2261	99	0	14835
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	531	0	96	6820	47	977	99	0	4722
DOWNBOUND	638	2	96	7954	90	1169	99	0	10171
TOTAL	1169	1	96	14774	70	2146	99	0	14893
*>>>> PERCENT CHANGE <<<<<	-11%	0%	-11%	1%	1%	-5%	-5%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	2478	0	95	27295	43	4243	99	0	17796
DOWNBOUND	2527	0	96	26836	91	4331	99	0	35019
TOTAL	5005	0	96	54131	67	8574	99	0	52815
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	2431	0	97	28072	48	4227	99	0	20459
DOWNBOUND	2541	0	97	28242	90	4398	99	0	36209
TOTAL	4972	0	97	56314	69	8625	99	0	56668
*>>>> PERCENT CHANGE <<<<<	-0%	-38%	0%	4%	7%	0%	0%	-60%	7%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	1265	7.3		7.2		9239.8	86.4	2.4	
*CURRENT QTR 10/86 THRU 12/86	1126	14.2		14.2		16094.4	221.2	6.6	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	4806	5.7		5.7		27846.9	86.4	1.5	
*CURRENT YEAR 1/86 THRU 12/86	4839	6.2		6.2		30190.9	221.2	4.2	

LOCK & DAM 26 AUX 1
 MISSISSIPPI RIVER
 B3 ST LOUIS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	506	8	62 *	839	42	605	96	2 *	610	*
* DOWNBOUND	728	39	38 *	748	64	685	81	17 *	725	*
* TOTAL	1234	26	48 *	1587	53	1290	88	10 *	1335	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	499	2	77 *	1425	47	747	98	0 *	1182	*
* DOWNBOUND	667	32	55 *	1453	69	813	89	9 *	1459	*
* TOTAL	1166	19	64 *	2878	58	1560	93	5 *	2641	*

*>>>> PERCENT CHANGE <<<<<<	-5%	-31%	26% *	81%	100% *	20%	27%	-38% *	97%	*

* Y E A R T O D A T E										
*										
*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	2252	36	43 *	2558	44	2174	82	15 *	2001	*
* DOWNBOUND	2599	46	36 *	2595	62	2348	77	21 *	2491	*
* TOTAL	4851	41	39 *	5153	53	4522	79	18 *	4492	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	2335	32	48 *	2946	46	2295	85	13 *	2300	*
* DOWNBOUND	2552	40	41 *	2980	60	2387	81	16 *	2673	*
* TOTAL	4887	36	44 *	5926	53	4682	83	15 *	4973	*

*>>>> PERCENT CHANGE <<<<<<	0%	-10%	13% *	15%	15% *	3%	7%	-14% *	10%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*										
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*	TOWS	OF	OF	TIME	MAX	OF				
*		DELAYED	ALL	(TOWS)	(ALL VSL)	STALLED				
*		TOWS	TOWS			VSLs				
*PREVIOUS QTR 10/85 THRU 12/85	592	2.2	2.2	1321.9	56.9	2.7				
*CURRENT QTR 10/86 THRU 12/86	749	3.3	3.3	2521.8	166.4	16.9				

* Y E A R T O D A T E										
*										
*PREVIOUS YEAR 1/85 THRU 12/85	1908	1.4	1.4	2789.2	62.1	3.4				
*CURRENT YEAR 1/86 THRU 12/86	2168	1.6	1.6	3539.8	166.4	8.9				

CHAIN OF ROCKS LOCK & DAM 27
 MISSISSIPPI RIVER
 B3 ST LOUIS
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	BARGES* TOTAL	BARGES LOADED (%)	LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	TONNAGE* KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	1380	1	83	8710	43	1160	97	0	5741
* DOWNBOUND	1589	13	75	9423	89	1292	92	6	12322
* TOTAL	2969	7	79	18133	67	2452	94	3	18063
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	993	0	89	8640	45	916	99	0	5981
* DOWNBOUND	1045	3	89	9565	88	979	98	1	12271
* TOTAL	2038	1	89	18205	68	1895	98	0	18252
*>>>> PERCENT CHANGE <<<<<<	-31%	-83%	-22%	0%	2%	-22%	-19%	-84%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	5555	8	78	33901	41	4634	93	3	21601
* DOWNBOUND	5807	12	75	33392	88	4802	92	5	43536
* TOTAL	11362	10	77	67293	64	9436	93	4	65137
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	4072	3	87	32663	46	3703	98	1	23207
* DOWNBOUND	3965	4	87	32045	88	3656	97	1	41304
* TOTAL	8037	3	87	64708	67	7359	97	1	64511
*>>>> PERCENT CHANGE <<<<<<	-29%	-74%	-19%	-3%	0%	-22%	-18%	-71%	-0%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S			
*PREVIOUS QTR 10/85 THRU 12/85	1897	1.1	.9	2159.0	9.6	1.2			
*CURRENT QTR 10/86 THRU 12/86	1351	.9	.7	1305.1	7.5	36.4			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	6897	1.8	1.4	13091.4	74.6	2.6			
*CURRENT YEAR 1/86 THRU 12/86	4844	.8	.5	4105.5	33.8	10.0			

CHAIN OF ROCKS LK & DM 27 AX1
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85											
*	UPBOUND	0	0	0	0	0	0	0	0	0	0
*	DOWNBOUND	4	100	0	0	3	0	100	0	0	0
*	TOTAL	4	100	0	0	3	0	100	0	0	0
*CURRENT QTR 10/86 THRU 12/86											
*	UPBOUND	386	2	72	607	27	362	95	1	235	235
*	DOWNBOUND	599	31	55	825	67	480	78	17	850	850
*	TOTAL	985	19	62	1432	50	842	85	10	1085	1085

*>>>>	PERCENT CHANGE	<<<<<	525%	775%	0%	0%	0%	966%	0%	900%	0%

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85											
*	UPBOUND	1	100	0	0	1	0	100	0	0	0
*	DOWNBOUND	18	100	0	0	11	0	100	0	0	0
*	TOTAL	19	100	0	0	12	0	100	0	0	0
*CURRENT YEAR 1/86 THRU 12/86											
*	UPBOUND	1647	26	54	2098	33	1393	82	13	1013	1013
*	DOWNBOUND	2103	35	48	2659	71	1662	77	19	2837	2837
*	TOTAL	3750	31	51	4757	54	3055	79	16	3850	3850

*>>>>	PERCENT CHANGE	<<<<<	636%	136%	0%	0%	0%	358%	0%	216%	0%

*(ALL TIMES EXPRESSED IN HOURS)											
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL	*				

*PREVIOUS QTR 10/85 THRU 12/85		0	.0	.0	.0	.0	61.0	*			
*CURRENT QTR 10/86 THRU 12/86		255	.2	.1	74.6	1.5	72.2	*			

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85		0	.0	.0	.0	.0	61.0	*			
*CURRENT YEAR 1/86 THRU 12/86		792	1.9	.8	1564.0	52.9	193.5	*			

JONESVILLE LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	37	0	83	102	36	43	72	0	68
* DOWNBOUND	37	10	86	102	68	43	72	4	99
* TOTAL	74	5	85	204	52	86	72	2	167
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	196	20	64	405	47	270	66	9	349
* DOWNBOUND	183	22	68	394	57	272	65	8	320
* TOTAL	379	21	66	799	52	542	65	8	669
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS	AVG DELAY OF DELATED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	7	.2	.0	1.4	.6	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	45	.2	.0	13.4	2.3	.0			

COLUMBIA LOCK & DAM
 OUCHITA/BLACK RIV
 84 VICKSBURG
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT          VESSEL VESSEL VESSEL * BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----
* F O U R T H   Q U A R T E R      ( % )   ( % )   *   ( % )   *   ( % )   ( % )   ( % )   *   K T O N S   *
*-----
*PREVIOUS QTR 10/85 THRU 12/85
*      U P B O U N D              10    10    90 *    22   81 *    12    75    8 *    24 *
*      D O W N B O U N D          10    10    80 *    19   31 *    12    75    8 *     8 *
*      T O T A L                  20    10    85 *    41   58 *    24    75    8 *    32 *
*-----
*>>>> PERCENT CHANGE <<<<<<   -100% -100% -100% * -100% -100% * -100% -100% -100% * -100% *
*-----
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85
*      U P B O U N D              106   48   44 *   133  87 *   101   62   25 *   160 *
*      D O W N B O U N D          92   47   41 *   109  19 *    97   56   25 *    32 *
*      T O T A L                  198  47   42 *   242  56 *   198   59   25 *   192 *
*-----
*>>>> PERCENT CHANGE <<<<<<   -100% -100% -100% * -100% -100% * -100% -100% -100% * -100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----
* F O U R T H   Q U A R T E R      D E L A Y E D   A V G   D E L A Y   A V G   D E L A Y   T O T A L   D E L A Y   D E L A Y   A V G   S T A L L
*      T O W S           O F           O F           T I M E           M A X           O F
*      T O W S           D E L A Y E D T O W S   A L L T O W S   ( T O W S )   ( A L L V S L ) S T A L L E D V S L S
*-----
*PREVIOUS QTR 10/85 THRU 12/85          1           .0           .0           .0           .0           .0
*-----
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85          4           .0           .0           .2           .0           .4
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NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB
  
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FELSENTHAL LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	125	98	1	2	50	107	1	95	0
* DOWNBOUND	115	99	0	1	100	101	0	96	1
* TOTAL	240	98	1	3	66	208	1	95	1
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1087	91	5	74	91	729	11	86	65
* DOWNBOUND	1136	90	5	85	32	802	10	86	20
* TOTAL	2223	90	5	159	60	1531	11	86	85
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	3	.0	.0	.2	.2	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	114	.0	.0	5.6	.3	2.0			

CALION LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	46	60	28	16	93	39	41	53	5
* DOWNBOUND	50	66	28	17	41	46	36	58	2
* TOTAL	96	63	28	33	66	85	38	56	7
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	432	92	5	30	83	349	7	84	9
* DOWNBOUND	432	92	6	33	57	361	6	84	10
* TOTAL	864	92	5	63	69	710	7	84	19
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	27	.0	.0	1.5	.3	.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	49	.0	.0	2.4	.3	.4			

LOCK & DAM 6
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT          VESSEL VESSEL VESSEL * BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
* ..... TOTAL   RECRTN TOWS * TOTAL LOADED * TOTAL  COMMER RECRTN *  KTONS *
* F O U R T H   Q U A R T E R      (%)   (%) *          (%) *          (%)   (%) *          *
* .....
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK *
* .....
* >>>> PERCENT CHANGE <<<<<<          0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
* .....
*   Y E A R   T O   D A T E
* .....
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK *
* .....
* >>>> PERCENT CHANGE <<<<<<          0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
*****

*(ALL TIMES EXPRESSED IN HOURS)
* .....
* F O U R T H   Q U A R T E R      DELAYED   AVG DELAY   AVG DELAY   TOTAL DELAY DELAY   AVG STALL
* ..... TOWS     OF           OF           TIME         MAX         OF
* ..... TOWS     DELAYED TOWS   ALL TOWS   (TOWS)       (ALL VSL) STALLED VSLs *
* .....
*   Y E A R   T O   D A T E
* .....
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LOCK & DAM 8
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*----- TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R          ( % ) ( % ) * ( % ) * ( % ) ( % ) * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<          0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<          0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*(ALL TIMES EXPRESSED IN HOURS)          AVG DELAY AVG DELAY TOTAL DELAY DELAY AVG STALL *
*----- DELAYED OF OF TIME MAX OF *
* F O U R T H   Q U A R T E R          TOWS DELAYED TOWS ALL TOWS (TOWS) (ALL VSL) STALLED VSLS *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
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RED RIVER LOCK & DAM #1
 RED RIVER
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

PAGE 30

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	75	4	80	157	96	78	93	2	185
* DOWNBOUND	70	4	58	139	5	74	93	2	3
* TOTAL	145	4	69	296	53	152	93	2	188
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	550	1	80	1120	97	582	91	1	1346
* DOWNBOUND	549	2	67	1085	4	585	89	1	23
* TOTAL	1099	2	74	2205	51	1167	90	1	1369
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	100	.1	.1	16.2	.8	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	801	.1	.1	140.5	5.0	2.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP

*
*
* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86: *
*
* CHARLES RIVER LOCKS & DAM - CHARLES RIVER *
* CHARLES RIVER LOCKS & DAM AUX 1 - CHARLES RIVER *
* CHARLES RIVER LOCKS & DAM AUX 2 - CHARLES RIVER *
*
*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

TROY LOCK & DAM
 HUDSON RIVER
 E3 NEW YORK
 NORTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	148	70	26	42	100	142	38	54	86
* DOWNBOUND	387	87	10	42	0	303	18	77	0
* TOTAL	535	82	15	84	50	445	24	70	86
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	159	69	24	44	100	166	40	45	77
* DOWNBOUND	431	88	10	46	8	334	20	72	3
* TOTAL	590	83	14	90	53	500	27	63	80
*>>>> PERCENT CHANGE <<<<<<	10%	11%	4%	7%	14%	12%	24%	1%	-6%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2336	93	6	153	92	1458	30	66	297
* DOWNBOUND	2423	93	5	131	1	1526	23	73	2
* TOTAL	4759	93	5	284	50	2984	26	70	299
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2650	94	4	141	99	1609	12	81	288
* DOWNBOUND	2696	94	4	135	4	1621	11	81	8
* TOTAL	5346	94	4	276	52	3230	11	81	296
*>>>> PERCENT CHANGE <<<<<<	12%	13%	-3%	-2%	1%	8%	-52%	25%	-1%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	48	.0	.0	4.4	.4	.0			
*CURRENT QTR 10/86 THRU 12/86	50	.1	.0	5.0	2.0	1.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	151	.1	.0	17.2	1.8	.7			
*CURRENT YEAR 1/86 THRU 12/86	160	.1	.0	19.3	1552.0	.9			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR DEC

GREAT BRIDGE GUARD LOCK
 ATLANT INTRCOASTAL
 E4 NORFOLK
 NORTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	495	53	31	194	53	432	48	38	94
* DOWNBOUND	3084	92	4	178	48	954	21	72	83
* TOTAL	3579	87	8	372	51	1386	29	62	177
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	494	64	28	164	54	429	38	49	99
* DOWNBOUND	3742	94	4	228	34	975	19	76	75
* TOTAL	4236	91	6	392	42	1404	25	67	174
*>>>> PERCENT CHANGE <<<<<<	18%	23%	-3%	5%	-11%	1%	-14%	10%	-1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	6389	86	10	876	50	3034	26	65	466
* DOWNBOUND	6706	86	9	873	43	2967	26	64	360
* TOTAL	13095	86	10	1749	47	6001	26	65	826
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	6804	86	9	957	40	3045	27	64	400
* DOWNBOUND	7710	88	8	1034	34	3077	26	65	349
* TOTAL	14514	87	9	1991	37	6122	27	64	749
*>>>> PERCENT CHANGE <<<<<<	10%	11%	-2%	13%	-9%	2%	5%	1%	-9%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs		
*PREVIOUS QTR 10/85 THRU 12/85	300	.0	.0	.0	21.3	.7	.0		
*CURRENT QTR 10/86 THRU 12/86	291	.0	.0	.0	18.4	.5	.0		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1340	.0	.0	.0	95.1	.7	2.4		
*CURRENT YEAR 1/86 THRU 12/86	1306	.0	.0	.0	89.9	.7	2.9		

DEEP CREEK LOCK
 DISMAL SWAMP
 E4 NORFOLK
 NORTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	16	93	6	1	0	12	8	83	0
* DOWNBOUND	161	98	0	0	0	89	1	96	0
* TOTAL	177	98	0	1	0	101	1	95	0
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1	0	100	1	100	1	100	0	0
* DOWNBOUND	0	0	0	0	0	0	0	0	0
* TOTAL	1	0	100	1	100	1	100	0	0
*>>>> PERCENT CHANGE <<<<<<	-99%	-100%	0%	0%	0%	-99%	-50%	-100%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	180	90	3	8	50	107	6	84	0
* DOWNBOUND	533	96	0	9	66	274	2	94	0
* TOTAL	713	95	1	17	58	381	3	91	0
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	340	98	0	3	33	183	1	93	0
* DOWNBOUND	209	97	1	3	66	106	2	92	0
* TOTAL	549	98	1	6	50	289	2	93	0
*>>>> PERCENT CHANGE <<<<<<	-23%	-20%	-45%	-64%	-70%	-24%	-53%	-22%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	1	.0	.0	.0	.1	.0			
*CURRENT QTR 10/86 THRU 12/86	1	.0	.0	.0	.0	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	10	.0	.0	.7	.5	.0			
*CURRENT YEAR 1/86 THRU 12/86	6	.0	.0	.5	.2	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR SEP NOV DEC

SOUTH MILLS LOCK
DISMAL SWAMP
E4 NORFOLK
NORTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	9	88	11 *	1	0	9	11	77 *	0	*
* DOWNBOUND	157	99	0 *	0	0	78	1	97 *	0	*
* TOTAL	166	98	0 *	1	0	87	2	95 *	0	*
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK *			*		*			*	*

*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100% *	-100%	0%	-100%	-100%	-100% *	0%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	351	99	0 *	1	0	191	1	97 *	0	*
* DOWNBOUND	305	99	0 *	1	0	162	1	95 *	0	*
* TOTAL	656	99	0 *	2	0	353	1	96 *	0	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	325	99	0 *	1	0	177	0	97 *	0	*
* DOWNBOUND	186	98	1 *	2	50	98	2	95 *	0	*
* TOTAL	511	99	0 *	3	33	275	1	97 *	0	*

*>>>> PERCENT CHANGE <<<<<	-22%	-22%	50% *	50%	0%	-22%	-25%	-21% *	0%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED	ALL	(TOWS)	(ALL VSL)	STALLED				
	TOWS	TOWS	TOWS			VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	1	.0	.0	.0	1.2	.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	1	.0	.0	.0	2.5	.5				
*CURRENT YEAR 1/86 THRU 12/86	3	.0	.0	.2	2.1	.3				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP OCT
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR AUG SEP OCT NOV DEC

BLACK ROCK LOCK
 BLK ROCK CH/TONAWANDA
 F1 BUFFALO
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	284	86	10	30	20	156	24	68	56
* DOWNBOUND	485	92	6	36	77	231	15	79	168
* TOTAL	769	90	8	66	51	387	19	75	224
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	134	88	1	2	50	165	16	70	7
* DOWNBOUND	303	91	4	14	100	310	9	85	92
* TOTAL	437	90	3	16	93	475	11	80	99
*>>>> PERCENT CHANGE <<<<<<	-43%	-43%	-74%	-75%	-55%	22%	-24%	30%	-55%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	6004	98	0	57	12	1809	26	69	65
* DOWNBOUND	5649	98	1	81	82	1654	7	89	456
* TOTAL	11653	98	1	138	53	3463	17	79	521
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	4323	98	0	29	3	1859	22	73	8
* DOWNBOUND	4339	98	1	52	86	1938	18	77	353
* TOTAL	8662	98	0	81	56	3797	20	75	361
*>>>> PERCENT CHANGE <<<<<<	-25%	-25%	-38%	-41%	-37%	9%	29%	4%	-30%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	20	.0	.0	.4	.2	.0			
*CURRENT QTR 10/86 THRU 12/86	1	.0	.0	.0	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	30	.0	.0	.6	.8	3.8			
*CURRENT YEAR 1/86 THRU 12/86	26	.0	.0	.4	.5	.0			
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR									
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR									

CHICAGO LOCK
 CHICAGO HARBOR
 F2 CHICAGO
 NORTH CENTRAL DIVISION

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* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      ( % )   ( % ) *       ( % ) *       ( % )   ( % ) *       *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT   QTR 10/86 THRU 12/86      *       *
*          UPBOUND          365    76    4 *    18  72 *    811    13    17 *    40 *
*          DOWNBOUND        2189   96    0 *    14  50 *   1127     3    48 *    33 *
*          TOTAL            2554   93    1 *    32  62 *   1938     7    35 *    73 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<         0%    0%    0% *    0%    0% *    0%    0%    0% *    0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT YEAR 1/86 THRU 12/86      *       *
*          UPBOUND          10423   94    0 *    95  77 *   7174    33    30 *   192 *
*          DOWNBOUND        10588   94    0 *    96  46 *   6744    28    32 *   131 *
*          TOTAL            21011   94    0 *   191  62 *  13918    31    31 *   323 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<         0%    0%    0% *    0%    0% *    0%    0%    0% *    0% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      DELAYED      AVG DELAY      AVG DELAY      TOTAL DELAY  DELAY      AVG STALL
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*          TOWS      OF      OF      TIME      MAX      OF
*          TOWS      DELAYED YOWS  ALL TOWS  (TOWS)  (ALL VSL) STALLED VSL
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT   QTR 10/86 THRU 12/86      14          .0          .0          .8      24.0          .0
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT YEAR 1/86 THRU 12/86      95          .0          .0          3.6      48.0          .0
*****

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NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

*
*
* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86:
*
* DE PERE LOCK & DAM - FOX RIVER
* LITTLE KAUKAUNA LOCK & DAM - FOX RIVER
* RAPIDE CROCHE LOCK AND DAM - FOX RIVER
* KAUKAUNA LOCK 1 - FOX RIVER
* KAUKAUNA LOCK 2 - FOX RIVER
* KAUKAUNA LOCK 3 - FOX RIVER
* KAUKAUNA LOCK 4 - FOX RIVER
* KAUKAUNA LOCK 5 - FOX RIVER
* LITTLE CHUTE LOCK 2 - FOX RIVER
* LITTLE CHUTE COMB LOCKS UPPER - FOX RIVER
* LITTLE CHUTE COMB LOCKS LOWER - FOX RIVER
* CEDARS LOCK AND DAM - FOX RIVER
* APPLETON LOCK 1 - FOX RIVER
* APPLETON LOCK 2 - FOX RIVER
* APPLETON LOCK 3 - FOX RIVER
* APPLETON LOCK 4 - FOX RIVER
* MENASHA LOCK AND DAM - FOX RIVER
*
*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

ALANSON LOCK
 THE INLAND ROUTE
 F3 DETROIT
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	15	100	0	0	0	132	0	100	0
* DOWNBOUND	11	100	0	0	0	130	0	100	0
* TOTAL	26	100	0	0	0	262	0	100	0
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	6	100	0	0	0	114	0	100	0
* DOWNBOUND	8	100	0	0	0	125	0	100	0
* TOTAL	14	100	0	0	0	239	0	100	0
*>>>> PERCENT CHANGE <<<<<<	-46%	-46%	0%	0%	0%	-8%	0%	-8%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1668	98	0	0	0	4092	15	115	0
* DOWNBOUND	1590	99	0	0	0	4012	14	114	0
* TOTAL	3258	99	0	0	0	8104	14	114	0
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1951	99	0	0	0	4047	0	100	0
* DOWNBOUND	1910	99	0	0	0	4095	0	100	0
* TOTAL	3861	99	0	0	0	8142	0	100	0
*>>>> PERCENT CHANGE <<<<<<	18%	18%	0%	0%	0%	0%	-100%	-12%	0%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.0	.0			
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.0	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.0	.0			
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.1	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR NOV DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR NOV DEC

MACARTHUR LOCK
 ST MARYS RIVER
 F3 DETROIT
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	316	0	97	311	21	405	89	0	923
* DOWNBOUND	342	0	94	359	90	359	86	0	5634
* TOTAL	658	0	95	670	58	764	87	0	6557
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	361	1	91	336	15	468	87	0	477
* DOWNBOUND	404	0	87	398	92	410	87	0	6322
* TOTAL	765	1	89	734	57	878	87	0	6799
*>>>> PERCENT CHANGE <<<<<<	16%	100%	8%	9%	7%	14%	14%	-100%	3%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1146	3	94	1101	22	2180	85	1	3198
* DOWNBOUND	1177	2	95	1244	86	1402	77	2	19358
* TOTAL	2323	2	94	2345	56	3582	82	1	22556
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1117	6	88	1007	17	2235	90	1	1994
* DOWNBOUND	1157	4	87	1102	89	1299	82	4	18179
* TOTAL	2274	5	87	2109	55	3534	87	2	20173
*>>>> PERCENT CHANGE <<<<<<	-2%	86%	-9%	-10%	-11%	-1%	4%	37%	10%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	38	.1	.0	4.7	1.8	.6			
*CURRENT QTR 10/86 THRU 12/86	59	.1	.0	7.1	4.0	.4			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	171	.2	.0	35.1	3.8	.4			
*CURRENT YEAR 1/86 THRU 12/86	178	.1	.0	20.7	4.0	.3			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

NEW POE LOCK
 ST MARYS RIVER
 F3 DETROIT
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	446	0	97	447	22	486	93	0	1346
* DOWNBOUND	445	0	97	447	85	446	93	0	14412
* TOTAL	891	0	97	894	54	932	93	0	15758
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	495	2	91	462	20	532	92	0	1599
* DOWNBOUND	494	1	89	465	90	487	91	0	14631
* TOTAL	989	1	90	927	55	1019	92	0	16230
*>>>> PERCENT CHANGE <<<<<<	10%	800%	3%	3%	5%	9%	7%	0%	2%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1392	0	97	1402	20	1883	91	0	4087
* DOWNBOUND	1344	1	97	1344	88	1451	88	1	47492
* TOTAL	2736	1	97	2746	53	3334	90	1	51579
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1391	3	91	1304	20	1880	94	0	4267
* DOWNBOUND	1350	2	91	1295	89	1407	90	2	45171
* TOTAL	2741	3	91	2599	54	3287	92	1	49438
*>>>> PERCENT CHANGE <<<<<<	0%	206%	-6%	-5%	-3%	-1%	1%	38%	-4%

*(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	40	.3	.0	12.1	6.2	.3
*CURRENT QTR 10/86 THRU 12/86	47	.2	.0	10.4	4.0	.3
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	133	.3	.0	43.6	11.0	.5
*CURRENT YEAR 1/86 THRU 12/86	131	.2	.0	38.8	9.4	.5

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

DAVIS LOCK00
 ST MARYS RIVER
 F3 DETROIT
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	3	0	100	3	0	5	60	0	0
* DOWNBOUND	3	0	66	2	0	3	66	0	0
* TOTAL	6	0	83	5	0	8	62	0	0
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	-100%	0%	-100%	-100%	0%	-100%	-100%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	4	0	100	4	0	12	16	0	0
* DOWNBOUND	5	0	80	4	25	13	30	0	5
* TOTAL	9	0	88	8	12	25	24	0	5
*CURRENT YEAR 1/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	-100%	0%	-100%	-100%	-100%	-100%	100%	0%	-100%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	1	.5	.1	.5	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2	.3	.0	.6	.5	.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR JUN OCT
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

SABIN LOCK00
 ST MARYS RIVER
 F3 DETROIT
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT YEAR 1/86 THRU 12/86									
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	DELAYED TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL			
* Y E A R T O D A T E									

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR JUN OCT
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

THOMAS J O'BRIEN
 ILLINOIS
 F4 ROCK ISLAND
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	524	27	58	880	68	467	78	20	875
* DOWNBOUND	1222	68	26	948	59	687	55	44	863
* TOTAL	1746	55	36	1828	63	1154	64	34	1738
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	534	34	54	829	73	463	52	46	916
* DOWNBOUND	1278	72	23	849	48	660	15	83	623
* TOTAL	1812	61	32	1678	60	1123	31	68	1539
*>>>> PERCENT CHANGE <<<<<<	3%	14%	-6%	-8%	-11%	-2%	-53%	91%	-11%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	8832	84	13	3259	64	3565	38	60	3087
* DOWNBOUND	8833	84	13	3283	56	3423	40	58	2829
* TOTAL	17665	84	13	6542	60	6988	39	59	5916
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	8878	84	12	3457	67	3367	36	62	3427
* DOWNBOUND	8831	84	12	3453	53	3282	33	65	2787
* TOTAL	17709	84	12	6910	60	6649	34	64	6214
*>>>> PERCENT CHANGE <<<<<<	0%	1%	-2%	5%	5%	-4%	-16%	2%	5%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	107	.2	.0	30.9	5.0	1.6			
*CURRENT QTR 10/86 THRU 12/86	126	.2	.0	33.0	.7	.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	488	.2	.0	124.7	5.0	1.2			
*CURRENT YEAR 1/86 THRU 12/86	548	.2	.0	155.8	4.5	.3			

LOCKPORT LOCK
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	624	1	84	* 2496	85	* 575	98	0	* 3198	*
* DOWNBOUND	781	20	68	* 2525	35	* 635	91	8	* 1351	*
* TOTAL	1405	12	75	* 5021	60	* 1210	94	4	* 4549	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	555	1	87	* 2404	87	* 551	98	1	* 3132	*
* DOWNBOUND	700	20	72	* 2360	31	* 643	78	21	* 1118	*
* TOTAL	1255	11	79	* 4764	59	* 1194	87	12	* 4250	*

*>>>> PERCENT CHANGE <<<<<<	-10%	-11%	-6%	* -5%	-5%	* -1%	-9%	157%	* -6%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2459	16	72	* 8259	82	* 2070	93	6	* 10108	*
* DOWNBOUND	2658	21	68	* 8344	36	* 2178	91	8	* 4636	*
* TOTAL	5117	19	70	* 16603	59	* 4248	92	7	* 14744	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2563	16	73	* 9404	87	* 2293	92	6	* 12291	*
* DOWNBOUND	2727	19	72	* 9366	31	* 2450	86	12	* 4467	*
* TOTAL	5290	18	72	* 18770	59	* 4743	89	9	* 16758	*

*>>>> PERCENT CHANGE <<<<<<	3%	-1%	6%	* 13%	12%	* 11%	8%	43%	* 13%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*.....	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*			
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF	*			
*.....		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*			
*PREVIOUS QTR 10/85 THRU 12/85	894	1.8	1.5	1637.6	24.6	2.5	*			
*CURRENT QTR 10/86 THRU 12/86	769	.9	.7	767.5	11.2	.9	*			

* Y E A R T O D A T E							*			

*PREVIOUS YEAR 1/85 THRU 12/85	2942	1.8	1.5	5474.1	25.1	3.1	*			
*CURRENT YEAR 1/86 THRU 12/86	3116	1.7	1.4	5480.0	32.5	2.3	*			

BRANDON ROAD LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRIN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRIN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	639	2	83	2569	84	598	98	1	3253
* DOWNBOUND	759	18	68	2555	37	647	90	8	1445
* TOTAL	1398	11	75	5124	60	1245	94	5	4698
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	558	1	87	2440	86	551	98	1	3143
* DOWNBOUND	693	21	71	2375	32	631	78	21	1182
* TOTAL	1251	12	78	4815	60	1182	87	12	4325
*>>>> PERCENT CHANGE <<<<<<	-10%	1%	-6%	6%	-6%	-5%	-12%	118%	-7%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2738	18	66	8522	81	2297	90	9	10299
* DOWNBOUND	2785	20	63	8414	39	2312	89	10	4994
* TOTAL	5523	19	64	16936	60	4609	89	9	15293
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2669	20	69	9591	86	2428	89	9	12357
* DOWNBOUND	2785	23	68	9429	33	2463	86	13	4738
* TOTAL	5454	21	68	19020	60	4891	87	11	17095
*>>>> PERCENT CHANGE <<<<<<	-1%	9%	4%	12%	12%	6%	3%	26%	11%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALL D VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	773	1.5	1.1	1230.6	29.5	6.2			
*CURRENT QTR 10/86 THRU 12/86	675	1.4	.9	953.2	12.1	1.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2658	1.4	1.0	3904.8	29.5	3.2			
*CURRENT YEAR 1/86 THRU 12/86	2730	1.5	1.0	4097.5	24.0	1.3			

DRESDEN ISLAND LOCK & DAM
 ILLINOIS
 F4 ROCK ISLAND
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	574	13	76	* 2693	82	* 634	93	5	* 3402	*
* DOWNBOUND	660	25	68	* 2670	41	* 674	87	12	* 1777	*
* TOTAL	1234	19	72	* 5363	61	* 1308	90	9	* 5179	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	491	8	85	* 2612	85	* 579	90	6	* 3359	*
* DOWNBOUND	604	25	70	* 2522	37	* 648	71	26	* 1501	*
* TOTAL	1095	17	77	* 5134	62	* 1227	80	16	* 4860	*

*>>>> PERCENT CHANGE <<<<<<	-11%	-20%	-5%	* -4%	-4%	* -6%	16%	74%	* -6%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2922	42	51	* 8997	79	* 2495	79	19	* 10782	*
* DOWNBOUND	3033	45	50	* 9025	43	* 2534	78	20	* 6423	*
* TOTAL	5955	43	50	* 18022	61	* 5029	79	19	* 17205	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3108	43	52	* 10164	84	* 2690	79	19	* 13052	*
* DOWNBOUND	3194	44	51	* 10009	38	* 2738	75	23	* 6093	*
* TOTAL	6302	44	51	* 20173	61	* 5428	77	21	* 19145	*

*>>>> PERCENT CHANGE <<<<<<	5%	6%	7%	* 11%	11%	* 7%	5%	16%	* 11%	*

* (ALL TIMES EXPRESSED IN HOURS)										*
-----	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			*
* F O U R T H Q U A R T E R	TOWS		OF	OF	TIME	MAX	OF			*
-----			DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			*
*PREVIOUS QTR 10/85 THRU 12/85	530		1.6	.9	882.3	12.2	1.0			*
*CURRENT QTR 10/86 THRU 12/86	461		1.3	.7	633.3	7.1	1.1			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1714		1.3	.7	2295.9	14.0	1.0			*
*CURRENT YEAR 1/86 THRU 12/86	1790		1.3	.7	2388.7	25.9	1.1			*

MARSIELLES LOCK & DAM
 ILLINOIS
 F4 ROCK ISLAND
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT										
	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

* PREVIOUS QTR 10/85 THRU 12/85										
	UPBOUND	555	10	81 *	2767	77 *	686	94	4 *	3397 *
	DOWNBOUND	630	21	71 *	2697	49 *	716	88	10 *	2112 *
	TOTAL	1185	16	76 *	5464	63 *	1402	91	7 *	5509 *

* CURRENT QTR 10/86 THRU 12/86										
	UPBOUND	480	8	86 *	2687	79 *	618	86	7 *	3320 *
	DOWNBOUND	557	22	73 *	2530	46 *	656	73	19 *	1824 *
	TOTAL	1037	16	79 *	5217	63 *	1274	79	13 *	5144 *

* >>>> PERCENT CHANGE <<<<<<										
		-12%	-14%	-8% *	-4%	-4% *	9%	-20%	68% *	-6% *

* Y E A R T O D A T E										

* PREVIOUS YEAR 1/85 THRU 12/85										
	UPBOUND	2784	43	52 *	9262	74 *	2537	81	17 *	10769 *
	DOWNBOUND	2955	46	49 *	9348	52 *	2625	79	19 *	7788 *
	TOTAL	5739	44	50 *	18610	63 *	5162	80	18 *	18557 *

* CURRENT YEAR 1/86 THRU 12/86										
	UPBOUND	2959	43	52 *	10203	78 *	2713	79	18 *	12656 *
	DOWNBOUND	3139	46	50 *	10117	47 *	2815	76	21 *	7554 *
	TOTAL	6098	44	51 *	20320	63 *	5528	77	19 *	20210 *

* >>>> PERCENT CHANGE <<<<<<										
		6%	5%	8% *	9%	9% *	7%	3%	16% *	8% *

* (ALL TIMES EXPRESSED IN HOURS)										
	DELATED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL	TOWS	TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	

		648	3.4	2.4		2219.3	26.7		1.3	
		476	2.0	1.1		982.5	11.0		1.3	

* Y E A R T O D A T E										

		1926	2.8	1.8		5449.5	26.9		1.8	
		2033	2.4	1.6		5054.8	24.9		1.2	

STARVED ROCK LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	541	9	83	* 3021	71	* 708	93	3	* 3443	*
* DOWNBOUND	618	22	70	* 2913	54	* 739	87	10	* 2486	*
* TOTAL	1159	16	76	* 5934	63	* 1447	89	6	* 5929	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	492	10	85	* 2900	75	* 631	91	7	* 3380	*
* DOWNBOUND	581	24	71	* 2739	51	* 681	77	20	* 2169	*
* TOTAL	1073	18	78	* 5639	63	* 1312	84	14	* 5549	*

*>>>> PERCENT CHANGE <<<<<<	-7%	1%	-5%	* -4%	-4%	* -9%	-14%	90%	* -6%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2886	44	51	* 10067	68	* 2622	82	15	* 10875	*
* DOWNBOUND	3022	47	49	* 10152	57	* 2769	79	19	* 9101	*
* TOTAL	5908	45	50	* 20219	63	* 5391	80	17	* 19976	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2999	43	52	* 10872	74	* 2811	80	18	* 12729	*
* DOWNBOUND	3116	45	51	* 10829	52	* 2919	77	21	* 8768	*
* TOTAL	6115	44	51	* 21701	63	* 5730	78	19	* 21497	*

*>>>> PERCENT CHANGE <<<<<<	3%	1%	6%	* 7%	8%	* 6%	3%	20%	* 7%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	522		2.7	1.5		1419.5	27.3	1.9		*
*CURRENT QTR 10/86 THRU 12/86	388		1.4	.6		563.5	8.9	.7		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1564		2.4	1.2		3801.8	44.9	3.7		*
*CURRENT YEAR 1/86 THRU 12/86	1637		1.7	.9		2856.9	24.0	1.5		*

PEORIA LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

PAGE 68

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	561	3	87 *	4074	63	636	42	1	4035	*
* DOWNBOUND	642	16	78 *	3921	64	678	42	7	3732	*
* TOTAL	1203	10	82 *	7995	63	1314	42	4	7767	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	514	0	92 *	4056	68	575	1	0	4235	*
* DOWNBOUND	529	2	90 *	3739	61	587	0	1	3335	*
* TOTAL	1043	1	91 *	7795	64	1162	1	0	7570	*

*>>>> PERCENT CHANGE <<<<<<	-13%	-90%	-4% *	-2%	-1%	-11%	-97%	-86%	-2%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2660	32	61 *	13578	60	2619	54	12	12907	*
* DOWNBOUND	2860	36	60 *	13711	67	2779	53	16	13698	*
* TOTAL	5520	34	60 *	27289	64	5398	53	14	26605	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2161	14	79 *	14686	66	2391	39	6	15280	*
* DOWNBOUND	2317	18	77 *	14591	62	2536	40	8	13481	*
* TOTAL	4478	16	78 *	29277	64	4927	40	7	28761	*

*>>>> PERCENT CHANGE <<<<<<	-18%	-61%	4% *	7%	8%	-8%	-31%	-55%	8%	*

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
-----		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSL	*
*PREVIOUS QTR 10/85 THRU 12/85	324		1.6		.5	526.2	9.8		1.8	*
*CURRENT QTR 10/86 THRU 12/86	141		4.2		.6	592.7	30.3		1.6	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	2091		1.4		.9	3050.3	24.0		2.2	*
*CURRENT YEAR 1/86 THRU 12/86	1048		3.1		.9	3262.2	43.0		1.6	*

LAGRANGE LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	491	1	93	* 4332	49	* 578	46	0	* 3428	*
* DOWNBOUND	609	22	76	* 4230	82	* 642	42	9	* 5076	*
* TOTAL	1100	13	84	* 8562	65	* 1220	44	5	* 8504	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	461	0	96	* 4383	54	* 513	1	0	* 3671	*
* DOWNBOUND	475	2	94	* 4047	78	* 513	7	0	* 4561	*
* TOTAL	936	1	95	* 8430	65	* 1026	4	0	* 8232	*
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<<	-14%	-93%	-3%	* -1%	-1%	* -15%	-92%	-93%	* -3%	*
-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2450	32	64	* 14244	47	* 2352	50	10	* 11000	*
* DOWNBOUND	2719	37	60	* 14464	83	* 2526	49	14	* 17539	*
* TOTAL	5169	35	62	* 28708	65	* 4878	50	12	* 28539	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1934	17	79	* 14811	55	* 2081	36	6	* 13043	*
* DOWNBOUND	2100	21	76	* 14706	79	* 2191	35	7	* 16966	*
* TOTAL	4034	19	78	* 29517	67	* 4272	35	7	* 30009	*
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<<	-21%	-57%	-2%	* 2%	5%	* -12%	-38%	-50%	* 5%	*

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
-----		DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*
*PREVIOUS QTR 10/85 THRU 12/85	421	1.2	.5			512.1	9.5	2.4		*
*CURRENT QTR 10/86 THRU 12/86	144	2.2	.3			325.1	13.0	3.2		*
-----										*
* Y E A R T O D A T E										*
-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	2175	1.4	.9			3211.5	94.8	12.6		*
*CURRENT YEAR 1/86 THRU 12/86	1133	1.6	.5			1829.2	24.0	2.8		*

LOCK & DAM 11
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	307	30	45	1278	61	371	83	15	1158
* DOWNBOUND	354	35	51	1781	90	412	80	17	2311
* TOTAL	661	33	49	3059	78	783	81	16	3469
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	204	22	61	1012	66	285	71	24	1021
* DOWNBOUND	237	24	68	1538	89	357	71	25	1962
* TOTAL	441	23	65	2550	80	642	71	24	2983
*>>>> PERCENT CHANGE <<<<<<	-33%	-53%	-11%	-16%	-14%	-18%	28%	22%	-14%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2873	71	24	7427	44	2266	59	39	4888
* DOWNBOUND	2897	71	25	7269	94	2238	58	40	9832
* TOTAL	5770	71	24	14696	69	4504	59	40	14720
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2869	74	22	6246	58	2134	55	43	5391
* DOWNBOUND	2879	73	23	6397	91	2181	54	43	8441
* TOTAL	5748	73	23	12643	75	4315	55	43	13832
*>>>> PERCENT CHANGE <<<<<<	-0%	3%	-7%	-13%	-6%	-4%	-10%	4%	-6%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	147	1.7	.8	262.0	11.5	2.4			
*CURRENT QTR 10/86 THRU 12/86	135	4.3	2.0	582.4	25.0	2.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	711	1.4	.6	1003.7	14.2	2.3			
*CURRENT YEAR 1/86 THRU 12/86	688	2.3	1.1	1586.1	65.5	7.3			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 12
 MISSISSIPPI RIVER
 F4 ROCK ISLAND
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85				*	*	*		*	*
* U P B O U N D	278	34	51	* 1383	63	* 342	81	16	* 1285
* D O W N B O U N D	315	38	58	* 1889	88	* 412	79	19	* 2385
* T O T A L	593	36	55	* 3272	78	* 754	80	18	* 3670
*CURRENT QTR 10/86 THRU 12/86				*	*	*		*	*
* U P B O U N D	216	22	68	* 1211	64	* 278	80	17	* 1154
* D O W N B O U N D	267	26	70	* 1829	91	* 383	74	23	* 2350
* T O T A L	483	24	69	* 3040	80	* 661	76	21	* 3504
*>>>> PERCENT CHANGE <<<<<<	-18%	-44%	2%	* -7%	-4%	* -12%	-16%	1%	* -4%
* Y E A R T O D A T E				*	*	*		*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*	*	*		*	*
* U P B O U N D	2614	69	28	* 8141	46	* 2246	61	37	* 5474
* D O W N B O U N D	2666	70	28	* 7929	93	* 2321	59	39	* 10579
* T O T A L	5280	69	28	* 16070	69	* 4567	60	38	* 16053
*CURRENT YEAR 1/86 THRU 12/86				*	*	*		*	*
* U P B O U N D	2636	70	27	* 7097	58	* 2192	58	41	* 6066
* D O W N B O U N D	2786	72	27	* 7259	91	* 2348	56	42	* 9462
* T O T A L	5422	71	27	* 14356	75	* 4540	57	41	* 15528
*>>>> PERCENT CHANGE <<<<<<	2%	5%	-1%	* -10%	-3%	* -0%	-5%	7%	* -3%

*(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	135	1.6	.6	228.7	9.5	4.0
*CURRENT QTR 10/86 THRU 12/86	141	1.5	.6	219.0	10.0	2.2
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	658	1.4	.6	934.8	25.0	3.3
*CURRENT YEAR 1/86 THRU 12/86	680	1.7	.8	1181.6	106.0	4.7

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 13
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	335	44	42	1381	63	337	83	15	1283
DOWNBOUND	380	48	48	1880	88	403	81	17	2363
TOTAL	715	46	46	3261	78	740	82	16	3646
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	200	17	73	1193	65	263	90	9	1157
DOWNBOUND	265	26	70	1837	91	367	82	16	2365
TOTAL	465	22	71	3030	80	630	85	13	3522
*>>>> PERCENT CHANGE <<<<<<	-34%	-68%	1%	-7%	-4%	-14%	-11%	-30%	-3%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	2864	71	25	8149	46	2174	64	35	5493
DOWNBOUND	2842	71	26	7921	93	2149	63	35	10556
TOTAL	5706	71	26	16070	69	4323	63	35	16049
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	2906	73	24	7106	58	2012	64	34	6095
DOWNBOUND	2967	73	25	7294	91	2122	63	35	9484
TOTAL	5873	73	25	14400	75	4134	64	35	15579
*>>>> PERCENT CHANGE <<<<<<	2%	5%	-0%	-10%	-3%	-4%	-4%	-4%	-2%

(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	131	2.2	.8	293.3	27.4	4.9
*CURRENT QTR 10/86 THRU 12/86	125	1.1	.4	149.5	4.8	1.1
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	613	1.4	.6	917.1	27.4	4.2
*CURRENT YEAR 1/86 THRU 12/86	605	1.0	.4	661.7	16.4	3.7

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 14
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	376	31	57	* 1789	59	* 426	86	12	* 1544	*	
* DOWNBOUND	416	34	61	* 2297	90	* 495	86	12	* 2859	*	
* TOTAL	792	33	59	* 4086	76	* 921	86	12	* 4403	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	308	10	74	* 1706	58	* 398	89	9	* 1460	*	
* DOWNBOUND	380	17	78	* 2617	91	* 546	83	14	* 3302	*	
* TOTAL	688	14	76	* 4323	78	* 944	86	12	* 4762	*	

*>>>> PERCENT CHANGE <<<<<<	-13%	-62%	11%	* 5%	7%	* 2%	2%	4%	* 8%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2206	49	47	* 10001	45	* 2314	78	20	* 6634	*	
* DOWNBOUND	2161	48	48	* 9719	93	* 2308	77	21	* 12414	*	
* TOTAL	4367	48	47	* 19720	68	* 4622	77	21	* 19048	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1869	43	51	* 9027	54	* 2072	70	19	* 7173	*	
* DOWNBOUND	1955	45	52	* 9324	91	* 2192	78	20	* 11808	*	
* TOTAL	3824	44	52	* 18351	73	* 4264	79	19	* 18981	*	

*>>>> PERCENT CHANGE <<<<<<	-12%	-19%	-4%	* -6%	-0%	* -7%	-5%	-13%	* -0%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF		*	
*-----		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED		VSL	
*-----										*	
*PREVIOUS QTR 10/85 THRU 12/85	194		1.5		.6	304.6	24.0			1.7	
*CURRENT QTR 10/86 THRU 12/86	295		5.1		2.8	1512.8	630.6			115.5	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85	973		1.5		.7	1500.9	25.1			2.0	
*CURRENT YEAR 1/86 THRU 12/86	1049		2.7		1.4	2924.2	630.6			36.9	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 14 AUXILIARY 1
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK *								
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK *								
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	3679	100	0	0	0	856	0	99	0
* D O W N B O U N D	3709	99	0	0	0	852	0	99	0
* T O T A L	7388	99	0	0	0	1708	0	99	0
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	3133	99	0	2	0	821	0	99	0
* D O W N B O U N D	3133	100	0	0	0	817	0	100	0
* T O T A L	6266	99	0	2	0	1638	0	99	0
*>>>> PERCENT CHANGE <<<<<<	-15%	-15%	0%	0%	0%	-4%	-77%	-3%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.0	.0			
*CURRENT YEAR 1/86 THRU 12/86	0	2.7	.0	.0	.0	.0			
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR OCT NOV DEC									
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR OCT NOV DEC									

LOCK & DAM 15
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85			*			*		*		*
* UPBOUND	270	2	79 *	1771	64	385	96	1 *	1655	*
* DOWNBOUND	306	5	84 *	2287	87	466	95	3 *	2833	*
* TOTAL	576	3	82 *	4058	77	851	96	2 *	4488	*
*CURRENT QTR 10/86 THRU 12/86			*			*		*		*
* UPBOUND	293	6	77 *	1701	62	399	93	5 *	1619	*
* DOWNBOUND	369	11	81 *	2605	88	538	89	9 *	3272	*
* TOTAL	662	9	79 *	4306	78	937	91	7 *	4891	*

*>>>> PERCENT CHANGE <<<<<<	14%	169%	11% *	6%	7% *	10%	4%	268% *	8%	*

* Y E A R T O D A T E			*			*		*		*
.....			*			*		*		*
*PREVIOUS YEAR 1/85 THRU 12/85			*			*		*		*
* UPBOUND	1222	7	82 *	9726	49	1853	96	2 *	7044	*
* DOWNBOUND	1227	8	81 *	9403	91	1815	96	2 *	12142	*
* TOTAL	2449	8	82 *	19129	69	3668	96	2 *	19186	*
*CURRENT YEAR 1/86 THRU 12/86			*			*		*		*
* UPBOUND	1361	13	76 *	8932	58	1897	92	6 *	7667	*
* DOWNBOUND	1401	14	77 *	9185	89	1962	92	6 *	11688	*
* TOTAL	2762	14	76 *	18117	74	3859	92	6 *	19355	*

*>>>> PERCENT CHANGE <<<<<<	12%	94%	5% *	-5%	0% *	5%	1%	168% *	0%	*

*(ALL TIMES EXPRESSED IN HOURS)				AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
.....	DELAYED			OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs		

*PREVIOUS QTR 10/85 THRU 12/85	209		1.7	.7		365.6	10.9	1.1		*
*CURRENT QTR 10/86 THRU 12/86	273		2.6	1.3		725.3	25.0	1.1		*

* Y E A R T O D A T E										*
.....										*
*PREVIOUS YEAR 1/85 THRU 12/85	945		1.8	.8		1775.3	12.4	1.1		*
*CURRENT YEAR 1/86 THRU 12/86	948		1.7	.7		1696.9	25.0	1.1		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 15 AUXILIARY 1
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85				*	*	*			*
* UPBOUND	159	61	21	44	61	122	50	50	46
* DOWNBOUND	201	75	14	47	8	146	33	65	5
* TOTAL	360	68	17	91	34	268	41	58	51
*CURRENT QTR 10/86 THRU 12/86				*	*	*			*
* UPBOUND	92	28	42	50	44	88	56	37	31
* DOWNBOUND	123	55	23	41	36	105	30	66	20
* TOTAL	215	43	31	91	40	193	42	53	51
*>>>> PERCENT CHANGE <<<<<	-40%	-62%	6%	0%	19%	-27%	-25%	-34%	0%
* Y E A R T O D A T E				*	*	*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*	*	*			*
* UPBOUND	3309	93	3	176	49	1402	17	82	111
* DOWNBOUND	3296	92	4	194	17	1466	16	82	42
* TOTAL	6605	93	3	370	32	2868	16	82	153
*CURRENT YEAR 1/86 THRU 12/86				*	*	*			*
* UPBOUND	3150	91	5	200	49	1409	18	80	148
* DOWNBOUND	3215	92	4	176	23	1401	17	82	57
* TOTAL	6365	91	4	376	37	2810	17	81	205
*>>>> PERCENT CHANGE <<<<<	-3%	-4%	16%	1%	16%	-2%	5%	-3%	33%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	6	.2	.0	1.5	.5	.7			
*CURRENT QTR 10/86 THRU 12/86	3	.3	.0	.9	.4	.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	48	.1	.0	8.7	1.3	.8			
*CURRENT YEAR 1/86 THRU 12/86	33	.5	.0	18.7	12.4	1.7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 16
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	339	9	67 *	1924	63	450	92	5 *	1824	*
* DOWNBOUND	384	16	75 *	2474	86	532	88	9 *	2998	*
* TOTAL	723	13	71 *	4398	76	982	90	7 *	4822	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	321	4	77 *	1932	57	427	93	4 *	1700	*
* DOWNBOUND	381	9	85 *	2969	89	572	92	5 *	3723	*
* TOTAL	702	7	81 *	4901	76	999	92	5 *	5423	*

*>>>> PERCENT CHANGE <<<<<<	-2%	-46%	10% *	11%	12%	1%	4%	-31% *	12%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2044	38	53 *	10613	48	2421	79	18 *	7640	*
* DOWNBOUND	2180	43	51 *	10282	89	2448	77	20 *	13068	*
* TOTAL	4224	41	52 *	20895	68	4869	78	19 *	20708	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2013	37	55 *	10037	56	2347	79	18 *	8342	*
* DOWNBOUND	2236	42	53 *	10369	88	2486	78	20 *	13034	*
* TOTAL	4249	39	54 *	20406	72	4833	79	19 *	21376	*

*>>>> PERCENT CHANGE <<<<<<	0%	-1%	4% *	-2%	3%	-0%	0%	-1% *	3%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	269	2.9	1.5	783.2	48.3	2.6				
*CURRENT QTR 10/86 THRU 12/86	376	5.6	3.7	2125.3	330.4	24.9				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	1192	1.7	.9	2061.9	48.3	2.6				
*CURRENT YEAR 1/86 THRU 12/86	1338	3.8	2.2	5115.7	330.4	26.0				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 17
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	270	7	78	2024	64	397	93	4	1928
* DOWNBOUND	320	16	79	2570	85	496	88	9	3080
* TOTAL	590	12	78	4594	76	893	91	6	5008
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	282	2	83	2070	58	405	94	1	1845
* DOWNBOUND	352	9	87	3157	89	576	90	7	3973
* TOTAL	634	6	85	5227	77	981	92	4	5818
*>>>> PERCENT CHANGE <<<<<<	7%	-42%	16%	13%	15%	9%	11%	-20%	16%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1628	32	63	11206	50	2198	83	14	8383
* DOWNBOUND	1716	37	60	10736	88	2200	81	16	13428
* TOTAL	3344	34	61	21942	69	4398	82	15	21811
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1502	28	66	10495	57	2053	84	13	8940
* DOWNBOUND	1660	34	63	10852	89	2203	82	15	13664
* TOTAL	3162	31	64	21347	73	4256	83	14	22604
*>>>> PERCENT CHANGE <<<<<<	-5%	-14%	-0%	-2%	3%	-3%	-2%	-10%	3%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	218	2.3	1.0	502.0	30.5	4.1			
*CURRENT QTR 10/86 THRU 12/86	344	6.6	4.2	2301.1	326.5	26.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1149	4.6	2.5	5290.6	92.2	6.2			
*CURRENT YEAR 1/86 THRU 12/86	1192	4.7	2.7	5647.2	326.5	20.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 18
 MISSISSIPPI RIVER
 F4 ROCK ISLAND
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	*	LCKGES	LCKGES	LCKGES *	TONNAGE *	
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	*	TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85						*					
* UPBOUND	305	13	68 *	1971	63	*	431	90	7 *	1851	*
* DOWNBOUND	357	20	74 *	2648	85	*	541	86	11 *	3204	*
* TOTAL	662	17	71 *	4619	76	*	972	88	9 *	5055	*
*CURRENT QTR 10/86 THRU 12/86						*					
* UPBOUND	288	2	80 *	2098	57	*	415	95	1 *	1817	*
* DOWNBOUND	371	11	85 *	3309	90	*	595	90	7 *	4192	*
* TOTAL	659	7	83 *	5407	77	*	1010	92	4 *	6009	*

*>>>> PERCENT CHANGE <<<<<<	-0%	-55%	15% *	17%	18%	*	3%	8%	-50% *	18%	*

* Y E A R T O D A T E						*					*

*PREVIOUS YEAR 1/85 THRU 12/85						*					*
* UPBOUND	2006	43	51 *	11437	49	*	2409	77	20 *	8382	*
* DOWNBOUND	2059	46	50 *	11014	89	*	2418	76	22 *	13911	*
* TOTAL	4065	45	50 *	22451	69	*	4827	77	21 *	22293	*
*CURRENT YEAR 1/86 THRU 12/86						*					*
* UPBOUND	1980	45	50 *	10808	56	*	2310	76	22 *	8945	*
* DOWNBOUND	2094	47	50 *	11181	89	*	2420	76	21 *	14169	*
* TOTAL	4074	46	50 *	21989	73	*	4730	76	21 *	23114	*

*>>>> PERCENT CHANGE <<<<<<	0%	3%	-0% *	-2%	3%	*	-2%	-2%	-0% *	3%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
-----	DELAYED		OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				*

*PREVIOUS QTR 10/85 THRU 12/85	238		1.8	.9	451.4	22.3	2.0				*
*CURRENT QTR 10/86 THRU 12/86	363		1.9	1.2	698.7	7.8	1.8				*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	1139		1.6	.8	1860.4	22.3	1.7				*
*CURRENT YEAR 1/86 THRU 12/86	1212		2.1	1.2	2662.1	34.1	2.4				*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 19
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	279	4	75	2090	62	260	93	3	1944
* DOWNBOUND	349	17	77	2796	87	331	86	11	3440
* TOTAL	628	11	76	4886	76	591	89	8	5384
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	308	2	80	2367	52	288	93	3	1907
* DOWNBOUND	398	12	83	3642	91	378	83	13	4690
* TOTAL	706	7	82	6009	76	666	87	9	6597
*>>>> PERCENT CHANGE <<<<<<	12%	-24%	21%	22%	21%	12%	10%	29%	22%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1689	32	60	12040	47	1396	79	18	8400
* DOWNBOUND	1765	35	59	11587	90	1417	76	21	14842
* TOTAL	3454	33	60	23627	68	2813	78	19	23242
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1595	28	64	11597	51	1374	79	18	8879
* DOWNBOUND	1725	32	62	11958	91	1468	74	23	15410
* TOTAL	3320	30	63	23555	71	2842	76	21	24289
*>>>> PERCENT CHANGE <<<<<<	-3%	-13%	1%	-0%	4%	1%	0%	6%	4%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	202	9.0	3.8	1822.1	139.8	33.7			
*CURRENT QTR 10/86 THRU 12/86	285	1.1	.5	340.0	8.0	2.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	839	2.8	1.1	2421.8	139.8	16.3			
*CURRENT YEAR 1/86 THRU 12/86	893	1.0	.4	916.8	24.5	1.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 20
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	360	3	62	* 2194	60	* 478	96	1	* 1958	*
* DOWNBOUND	429	14	66	* 2884	88	* 591	91	6	* 3577	*
* TOTAL	789	9	64	* 5078	76	* 1069	93	4	* 5535	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	380	1	72	* 2541	50	* 508	98	0	* 1942	*
* DOWNBOUND	469	10	78	* 3797	92	* 701	91	7	* 4907	*
* TOTAL	849	6	75	* 6338	75	* 1209	94	4	* 6849	*

*>>>> PERCENT CHANGE <<<<<	7%	-28%	25%	* 24%	23%	* 13%	13%	31%	* 23%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1801	25	59	* 12299	46	* 2360	87	10	* 8414	*
* DOWNBOUND	1832	28	60	* 11821	91	* 2351	86	11	* 15249	*
* TOTAL	3633	27	60	* 24120	68	* 4711	87	11	* 23663	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1686	24	63	* 11901	50	* 2231	88	10	* 8920	*
* DOWNBOUND	1805	28	62	* 12334	91	* 2408	85	13	* 15934	*
* TOTAL	3491	26	63	* 24235	71	* 4639	87	11	* 24854	*

*>>>> PERCENT CHANGE <<<<<	-3%	-6%	0%	* 0%	4%	* -1%	-1%	3%	* 5%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
-----	DELAYED	OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VLSL				*

*PREVIOUS QTR 10/85 THRU 12/85	268	4.5	2.3	1207.4	58.6	5.6				*
*CURRENT QTR 10/86 THRU 12/86	387	2.8	1.7	1111.2	25.1	2.4				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1064	2.3	1.1	2470.8	58.6	4.7				*
*CURRENT YEA- 1/86 THRU 12/86	1124	2.8	1.4	3157.0	87.6	3.4				*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 21
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

PAGE 82

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	341	6	72	2418	55	479	96	3	1998
* DOWNBOUND	410	16	76	3104	88	609	91	7	3868
* TOTAL	751	11	74	5522	74	1088	93	5	5866
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	371	0	81	2879	45	531	98	0	1984
* DOWNBOUND	463	8	84	4113	91	731	93	5	5295
* TOTAL	834	4	83	6992	72	1262	95	3	7279
*>>>> PERCENT CHANGE <<<<<<	11%	-55%	24%	26%	23%	15%	18%	31%	24%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1874	32	59	12697	44	2386	86	12	8343
* DOWNBOUND	1884	33	60	12241	93	2423	85	13	16074
* TOTAL	3758	32	60	24938	68	4809	85	13	24417
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1807	26	64	12669	47	2402	88	10	8963
* DOWNBOUND	1915	29	64	13057	92	2586	87	11	17075
* TOTAL	3722	28	64	25726	70	4988	88	11	26038
*>>>> PERCENT CHANGE <<<<<<	-0%	-15%	6%	3%	6%	3%	6%	13%	6%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S			
*PREVIOUS QTR 10/85 THRU 12/85	275	1.6	.8	464.2	17.7	2.7			
*CURRENT QTR 10/86 THRU 12/86	415	3.5	2.1	1491.7	166.6	18.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1137	1.6	.8	1827.6	82.2	3.6			
*CURRENT YEAR 1/86 THRU 12/86	1325	3.4	1.8	4558.3	166.6	7.0			

LOCK & DAM 22
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	344	9	75	2496	55	478	96	3	2035
* DOWNBOUND	438	23	72	3193	90	612	91	8	4100
* TOTAL	782	17	73	5689	75	1090	93	5	6135
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	368	2	83	2948	44	527	97	1	1999
* DOWNBOUND	458	11	85	4253	92	728	92	7	5531
* TOTAL	826	7	84	7201	72	1255	94	4	7530
*>>>> PERCENT CHANGE <<<<<<	5%	-51%	20%	26%	22%	15%	16%	-7%	22%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1914	34	60	12979	43	2351	87	11	8389
* DOWNBOUND	1961	36	60	12506	94	2407	86	12	16685
* TOTAL	3875	35	60	25485	68	4758	86	12	25074
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1836	26	66	13053	46	2414	89	9	9078
* DOWNBOUND	1929	29	67	13395	93	2578	88	10	17791
* TOTAL	3765	28	67	26448	70	4992	89	10	26869
*>>>> PERCENT CHANGE <<<<<<	-2%	23%	8%	3%	6%	4%	7%	-13%	7%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	370	2.9	1.9	1108.6	38.5	4.1			
*CURRENT QTR 10/86 THRU 12/86	546	9.5	7.4	5194.0	51.8	5.4			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1436	2.4	1.5	3553.1	38.5	3.9			
*CURRENT YEAR 1/86 THRU 12/86	1712	5.6	3.8	9747.9	91.6	5.8			

LOCK & DAM 1 MAIN CHBR 1
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

PAGE 84

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	279	41	49	239	63	229	68	28	209
* DOWNBOUND	288	46	50	253	41	227	67	28	144
* TOTAL	567	44	49	492	52	456	67	28	353
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	170	28	58	194	81	149	81	18	182
* DOWNBOUND	230	33	60	258	23	192	79	19	85
* TOTAL	400	31	60	452	48	341	80	19	267
*>>>> PERCENT CHANGE <<<<<<	-29%	-49%	-15%	-8%	-14%	-25%	-11%	49%	24%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3101	76	20	1127	54	1814	40	58	850
* DOWNBOUND	3164	77	20	1124	50	1781	41	57	827
* TOTAL	6265	76	20	2251	52	3595	40	58	1677
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2949	72	24	1267	67	1696	52	46	976
* DOWNBOUND	3253	72	24	1365	34	1813	54	44	671
* TOTAL	6202	72	24	2632	50	3509	53	45	1647
*>>>> PERCENT CHANGE <<<<<<	-1%	-6%	17%	16%	11%	-2%	28%	-23%	1%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	21	.4	.0	8.6	1.1	.0			
*CURRENT QTR 10/86 THRU 12/86	8	1.9	.0	15.7	9.0	1.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	139	.2	.0	41.1	2.0	1.2			
*CURRENT YEAR 1/86 THRU 12/86	166	.4	.0	69.0	9.0	.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 1 MAIN CHBR 2
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----*-----*-----* TOTAL  LOADED * TOTAL  COMMER  RECRTN *  KTONS *
* F O U R T H   Q U A R T E R      (%)   (%) *      (%) *      (%)   (%) *      (%)   (%) *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<      0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT YEAR 1/86 THRU 12/86      * * * * *
*          U P B O U N D              28   32   60 *   32  37 *   27   66   33 *   15 *
*          D O W N B O U N D          38   28   60 *   44  56 *   37   78   18 *   33 *
*          T O T A L                  66   30   60 *   76  48 *   64   73   25 *   48 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<      0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*          D E L A Y E D      A V G   A V G   T O T A L   D E L A Y   A V G   S T A L L
*          T O W S           O F   O F   T I M E           M A X           O F
*          T O W S           D E L A Y E D   T O W S   A L L   T O W S   ( T O W S )   ( A L L   V S L )   S T A L L E D   V S L S
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT YEAR 1/86 THRU 12/86      1           .6           .0           .6           .6           .0 *
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NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR MAY JUN JUL OCT NOV DEC

LOCK & DAM 2
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R	TOTAL	RECR TN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECR TN	* KTONS
		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	388	47	46	* 1375	36	* 382	72	26	* 749
* DOWNBOUND	359	42	56	* 1696	95	* 407	78	20	* 2361
* TOTAL	747	45	51	* 3071	69	* 789	75	23	* 3110
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	287	53	42	* 817	46	* 278	65	32	* 555
* DOWNBOUND	295	50	47	* 1084	92	* 320	69	30	* 1460
* TOTAL	582	51	45	* 1901	72	* 598	67	31	* 2015
*>>>> PERCENT CHANGE <<<<<	-22%	-10%	-31%	* -38%	-34%	* -24%	-32%	0%	* -35%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	4812	79	17	* 7439	24	* 2573	52	46	* 2693
* DOWNBOUND	4888	80	17	* 7360	97	* 2607	52	47	* 10332
* TOTAL	9700	79	17	* 14799	60	* 5180	52	47	* 13025
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	5083	84	14	* 6010	35	* 2612	53	45	* 3129
* DOWNBOUND	5062	84	14	* 5997	94	* 2663	52	46	* 8283
* TOTAL	10145	84	14	* 12007	65	* 5275	53	46	* 11412
*>>>> PERCENT CHANGE <<<<<	4%	10%	-11%	* -18%	-13%	* 1%	3%	-0%	* -12%
*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	DELAYED	OF	OF	TIME	MAX	OF			
	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL'S			
*PREVIOUS QTR 10/85 THRU 12/85	157	1.5	.6	238.6	12.2	.0			
*CURRENT QTR 10/86 THRU 12/86	94	1.2	.4	115.3	5.9	1.2			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	790	1.1	.5	921.3	12.2	.0			
*CURRENT YEAR 1/86 THRU 12/86	722	1.5	.7	1085.6	11.2	4.4			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB DEC

LOCK & DAM 2 AUXILIARY 1
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

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* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
* ..... TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R          (%) (%) * (%) * (%) (%) *
* .....
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK *
* .....
*>>>> PERCENT CHANGE <<<<<<          0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
* .....
* Y E A R   T O   D A T E
* .....
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK *
*CURRENT YEAR 1/86 THRU 12/86 NO DATA FOR THIS LOCK *
* .....
*>>>> PERCENT CHANGE <<<<<<          0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*****
*(ALL TIMES EXPRESSED IN HOURS)          AVG DELAY   AVG DELAY   TOTAL DELAY  DELAY   AVG STALL
* ..... DELAYED   OF           OF           TIME         MAX     OF
* F O U R T H   Q U A R T E R          TOWS  DELAYED TOWS  ALL TOWS     (TOWS)  (ALL VSL) STALLED VSLS *
* .....
* Y E A R   T O   D A T E
* .....
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985  JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986  JAN FEB DEC
  
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LOCK & DAM 3
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	390	57	34	1111	45	369	63	33	747
* DOWNBOUND	448	63	35	1451	95	404	67	30	2036
* TOTAL	838	60	34	2562	73	773	65	32	2783
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	297	57	38	797	47	283	61	35	557
* DOWNBOUND	320	56	42	1075	92	347	61	35	1448
* TOTAL	617	56	40	1872	73	630	61	35	2005
*>>>> PERCENT CHANGE <<<<<<	-26%	-31%	-14%	-26%	-27%	-18%	-23%	-10%	-27%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	6213	88	10	6401	28	2901	40	58	2691
* DOWNBOUND	6504	88	10	6342	96	2966	40	58	8975
* TOTAL	12717	88	10	12743	62	5867	40	58	11666
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	7207	89	9	5714	37	2913	45	53	3127
* DOWNBOUND	6921	89	10	5762	94	3013	45	53	7945
* TOTAL	14128	89	9	11476	65	5926	45	53	11072
*>>>> PERCENT CHANGE <<<<<<	11%	12%	1%	-9%	-5%	1%	13%	-8%	-5%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	112	1.0	.3	113.1	5.4	.9			
*CURRENT QTR 10/86 THRU 12/86	79	.9	.2	74.6	4.7	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	625	.8	.4	552.0	10.6	1.2			
*CURRENT YEAR 1/86 THRU 12/86	658	1.1	.5	727.4	18.0	2.8			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 4
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	254	33	51	* 1144	45	* 309	77	19	* 758	*	
* DOWNBOUND	293	37	60	* 1507	96	* 363	79	18	* 2132	*	
* TOTAL	547	35	56	* 2651	74	* 672	78	18	* 2890	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	176	29	66	* 864	45	* 238	75	19	* 572	*	
* DOWNBOUND	213	35	63	* 1158	93	* 297	75	21	* 1574	*	
* TOTAL	389	32	64	* 2022	72	* 535	75	20	* 2146	*	

*>>>> PERCENT CHANGE <<<<<<	-28%	-35%	-18%	* -23%	-25%	* -20%	-23%	-14%	* -25%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	4481	84	14	* 6612	28	* 2684	43	51	* 2738	*	
* DOWNBOUND	4858	79	14	* 6571	97	* 2680	44	50	* 9332	*	
* TOTAL	9339	81	14	* 13183	62	* 5364	44	51	* 12070	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	4823	85	14	* 6042	36	* 2611	50	47	* 3241	*	
* DOWNBOUND	4904	85	13	* 6056	95	* 2717	49	48	* 8387	*	
* TOTAL	9727	85	14	* 12098	65	* 5328	50	48	* 11628	*	

*>>>> PERCENT CHANGE <<<<<<	4%	9%	-0%	* -8%	-3%	* -0%	12%	-6%	* -3%	*	

* (ALL TIMES EXPRESSED IN HOURS)										*	
-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*	
-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*	
*PREVIOUS QTR 10/85 THRU 12/85	115		1.6	.6		191.9	15.8	3.2		*	
*CURRENT QTR 10/86 THRU 12/86	74		.9	.2		72.2	4.2	.0		*	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85	638		1.0	.5		693.4	15.8	1.3		*	
*CURRENT YEAR 1/86 THRU 12/86	612		1.0	.4		634.9	7.0	.0		*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 5
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	211	27	62	1119	46	292	77	16	769
DOWNBOUND	238	34	63	1452	96	339	77	16	2042
TOTAL	449	30	63	2571	74	631	77	16	2811
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	162	23	71	859	44	229	77	15	563
DOWNBOUND	199	31	66	1144	93	287	76	17	1559
TOTAL	361	27	68	2003	72	516	76	16	2122
*>>>> PERCENT CHANGE <<<<<<	-19%	-27%	-12%	-22%	-24%	-18%	-18%	-15%	-24%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	3450	79	19	6510	30	2301	50	46	2849
DOWNBOUND	3495	80	19	6433	97	2277	51	45	9096
TOTAL	6945	79	19	12943	63	4578	50	45	11945
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	3869	81	17	5888	38	2411	52	44	3298
DOWNBOUND	4010	82	17	6113	94	2488	53	44	8462
TOTAL	7879	81	17	12001	66	4899	53	44	11760
*>>>> PERCENT CHANGE <<<<<<	13%	16%	2%	-7%	2%	7%	12%	3%	-1%

(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	101	1.0	.3	108.1	4.9	.0
*CURRENT QTR 10/86 THRU 12/86	74	.9	.2	67.4	4.4	2.7
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	554	.9	.3	509.2	11.5	.0
*CURRENT YEAR 1/86 THRU 12/86	606	.9	.4	574.0	11.8	2.5

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 6
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	225	31	59	1246	48	298	81	14	881
DOWNBOUND	242	35	64	1546	95	340	79	17	2160
TOTAL	467	33	61	2792	74	638	80	16	3041
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	204	31	59	993	46	270	76	19	676
DOWNBOUND	228	32	65	1324	93	318	77	18	1791
TOTAL	432	31	62	2317	73	588	77	19	2467
*>>>> PERCENT CHANGE <<<<<<	-7%	-11%	-6%	-17%	-18%	-7%	-11%	8%	-18%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	3762	81	17	6903	31	2542	47	50	3200
DOWNBOUND	3726	81	18	6814	96	2641	45	52	9623
TOTAL	7488	81	18	13717	64	5183	46	51	12823
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	4841	84	14	6347	40	2806	49	48	3764
DOWNBOUND	4974	83	14	6503	94	2910	49	49	8995
TOTAL	9815	83	14	12850	67	5716	49	49	12759
*>>>> PERCENT CHANGE <<<<<<	31%	35%	5%	-6%	-0%	10%	17%	5%	-0%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	
	TOWS	OF	OF	OF	OF	TIME	MAX	OF	
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs
*PREVIOUS QTR 10/85 THRU 12/85	110		1.9		.7	215.3	19.0		4.9
*CURRENT QTR 10/86 THRU 12/86	98		2.6		.9	264.4	15.5		.0
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	618		1.1		.5	681.4	19.0		3.3
*CURRENT YEAR 1/86 THRU 12/86	645		1.1		.5	754.5	15.5		1.3

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 7
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	301	38	44	1261	49	359	75	21	902
* DOWNBOUND	321	43	51	1537	95	378	74	23	2135
* TOTAL	622	41	48	2798	74	737	74	22	3037
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	221	32	56	992	46	287	75	20	685
* DOWNBOUND	269	39	54	1304	93	335	74	23	1757
* TOTAL	490	36	55	2296	73	622	74	22	2442
*>>>> PERCENT CHANGE <<<<<<	-21%	-30%	-9%	-17%	-19%	-15%	-15%	-16%	-19%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	5535	86	12	6929	31	3009	42	55	3203
* DOWNBOUND	5451	86	12	6796	96	3005	41	57	9607
* TOTAL	10986	86	12	13725	63	6014	41	56	12810
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	6544	87	10	6324	40	3261	45	53	3724
* DOWNBOUND	6681	86	10	6534	94	3311	45	53	9032
* TOTAL	13225	86	10	12858	67	6572	45	53	12756
*>>>> PERCENT CHANGE <<<<<<	20%	21%	4%	-6%	-0%	9%	19%	3%	-0%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	109	2.5		.9		282.2	20.6	2.7	
*CURRENT QTR 10/86 THRU 12/86	121	3.8		1.7		469.0	23.5	.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	645	1.2		.5		785.2	20.6	2.2	
*CURRENT YEAR 1/86 THRU 12/86	731	1.4		.7		1071.3	23.5	4.5	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 8
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	208	23	66	1273	52	289	82	15	987
* DOWNBOUND	229	31	68	1548	93	336	78	18	2025
* TOTAL	437	27	67	2821	75	625	80	16	3072
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	170	16	75	1036	48	237	88	8	764
* DOWNBOUND	224	28	68	1421	90	306	83	14	1847
* TOTAL	394	23	71	2457	73	543	86	11	2611
*>>>> PERCENT CHANGE <<<<<<	-9%	-24%	-3%	-12%	-15%	-13%	-7%	-39%	-15%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2876	75	23	7075	34	2263	51	46	3619
* DOWNBOUND	2931	76	22	6865	96	2260	51	46	9542
* TOTAL	5807	75	23	13940	65	4523	51	46	13161
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3353	77	21	6570	42	2403	55	43	4194
* DOWNBOUND	3523	78	20	6791	93	2509	55	43	9142
* TOTAL	6876	77	21	13361	68	4912	55	43	13336
*>>>> PERCENT CHANGE <<<<<<	18%	21%	7%	-4%	0%	8%	16%	2%	1%

*(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	123	1.5	.6	194.9	12.7	1.0
*CURRENT QTR 10/86 THRU 12/86	120	6.8	2.8	817.7	34.3	1.7
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	591	1.0	.4	641.5	12.7	1.0
*CURRENT YEAR 1/86 THRU 12/86	687	2.1	1.0	1491.8	34.3	1.9

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 9
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	232	33	57	1204	61	288	78	19	1082
* DOWNBOUND	258	37	62	1618	90	360	77	20	2122
* TOTAL	490	35	60	2822	77	648	77	20	3204
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	165	15	74	976	66	230	88	8	965
* DOWNBOUND	211	23	73	1428	87	301	85	13	1799
* TOTAL	376	20	73	2404	78	531	86	11	2764
*>>>> PERCENT CHANGE <<<<<<	-23%	-56%	-5%	-14%	-13%	-18%	-8%	-53%	-13%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3053	77	21	6976	44	2188	52	46	4514
* DOWNBOUND	2983	77	21	6779	94	2209	51	46	9287
* TOTAL	6036	77	21	13755	68	4397	52	46	13801
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3293	77	21	6552	58	2329	55	43	5615
* DOWNBOUND	3355	77	21	6794	89	2411	55	43	8805
* TOTAL	6648	77	21	13346	74	4740	55	43	14420
*>>>> PERCENT CHANGE <<<<<<	10%	10%	8%	-2%	4%	7%	14%	1%	4%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	82	1.5		.4		129.6	8.7	.8	
*CURRENT QTR 10/86 THRU 12/86	110	2.7		1.0		297.0	17.3	2.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	420	1.3		.4		546.0	8.7	1.1	
*CURRENT YEAR 1/86 THRU 12/86	497	1.6		.5		813.6	17.3	2.3	
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB									
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB									

LOCK & DAM 10
 MISSISSIPPI RIVER
 F5 ST PAUL
 NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	257	28	57	1301	58	345	78	19	1109
* DOWNBOUND	292	35	61	1753	90	408	77	21	2309
* TOTAL	549	32	59	3054	76	753	77	20	3418
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	217	26	62	1047	63	290	81	16	975
* DOWNBOUND	258	32	63	1548	90	368	79	19	1979
* TOTAL	475	29	62	2595	79	658	80	18	2954
*>>>> PERCENT CHANGE <<<<<<	-13%	-20%	-8%	-15%	-12%	-12%	-9%	-22%	-13%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3365	77	21	7455	42	2517	51	47	4583
* DOWNBOUND	3439	78	20	7249	94	2581	49	49	9878
* TOTAL	6804	77	21	14704	68	5098	50	48	14461
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3230	74	23	7013	57	2529	56	42	5878
* DOWNBOUND	3341	75	23	7181	91	2723	54	44	9439
* TOTAL	6571	75	23	14194	74	5252	55	43	15317
*>>>> PERCENT CHANGE <<<<<<	-3%	-6%	6%	-3%	5%	3%	13%	-7%	5%

(ALL TIMES EXPRESSED IN HOURS)

* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
*PREVIOUS QTR 10/85 THRU 12/85	123	1.5	.5	192.5	18.2	.0
*CURRENT QTR 10/86 THRU 12/86	101	1.4	.5	151.0	6.1	.0
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	570	1.1	.4	655.3	18.2	.5
*CURRENT YEAR 1/86 THRU 12/86	556	1.0	.3	607.9	6.1	.0

DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
 DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

ST ANTHONY FALLS UPPER L & D
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	171	32	54	149	44	159	72	24	100
* DOWNBOUND	184	36	58	171	57	162	70	26	136
* TOTAL	355	34	56	320	51	321	71	25	236
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	128	25	55	106	56	127	80	17	84
* DOWNBOUND	138	30	61	121	46	134	75	23	78
* TOTAL	266	27	58	227	51	261	77	20	162
*>>>> PERCENT CHANGE <<<<<<	-25%	-39%	-22%	-29%	-29%	-18%	-11%	35%	-31%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1804	69	25	726	36	1218	44	54	392
* DOWNBOUND	1936	72	24	722	70	1254	42	56	730
* TOTAL	3740	71	24	1448	53	2472	43	55	1122
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1894	69	25	689	45	1299	50	48	446
* DOWNBOUND	2096	72	23	674	56	1401	47	51	556
* TOTAL	3990	71	24	1363	51	2700	49	49	1002
*>>>> PERCENT CHANGE <<<<<<	6%	6%	4%	-5%	-9%	9%	23%	-1%	-10%

*(ALL TIMES EXPRESSED IN HOURS)	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	3	.5	.0	1.7	1.0	.6
*CURRENT QTR 10/86 THRU 12/86	5	.4	.0	2.1	.8	.5
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	47	.3	.0	14.5	1.2	.4
*CURRENT YEAR 1/86 THRU 12/86	53	.3	.0	16.8	1.6	22.5

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

ST ANTHONY FALLS LOWER L & D
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85											
*	UPBOUND	219	25	63	* 242	61	* 200	82	18	* 210	*
*	DOWNBOUND	227	28	67	* 261	40	* 203	78	20	* 145	*
*	TOTAL	446	26	65	* 503	50	* 403	80	19	* 355	*
*CURRENT QTR 10/86 THRU 12/86											
*	UPBOUND	195	18	67	* 241	78	* 188	85	14	* 225	*
*	DOWNBOUND	203	22	70	* 256	23	* 196	81	17	* 81	*
*	TOTAL	398	20	69	* 497	49	* 384	83	16	* 306	*

*>>>>	PERCENT CHANGE	<<<<<	-10%	-32%	-6%	* -1%	-2%	* -4%	-1%	-19%	* -13%

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85											
*	UPBOUND	2045	60	31	* 1134	54	* 1395	51	47	* 864	*
*	DOWNBOUND	2111	66	30	* 1125	50	* 1413	49	48	* 819	*
*	TOTAL	4156	63	31	* 2259	52	* 2808	50	48	* 1683	*
*CURRENT YEAR 1/86 THRU 12/86											
*	UPBOUND	2200	59	36	* 1378	65	* 1598	59	39	* 1075	*
*	DOWNBOUND	2412	62	33	* 1371	35	* 1683	57	41	* 691	*
*	TOTAL	4612	61	35	* 2749	50	* 3281	58	40	* 1766	*

*>>>>	PERCENT CHANGE	<<<<<	10%	6%	25%	* 21%	17%	* 16%	35%	-1%	* 4%

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				

*PREVIOUS QTR 10/85 THRU 12/85	32	.5	.0	18.4	6.7	1.3	*				
*CURRENT QTR 10/86 THRU 12/86	25	.4	.0	10.2	1.2	.9	*				

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	176	.3	.0	63.3	6.7	.5	*				
*CURRENT YEAR 1/86 THRU 12/86	249	.3	.0	84.0	6.1	.5	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 5A
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	263	31	50	1142	47	338	74	19	787
* DOWNBOUND	278	35	55	1441	95	358	74	21	2026
* TOTAL	541	33	53	2583	74	696	74	20	2813
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	191	23	61	868	45	252	78	14	581
* DOWNBOUND	224	31	59	1155	93	294	74	18	1574
* TOTAL	415	27	60	2023	73	546	76	16	2155
*>>> PERCENT CHANGE <<<<<	-23%	-36%	-12%	-21%	-22%	-21%	-19%	-35%	-23%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	4728	83	14	6548	29	2834	48	49	2856
* DOWNBOUND	4641	83	14	6439	97	2888	45	52	9108
* TOTAL	9369	83	14	12987	63	5722	46	50	11964
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	5276	83	12	5949	37	3001	48	48	3319
* DOWNBOUND	5477	84	12	6116	94	3044	46	51	8476
* TOTAL	10753	84	12	12065	66	6045	47	50	11795
*>>> PERCENT CHANGE <<<<<	14%	16%	2%	-7%	-1%	5%	7%	4%	-1%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	103	.9	.3	100.0	8.3	7.3			
*CURRENT QTR 10/86 THRU 12/86	85	1.0	.3	89.3	3.9	3.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	591	.9	.3	533.0	10.0	6.5			
*CURRENT YEAR 1/86 THRU 12/86	618	.9	.4	570.5	4.3	2.2			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

BONNEVILLE LOCK & DAM
 COLUMBIA RIVER
 G2 PORTLAND
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECR TN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECR TN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----	*-----*										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	225	4	85	*	640	40	*	426	97	1	* 400 *
* DOWNBOUND	210	3	92	*	666	93	*	429	98	0	* 1300 *
* TOTAL	435	3	89	*	1306	67	*	855	98	1	* 1700 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	282	5	78	*	734	36	*	503	98	0	* 708 *
* DOWNBOUND	266	7	82	*	761	92	*	536	99	0	* 1593 *
* TOTAL	548	6	80	*	1495	65	*	1039	99	0	* 2301 *
*-----	*-----*										
*>>>> PERCENT CHANGE <<<<<<	25%	131%	13%	*	14%	10%	*	21%	22%	-40%	* 35% *
*-----	*-----*										
* Y E A R T O D A T E				*		*			*	*	
*-----	*-----*										
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1168	18	72	*	2829	29	*	1998	91	4	* 1398 *
* DOWNBOUND	1177	20	74	*	2959	93	*	2081	91	3	* 6281 *
* TOTAL	2345	19	73	*	5788	62	*	4079	91	4	* 7679 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1256	21	69	*	2831	33	*	2082	91	4	* 2401 *
* DOWNBOUND	1256	22	71	*	2954	92	*	2193	92	2	* 5928 *
* TOTAL	2512	22	70	*	5785	63	*	4275	92	3	* 8329 *
*-----	*-----*										
*>>>> PERCENT CHANGE <<<<<<	7%	19%	3%	*	-0%	2%	*	4%	5%	-11%	* 8% *

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELATED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
*-----	TOWS	OF	OF	OF	OF	TIME	MAX	OF		*	
* F O U R T H Q U A R T E R		DELATED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED		VSLs *	
*-----	*-----*										
*PREVIOUS QTR 10/85 THRU 12/85	371		1.0		1.0	399.8	7.5			.0 *	
*CURRENT QTR 10/86 THRU 12/86	421		1.0		1.0	446.3	5.8			.0 *	
*-----	*-----*										
* Y E A R T O D A T E										*	
*-----	*-----*										
*PREVIOUS YEAR 1/85 THRU 12/85	1647		1.1		1.1	1974.0	11.3			1.3 *	
*CURRENT YEAR 1/86 THRU 12/86	1703		1.0		1.0	1813.5	7.9			.0 *	

THE DALLES DAM
 COLUMBIA RIVER
 G2 PORTLAND
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	148	4	93	506	51	156	92	3	454
* DOWNBOUND	144	4	92	498	90	148	93	4	1059
* TOTAL	292	4	92	1004	71	304	93	3	1513
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	178	1	95	617	43	178	97	1	434
* DOWNBOUND	178	1	94	621	91	177	98	1	1396
* TOTAL	356	1	95	1238	67	355	98	1	1830
*>>>> PERCENT CHANGE <<<<<<	21%	-61%	25%	23%	16%	16%	23%	-66%	20%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	730	15	80	2177	38	788	79	9	1586
* DOWNBOUND	741	18	78	2153	91	796	77	10	4705
* TOTAL	1471	16	79	4330	64	1584	78	9	6291
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	783	15	81	2257	42	848	79	9	1759
* DOWNBOUND	777	12	83	2307	89	845	81	7	5027
* TOTAL	1560	14	82	4564	66	1693	80	8	6786
*>>>> PERCENT CHANGE <<<<<<	6%	-9%	9%	5%	8%	6%	9%	-8%	7%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	221	.1		.1		42.8	.9	.7	
*CURRENT QTR 10/86 THRU 12/86	337	.1		.1		51.8	1.2	.6	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	972	.1		.1		187.8	2.6	8.3	
*CURRENT YEAR 1/86 THRU 12/86	1179	.1		.1		189.4	1.9	14.0	

JOHN DAY LOCK & DAM
 COLUMBIA RIVER
 G2 PORTLAND
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R	(%)		(%)	(%)		(%)		(%)	*		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	145	3	93	* 496	52	* 150	93	3	* 398	*	
* DOWNBOUND	142	2	94	* 503	89	* 146	95	2	* 1080	*	
* TOTAL	287	2	94	* 999	70	* 296	94	2	* 1478	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	173	1	97	* 611	43	* 178	98	1	* 446	*	
* DOWNBOUND	173	1	97	* 621	90	* 178	98	1	* 1859	*	
* TOTAL	346	1	97	* 1232	67	* 356	98	1	* 2305	*	

*>>>> PERCENT CHANGE <<<<<<	20%	-37%	25%	* 23%	17%	* 20%	25%	-50%	* 55%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	725	12	80	* 2127	38	* 762	80	6	* 1619	*	
* DOWNBOUND	757	16	77	* 2143	90	* 784	78	8	* 4557	*	
* TOTAL	1482	14	78	* 4270	64	* 1546	79	7	* 6176	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	759	12	85	* 2268	42	* 819	82	6	* 1809	*	
* DOWNBOUND	803	10	78	* 2252	90	* 805	82	6	* 5326	*	
* TOTAL	1562	11	81	* 4520	66	* 1624	82	6	* 7135	*	

*>>>> PERCENT CHANGE <<<<<<	5%	-16%	9%	* 5%	8%	* 5%	9%	-9%	* 15%	*	

*(ALL TIMES EXPRESSED IN HOURS)										*	
.....	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			*	
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	TIME	MAX	OF			*	
		DELAYED	ALL	ALL	(TOWS)	(ALL VSL)	STALLED			*	
		TOWS	TOWS	TOWS			VSLS			*	
*PREVIOUS QTR 10/85 THRU 12/85	269		.1	.1	45.9	1.3	2.4			*	
*CURRENT QTR 10/86 THRU 12/86	338		.1	.1	61.7	1.2	2.5			*	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85	1163		.1	.1	129.8	1.8	2.5			*	
*CURRENT YEAR 1/86 THRU 12/86	1274		.2	.2	286.6	7.4	5.4			*	

WILLAMETTE FALLS LOCKS 1 - 4
WILLAMETTE RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	310	10	80	329	57	377	93	5	43
* DOWNBOUND	302	10	72	284	98	354	93	5	125
* TOTAL	612	10	76	613	76	731	93	5	168
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	335	9	82	334	54	388	94	4	142
* DOWNBOUND	354	14	72	311	97	383	93	5	138
* TOTAL	689	11	77	645	75	771	94	5	280
*>>>> PERCENT CHANGE <<<<<	12%	26%	13%	5%	3%	5%	5%	0%	66%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1435	36	53	994	67	1545	73	26	166
* DOWNBOUND	1492	39	45	868	97	1475	72	26	326
* TOTAL	2927	38	49	1862	81	3020	72	26	492
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1622	27	65	1307	53	1777	80	18	268
* DOWNBOUND	1701	31	58	1226	98	1792	79	20	526
* TOTAL	3323	29	62	2533	75	3569	79	19	794
*>>>> PERCENT CHANGE <<<<<	13%	-11%	43%	36%	26%	18%	29%	-12%	61%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	471	.0	.0	8.1	.2	.0			
*CURRENT QTR 10/86 THRU 12/86	514	3.8	3.7	1998.8	20.6	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1441	.0	.0	58.3	32.5	.0			
*CURRENT YEAR 1/86 THRU 12/86	1982	1.4	1.3	2828.9	402.6	.0			

WILLAMETTE FALLS GUARD LOCK
WILLAMETTE RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%)		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	439	7	57 *	255	43 *	405	94	5 *	28 *	
* DOWNBOUND	433	7	50 *	219	96 *	391	93	5 *	111 *	
* TOTAL	872	7	53 *	474	68 *	796	93	5 *	139 *	
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	469	7	58 *	273	40 *	453	94	5 *	24 *	
* DOWNBOUND	487	10	51 *	252	95 *	426	93	5 *	123 *	
* TOTAL	956	9	54 *	525	66 *	879	93	5 *	147 *	

*>>>> PERCENT CHANGE <<<<<	9%	33%	12% *	10%	8% *	10%	10%	21% *	5% *	

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	1546	26	40 *	658	51 *	1525	54	26 *	77 *	
* DOWNBOUND	1608	29	33 *	543	95 *	1453	51	27 *	232 *	
* TOTAL	3154	27	36 *	1201	71 *	2978	53	26 *	309 *	
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	1938	14	53 *	1041	39 *	2001	48	17 *	90 *	
* DOWNBOUND	1999	17	48 *	967	96 *	1937	43	19 *	478 *	
* TOTAL	3937	16	50 *	2008	66 *	3938	45	18 *	568 *	

*>>>> PERCENT CHANGE <<<<<	24%	-28%	71% *	67%	56% *	32%	14%	-10% *	83% *	

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	468		.0	.0		7.8	.0	.0		
*CURRENT QTR 10/86 THRU 12/86	522		3.7	3.7		1978.1	21.1	.0		

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	1161		.0	.0		19.4	24.0	.0		
*CURRENT YEAR 1/86 THRU 12/86	1978		1.0	1.0		2002.5	21.1	.0		

HIRAM M CHITTENDEN LOCKS
 LAKE WASHINGTON SHP CA
 G3 SEATTLE
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	1067	32	21	* 305	71	* 577	88	2	* 334	*	
* DOWNBOUND	1007	27	25	* 667	67	* 526	88	2	* 147	*	
* TOTAL	2074	29	23	* 972	69	* 1103	88	2	* 481	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	1753	54	14	* 335	82	* 669	87	4	* 342	*	
* DOWNBOUND	1804	45	15	* 582	62	* 633	88	4	* 143	*	
* TOTAL	3557	49	14	* 917	69	* 1302	87	4	* 485	*	

*>>>> PERCENT CHANGE <<<<<<	71%	187%	8%	* -5%	-4%	* 18%	16%	78%	* 0%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	14482	78	7	* 1433	73	* 2879	80	9	* 1481	*	
* DOWNBOUND	13515	76	8	* 2541	62	* 3055	81	9	* 792	*	
* TOTAL	27997	77	8	* 3974	66	* 5934	81	9	* 2273	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	14747	80	7	* 1402	80	* 2911	80	10	* 1617	*	
* DOWNBOUND	14429	76	8	* 2523	61	* 3063	81	10	* 644	*	
* TOTAL	29176	78	7	* 3925	68	* 5974	80	10	* 2261	*	

*>>>> PERCENT CHANGE <<<<<<	4%	4%	1%	* -1%	1%	* 0%	0%	10%	* -0%	*	

*(ALL TIMES EXPRESSED IN HOURS)										*	
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				
*PREVIOUS QTR 10/85 THRU 12/85	438	.1	.1	55.8	4.3	1.5	*				
*CURRENT QTR 10/86 THRU 12/86	475	.0	.0	38.6	.6	1.9	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	1907	.0	.0	175.8	4.3	1.6	*				
*CURRENT YEAR 1/86 THRU 12/86	1993	.0	.0	162.6	1.6	14.2	*				

HIRAM M CHITTENDEN LOCKS AUX1
 LAKE WASHINGTON SHP CA
 G3 SEATTLE
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		
*-----										
*PREVIOUS QTR 10/85 THRU 12/85				*		*		*		*
* UPBOUND	2892	75	1 *	42	42	* 1687	55	39 *	0	*
* DOWNBOUND	2859	81	1 *	38	44	* 1602	47	48 *	1	*
* TOTAL	5751	78	1 *	80	43	* 3289	51	44 *	1	*
*CURRENT QTR 10/86 THRU 12/86				*		*		*		*
* UPBOUND	3578	76	0 *	22	36	* 1949	54	40 *	0	*
* DOWNBOUND	3341	81	0 *	20	40	* 1892	46	49 *	0	*
* TOTAL	6919	78	0 *	42	38	* 3841	50	45 *	0	*
*-----										
*>>>> PERCENT CHANGE <<<<<<	20%	20%	-47% *	-47%	-54%	* 16%	13%	19% *	-100%	*
*-----										
* Y E A R T O D A T E				*		*		*		*
*-----				*		*		*		*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*		*		*
* UPBOUND	20349	90	0 *	103	27	* 7605	41	53 *	0	*
* DOWNBOUND	21695	92	0 *	100	54	* 7884	36	58 *	2	*
* TOTAL	42044	91	0 *	203	40	* 15489	38	56 *	2	*
*CURRENT YEAR 1/86 THRU 12/86				*		*		*		*
* UPBOUND	20657	89	0 *	76	23	* 7880	41	51 *	0	*
* DOWNBOUND	21008	91	0 *	82	67	* 8145	37	56 *	1	*
* TOTAL	41665	90	0 *	158	46	* 16025	39	54 *	1	*
*-----										
*>>>> PERCENT CHANGE <<<<<<	-0%	-1%	-22% *	-22%	-10%	* 3%	6%	-0% *	-50%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----										
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	TOWS	OF	OF	TIME	MAX	OF				
*-----		DELAYED	ALL	(TOWS)	(ALL VSL)	STALLED				
*-----		TOWS	TOWS			VSL				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	2	.0	.0	.1	27.5	1.2				
*CURRENT QTR 10/86 THRU 12/86	1	.0	.0	.0	.8	1.2				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	4	.0	.0	.2	27.5	1.1				
*CURRENT YEAR 1/86 THRU 12/86	6	.0	.0	.3	1.7	6.9				

MCNARY LOCK & DAM
 COLUMBIA RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	156	8	85 *	456	55	* 150	93	6 *	394	*
* DOWNBOUND	152	9	84 *	464	87	* 147	93	6 *	927	*
* TOTAL	308	9	85 *	920	71	* 297	93	6 *	1321	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	176	6	92 *	573	45	* 175	95	4 *	434	*
* DOWNBOUND	188	10	85 *	587	88	* 185	92	5 *	1310	*
* TOTAL	364	8	88 *	1160	67	* 360	94	4 *	1744	*
*-----										
*>>>> PERCENT CHANGE <<<<<<	18%	10%	22% *	26%	17%	* 21%	22%	-5% *	32%	*
*-----										
* Y E A R T O D A T E				*		*			*	*
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	842	29	66 *	1941	44	* 801	75	17 *	1368	*
* DOWNBOUND	867	32	64 *	1955	88	* 828	73	19 *	3971	*
* TOTAL	1709	30	65 *	3896	66	* 1629	74	18 *	5339	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	875	29	68 *	2069	46	* 866	73	19 *	1606	*
* DOWNBOUND	879	28	68 *	2078	87	* 874	74	18 *	4315	*
* TOTAL	1754	28	68 *	4147	66	* 1740	74	18 *	5921	*
*-----										
*>>>> PERCENT CHANGE <<<<<<	2%	-3%	6% *	6%	7%	* 6%	6%	7% *	10%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*PREVIOUS QTR 10/85 THRU 12/85	262	.0	.0	22.5	.8	.2				
*CURRENT QTR 10/86 THRU 12/86	322	.0	.0	31.0	.9	.3				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	1119	.0	.0	108.5	2.3	18.5				
*CURRENT YEAR 1/86 THRU 12/86	1196	.1	.1	132.4	4.8	.7				

ICE HARBOR LOCK & DAM
 SNAKE RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85											*
* UPBOUND	160	14	73	*	270	21	*	153	89	9	* 29 *
* DOWNBOUND	157	12	75	*	278	98	*	155	87	10	* 636 *
* TOTAL	317	13	74	*	548	60	*	308	88	10	* 665 *
*CURRENT QTR 10/86 THRU 12/86											*
* UPBOUND	190	14	74	*	348	17	*	186	90	8	* 44 *
* DOWNBOUND	190	12	76	*	362	99	*	188	90	7	* 917 *
* TOTAL	380	13	75	*	710	59	*	374	90	8	* 961 *

*>>>> PERCENT CHANGE <<<<<<	19%	18%	21%	*	29%	26%	*	21%	24%	-6%	* 44% *

* Y E A R T O D A T E											*
-----											*
*PREVIOUS YEAR 1/85 THRU 12/85											*
* UPBOUND	1483	63	31	*	1140	17	*	1035	54	40	* 109 *
* DOWNBOUND	1468	63	31	*	1150	98	*	1011	54	39	* 2600 *
* TOTAL	2951	63	31	*	2290	57	*	2046	54	39	* 2709 *
*CURRENT YEAR 1/86 THRU 12/86											*
* UPBOUND	1647	64	30	*	1259	19	*	1112	54	39	* 175 *
* DOWNBOUND	1623	63	32	*	1258	97	*	1089	56	37	* 2925 *
* TOTAL	3270	64	31	*	2517	58	*	2201	55	38	* 3100 *

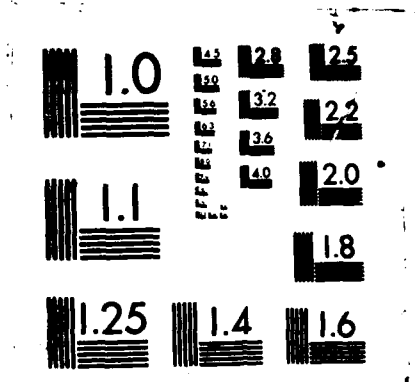
*>>>> PERCENT CHANGE <<<<<<	10%	11%	10%	*	9%	11%	*	7%	9%	4%	* 14% *

*(ALL TIMES EXPRESSED IN HOURS)											
-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF	*				
-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL	*				
*PREVIOUS QTR 10/85 THRU 12/85	236	.0	.0	19.2	.9	.3	*				
*CURRENT QTR 10/86 THRU 12/86	287	.0	.0	25.9	1.0	.6	*				

* Y E A R T O D A T E											*
-----											*
*PREVIOUS YEAR 1/85 THRU 12/85	927	.1	.1	143.5	51.8	2.0	*				
*CURRENT YEAR 1/86 THRU 12/86	1027	.1	.1	138.8	25.7	1.0	*				

LOWER MONUMENTAL LOCK & DAM
 SNAKE RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	87	8	88	245	24	88	89	7	36
* DOWNBOUND	87	8	88	252	96	89	91	7	555
* TOTAL	174	8	88	497	60	177	90	7	591
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	109	7	89	307	20	111	93	4	48
* DOWNBOUND	110	6	91	319	99	115	92	5	784
* TOTAL	219	6	90	626	60	226	92	4	832
*>>>> PERCENT CHANGE <<<<<	25%	7%	29%	25%	25%	27%	31%	21%	40%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	548	39	57	1025	19	521	66	23	120
* DOWNBOUND	547	39	58	1033	97	512	68	21	2253
* TOTAL	1095	39	58	2058	58	1033	67	22	2373
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	627	40	57	1128	22	573	68	21	178
* DOWNBOUND	610	39	59	1130	96	576	67	21	2542
* TOTAL	1237	40	58	2258	59	1149	68	21	2720
*>>>> PERCENT CHANGE <<<<<	12%	13%	13%	9%	11%	11%	11%	8%	14%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	154	.0		.0		14.8	1.0	.0	
*CURRENT QTR 10/86 THRU 12/86	199	.1		.1		29.0	2.2	.4	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	636	.1		.1		68.7	2.1	.4	
*CURRENT YEAR 1/86 THRU 12/86	721	.1		.1		64.2	2.6	.4	



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

LITTLE GOOSE LOCK & DAM
 SNAKE RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	94	15	80	229	25	92	84	13	33
* DOWNBOUND	94	15	80	236	95	95	85	13	502
* TOTAL	188	15	80	465	61	187	85	13	535
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	114	13	85	294	21	112	91	8	48
* DOWNBOUND	116	11	87	312	99	116	92	6	760
* TOTAL	230	12	86	606	61	228	92	7	808
*>>>> PERCENT CHANGE <<<<<<	22%	-6%	30%	30%	30%	21%	32%	-32%	51%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	541	38	59	994	19	538	65	23	113
* DOWNBOUND	542	40	57	994	97	545	64	23	2115
* TOTAL	1083	39	58	1988	58	1083	64	23	2228
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	607	39	58	1093	22	564	68	21	181
* DOWNBOUND	605	39	59	1104	96	568	67	21	2448
* TOTAL	1212	39	58	2197	59	1132	68	21	2629
*>>>> PERCENT CHANGE <<<<<<	11%	12%	12%	10%	12%	4%	10%	-5%	17%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	152		.0		.0	12.3	.4		.0
*CURRENT QTR 10/86 THRU 12/86	198		.0		.0	16.6	.8		.9
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	634		.0		.0	53.1	6.9		42.1
*CURRENT YEAR 1/86 THRU 12/86	711		.0		.0	56.6	.9		.8

LOWER GRANITE LOCK & DAM
 SNAKE RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

* QUARTERLY REPORT		VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE			
* F O U R T H Q U A R T E R		TOTAL	RECR TN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECR TN	* KTONS			
		(%)	(%)	(%)		(%)		(%)	(%)				
*PREVIOUS QTR	10/85 THRU 12/85				*		*			*			
	UPBOUND	101	24	71	*	164	35	*	101	75	23	*	30
	DOWNBOUND	102	25	69	*	167	95	*	102	74	24	*	325
	TOTAL	203	25	70	*	331	65	*	203	74	24	*	355
*CURRENT QTR	10/86 THRU 12/86				*		*						
	UPBOUND	143	34	63	*	210	30	*	143	75	24	*	48
	DOWNBOUND	144	33	63	*	216	95	*	141	77	21	*	460
	TOTAL	287	33	63	*	426	63	*	284	76	23	*	508
* >>>> PERCENT CHANGE <<<<<		41%	90%	27%	*	28%	23%	*	39%	42%	34%	*	43%
* Y E A R T O D A T E					*			*				*	
*PREVIOUS YEAR	1/85 THRU 12/85				*		*					*	
	UPBOUND	825	61	36	*	763	25	*	692	51	47	*	107
	DOWNBOUND	812	61	36	*	761	96	*	675	52	46	*	1471
	TOTAL	1637	61	36	*	1524	60	*	1367	51	46	*	1578
*CURRENT YEAR	1/86 THRU 12/86				*		*					*	
	UPBOUND	870	60	37	*	829	29	*	722	52	45	*	179
	DOWNBOUND	879	60	37	*	828	94	*	721	51	46	*	1643
	TOTAL	1749	60	37	*	1657	61	*	1443	51	46	*	1822
* >>>> PERCENT CHANGE <<<<<		6%	5%	10%	*	8%	10%	*	5%	5%	4%	*	15%
*(ALL TIMES EXPRESSED IN HOURS)													
* F O U R T H Q U A R T E R		DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL						
		TOWS	OF	OF	TIME	MAX	OF						
			DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs						
*PREVIOUS QTR	10/85 THRU 12/85	143	.0	.0	11.1	1.0	.0						
*CURRENT QTR	10/86 THRU 12/86	183	.1	.1	23.7	7.7	2.1						
* Y E A R T O D A T E													
*PREVIOUS YEAR	1/85 THRU 12/85	590	.0	.0	54.1	4.4	30.9						
*CURRENT YEAR	1/86 THRU 12/86	654	.1	.1	77.7	9.6	1.5						

WINFIELD LOCKS & DAM MAIN 1
KANAWHA RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	300	1	90	* 1605	22	* 1103	99	0	* 544	*
* DOWNBOUND	354	4	89	* 1928	87	* 1294	99	0	* 2000	*
* TOTAL	654	3	90	* 3533	58	* 2397	99	0	* 2544	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	216	0	91	* 1273	28	* 778	99	0	* 515	*
* DOWNBOUND	256	0	92	* 1578	87	* 971	99	0	* 1601	*
* TOTAL	472	0	92	* 2851	61	* 1749	99	0	* 2116	*

*>>>> PERCENT CHANGE <<<<<<	-27%	-85%	-25%	* -19%	-15%	* -27%	-26%	-100%	* -16%	*

* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1262	4	89	* 6640	32	* 4725	99	0	* 3592	*
* DOWNBOUND	1301	5	88	* 7029	82	* 4741	99	0	* 6748	*
* TOTAL	2563	5	89	* 13669	57	* 9466	99	0	* 10340	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1149	8	85	* 6144	26	* 4030	99	0	* 2326	*
* DOWNBOUND	1344	5	89	* 7515	86	* 4988	99	0	* 7766	*
* TOTAL	2493	6	88	* 13659	59	* 9018	99	0	* 10092	*

*>>>> PERCENT CHANGE <<<<<<	-2%	28%	-3%	* -0%	2%	* -4%	-4%	-26%	* -2%	*

* (ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	457		4.2	3.3		1963.5	18.9	1.4		*
*CURRENT QTR 10/86 THRU 12/86	285		3.3	2.1		944.6	22.8	14.6		*

* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	1758		10.4	8.0		18424.5	84.9	2.2		*
*CURRENT YEAR 1/86 THRU 12/86	1662		5.0	3.8		8351.3	55.6	4.8		*

WINFIELD LOCKS & DAM MAIN 2
 KANAWHA RIVER
 H1 HUNTINGTON
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	284	4	89	1575	16	1017	99	0	367
* DOWNBOUND	264	8	85	1284	82	851	99	0	1230
* TOTAL	548	6	87	2859	46	1868	99	0	1597
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	336	2	88	1876	21	1177	99	0	577
* DOWNBOUND	310	4	81	1553	79	958	99	0	1392
* TOTAL	646	3	85	3429	48	2135	99	0	1969
*>>>> PERCENT CHANGE <<<<<<	17%	-43%	15%	19%	24%	14%	14%	16%	23%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	954	7	85	4904	19	3249	98	1	1398
* DOWNBOUND	991	11	81	4495	73	3194	98	1	3925
* TOTAL	1945	9	83	9399	45	6443	98	1	5323
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1438	8	83	7492	18	4901	99	0	1922
* DOWNBOUND	1266	12	79	6112	82	3897	98	1	5758
* TOTAL	2704	10	81	13604	46	8798	98	0	7680
*>>>> PERCENT CHANGE <<<<<<	39%	58%	35%	44%	49%	36%	36%	0%	44%

* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	334	3.6	2.5	1206.3	12.5	11.4			
*CURRENT QTR 10/86 THRU 12/86	377	8.8	6.0	3354.2	39.0	1.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1044	3.6	2.3	3807.4	26.3	7.0			
*CURRENT YEAR 1/86 THRU 12/86	1575	5.6	4.0	8862.0	54.6	3.9			

MARMET LOCKS & DAM MAIN 1
KANAWHA RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	189	1	92	* 901	9	* 651	99	0	* 102	*
* DOWNBOUND	246	2	89	* 1137	94	* 883	99	0	* 1350	*
* TOTAL	435	2	90	* 2038	57	* 1534	99	0	* 1452	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	232	0	91	* 1069	7	* 747	100	0	* 125	*
* DOWNBOUND	249	0	90	* 1232	96	* 853	99	0	* 1419	*
* TOTAL	481	0	90	* 2301	55	* 1600	99	0	* 1544	*

*>>>> PERCENT CHANGE <<<<<<	10%	-88%	10%	* 12%	9%	* 4%	4%	-83%	* 6%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	944	22	71	* 3279	10	* 2548	95	4	* 463	*
* DOWNBOUND	1150	19	75	* 4340	93	* 3382	96	3	* 5028	*
* TOTAL	2094	20	73	* 7619	57	* 5930	96	3	* 5491	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1001	9	83	* 4146	7	* 3256	98	1	* 416	*
* DOWNBOUND	1182	10	82	* 4999	94	* 3939	98	1	* 6018	*
* TOTAL	2183	10	83	* 9145	54	* 7195	98	1	* 6434	*

*>>>> PERCENT CHANGE <<<<<<	4%	-47%	17%	* 20%	13%	* 21%	23%	-50%	* 17%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	103		1.5	.4		158.4	6.5	1.1		*
*CURRENT QTR 10/86 THRU 12/86	191		5.3	2.3		1025.9	23.8	2.9		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	402		2.2	.5		899.9	12.5	1.9		*
*CURRENT YEAR 1/86 THRU 12/86	709		3.2	1.2		2321.6	23.8	2.4		*

MARMET LOCKS & DAM MAIN 2
KANAWHA RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

PAGE 114

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	276	10	77	944	6	783	98	1	81
* DOWNBOUND	204	4	81	719	94	572	98	1	829
* TOTAL	480	8	79	1663	44	1355	98	1	910
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	187	5	85	758	6	552	98	1	67
* DOWNBOUND	171	8	74	587	92	445	97	2	650
* TOTAL	358	7	79	1345	44	997	97	2	717
*>>> PERCENT CHANGE <<<<<	-25%	-33%	-24%	-19%	-19%	-26%	-26%	0%	-21%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1230	28	62	3273	8	2760	93	6	335
* DOWNBOUND	983	32	57	2213	90	1960	90	8	2451
* TOTAL	2213	30	60	5486	41	4720	92	7	2786
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1351	30	61	3759	11	3068	93	5	492
* DOWNBOUND	1198	35	53	2844	91	2418	91	8	3214
* TOTAL	2549	32	57	6603	45	5486	92	6	3706
*>>> PERCENT CHANGE <<<<<	15%	23%	10%	20%	32%	16%	16%	10%	33%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	89	1.6	.3	146.3	5.8	2.3			
*CURRENT QTR 10/86 THRU 12/86	41	1.6	.2	67.0	4.0	175.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	250	1.4	.2	359.9	6.9	8.7			
*CURRENT YEAR 1/86 THRU 12/86	406	1.8	.5	766.4	7.7	28.5			

LONDON LOCKS & DAM MAIN 1
 KANAWHA RIVER
 H1 HUNTINGTON
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TOWNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	66	0	84	171	7	158	99	0	14
* DOWNBOUND	70	0	88	173	99	161	100	0	230
* TOTAL	136	0	86	344	53	319	99	0	244
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	20	5	90	74	0	70	97	1	0
* DOWNBOUND	40	0	95	156	100	139	100	0	219
* TOTAL	60	1	93	230	67	209	99	0	219
*>>>> PERCENT CHANGE <<<<<<	-55%	0%	-52%	-33%	-15%	-34%	-34%	0%	-10%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	218	2	83	580	2	582	98	1	20
* DOWNBOUND	188	4	86	484	99	482	98	1	676
* TOTAL	406	3	84	1064	46	1064	98	1	696
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	296	9	80	727	1	751	96	3	12
* DOWNBOUND	359	6	83	1045	99	1044	97	2	1505
* TOTAL	655	7	82	1772	59	1795	97	2	1517
*>>>> PERCENT CHANGE <<<<<<	61%	271%	56%	66%	110%	68%	66%	221%	117%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS		AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
*PREVIOUS QTR 10/85 THRU 12/85	39		1.3	.4		53.0	5.2	1.5	
*CURRENT QTR 10/86 THRU 12/86	14		1.5	.3		22.1	5.0	44.8	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	103		2.6	.7		267.8	12.4	3.1	
*CURRENT YEAR 1/86 THRU 12/86	184		1.9	.6		364.3	10.5	6.9	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUN JUL

LONDON LOCKS & DAM MAIN 2
 KANAWHA RIVER
 H1 HUNTINGTON
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	175	2	82	388	3	388	98	1	13
* DOWNBOUND	160	2	89	382	98	372	98	1	536
* TOTAL	335	2	85	770	50	760	98	1	549
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	190	4	83	471	0	448	97	1	1
* DOWNBOUND	172	7	80	394	98	375	97	1	540
* TOTAL	362	6	81	865	45	823	97	1	541
*>>>> PERCENT CHANGE <<<<<<	8%	144%	2%	12%	0%	8%	7%	66%	-1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	613	14	76	1310	2	1390	93	6	36
* DOWNBOUND	628	12	81	1396	98	1455	94	5	1946
* TOTAL	1241	13	78	2706	51	2845	94	5	1982
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	722	8	80	1722	1	1731	96	3	24
* DOWNBOUND	650	11	78	1378	98	1404	95	4	1924
* TOTAL	1372	9	79	3100	44	3135	95	3	1948
*>>>> PERCENT CHANGE <<<<<<	10%	-18%	11%	14%	-1%	10%	12%	-31%	-1%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	74	1.8	.4	140.3	24.0	3.8			
*CURRENT QTR 10/86 THRU 12/86	63	1.4	.2	88.3	5.7	1.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	233	2.8	.6	652.5	27.6	4.7			
*CURRENT YEAR 1/86 THRU 12/86	300	2.6	.7	807.0	146.6	2.5			

BELLEVILLE LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTM (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	377	0	98	4129	83	374	99	0	4947
* DOWNBOUND	341	0	97	3858	49	339	99	0	2685
* TOTAL	718	0	98	7987	67	713	99	0	7632
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	339	0	99	3763	88	337	99	0	4772
* DOWNBOUND	328	0	98	3808	46	325	100	0	2483
* TOTAL	667	0	98	7571	67	662	99	0	7255
*>>>> PERCENT CHANGE <<<<<<	-7%	-100%	-6%	-5%	-4%	-7%	-6%	-100%	-4%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1537	0	98	16734	81	1519	99	0	19707
* DOWNBOUND	1462	0	97	16331	49	1446	99	0	12133
* TOTAL	2999	0	98	33065	65	2965	99	0	31840
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1418	0	98	16181	86	1407	99	0	20266
* DOWNBOUND	1382	0	98	16259	48	1363	99	0	11136
* TOTAL	2800	0	98	32440	67	2770	99	0	31402
*>>>> PERCENT CHANGE <<<<<<	-6%	-44%	-6%	-1%	1%	-6%	-6%	-50%	-1%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	230	.7	.2	176.8	4.9	2.1			
*CURRENT QTR 10/86 THRU 12/86	194	.6	.1	131.2	3.1	1.2			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	906	.6	.1	584.2	4.9	1.4			
*CURRENT YEAR 1/86 THRU 12/86	825	.6	.1	545.8	4.3	2.0			

BELLEVILLE LOCKS & DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

PAGE 118

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	66	51	30	70	80	53	58	33	58
* DOWNBOUND	103	43	50	173	28	90	65	28	66
* TOTAL	169	46	42	243	43	143	62	30	124
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	46	32	60	88	69	50	68	26	66
* DOWNBOUND	65	43	50	104	49	69	56	37	33
* TOTAL	111	38	54	192	58	119	61	32	99
*>>>> PERCENT CHANGE <<<<<<	-34%	-45%	-15%	-20%	5%	-16%	-18%	-11%	-20%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	545	74	20	370	79	424	31	66	327
* DOWNBOUND	670	66	29	679	25	527	42	54	208
* TOTAL	1215	70	25	1049	44	951	37	59	535
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	684	78	19	387	66	523	28	69	276
* DOWNBOUND	764	75	21	503	37	580	32	65	168
* TOTAL	1448	76	20	890	50	1103	30	67	444
*>>>> PERCENT CHANGE <<<<<<	19%	29%	-3%	-15%	-3%	15%	-5%	30%	-17%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	0	.7	.0	.0	.3	5.2			
*CURRENT QTR 10/86 THRU 12/86	3	.7	.0	2.2	.9	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	11	.4	.0	4.6	1.2	12.6			
*CURRENT YEAR 1/86 THRU 12/86	25	.3	.0	8.7	1.1	.0			

RACINE LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	414	0	96	4372	79	403	99	0	4949
DOWNBOUND	388	1	95	4091	51	382	98	0	2814
TOTAL	802	0	96	8463	65	785	99	0	7763
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	385	0	97	4034	83	378	99	0	4906
DOWNBOUND	369	0	98	4046	50	366	99	0	2693
TOTAL	754	0	97	8080	66	744	99	0	7599
*>>>> PERCENT CHANGE <<<<<	-5%	-71%	-4%	-4%	-3%	-5%	-4%	-50%	-2%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1649	0	97	17770	77	1627	99	0	19881
DOWNBOUND	1596	0	97	17314	51	1574	99	0	12825
TOTAL	3245	0	97	35084	64	3201	99	0	32706
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1623	2	95	17307	82	1585	98	1	20545
DOWNBOUND	1612	3	95	17467	52	1574	97	1	12211
TOTAL	3235	3	95	34774	66	3159	98	1	32756
*>>>> PERCENT CHANGE <<<<<	-0%	390%	-2%	-0%	2%	-1%	-2%	381%	0%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	254	1.5		.5		395.3	39.0	6.0	
*CURRENT QTR 10/86 THRU 12/86	204	.7		.2		151.1	3.5	1.9	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1040	1.0		.3		1103.0	39.0	3.9	
*CURRENT YEAR 1/86 THRU 12/86	963	.8		.2		775.3	5.3	1.8	

RACINE LOCKS & DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	72	41	37	76	30	53	67	15	31
DOWNBOUND	95	44	45	132	51	84	60	27	67
TOTAL	167	43	41	208	43	137	63	22	98
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	72	13	73	174	28	77	84	11	63
DOWNBOUND	88	18	65	196	54	93	80	16	94
TOTAL	160	16	69	370	42	170	82	14	157
*>>>> PERCENT CHANGE <<<<<<	-4%	-63%	58%	77%	72%	24%	60%	22%	60%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	433	59	30	381	49	358	45	48	269
DOWNBOUND	495	57	36	588	40	433	47	46	240
TOTAL	928	58	34	969	43	791	46	47	509
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	443	52	40	580	34	398	52	43	248
DOWNBOUND	476	51	40	633	55	436	53	42	323
TOTAL	919	51	40	1213	45	834	52	43	571
*>>>> PERCENT CHANGE <<<<<<	-0%	-12%	17%	25%	29%	5%	19%	-4%	12%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	4	.2	.0	1.1	.4	7.3			
*CURRENT QTR 10/86 THRU 12/86	5	.4	.0	2.1	.9	81.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	13	.3	.0	4.2	.6	10.0			
*CURRENT YEAR 1/86 THRU 12/86	13	.4	.0	5.6	.9	42.5			

GALLIPOLIS LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	528	2	90	4314	76	810	98	0	5070
* DOWNBOUND	533	5	88	4162	58	793	97	1	3477
* TOTAL	1061	4	89	8476	67	1603	98	1	8547
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	459	0	97	4336	79	767	99	0	5374
* DOWNBOUND	446	0	98	4352	51	766	99	0	3205
* TOTAL	905	0	98	8688	65	1533	99	0	8579
*>>>> PERCENT CHANGE <<<<<<	-14%	-95%	-6%	2%	-1%	-4%	-3%	-94%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1861	3	92	16211	77	2964	98	0	19334
* DOWNBOUND	1893	4	90	16107	55	2963	98	1	12884
* TOTAL	3754	3	91	32318	66	5927	98	1	32218
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1649	0	95	15722	77	2748	99	0	18828
* DOWNBOUND	1668	1	94	16001	54	2781	99	0	12597
* TOTAL	3317	0	95	31723	65	5529	99	0	31425
*>>>> PERCENT CHANGE <<<<<<	-11%	-83%	-8%	-1%	-2%	-6%	-5%	-89%	-2%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R		DELAYED	ALL	ALL	(TOWS)	(ALL VSL)	STALLED		
		TOWS	TOWS	TOWS			VSL		
*PREVIOUS QTR 10/85 THRU 12/85	759		5.1	4.0	3876.2	31.0	2.3		
*CURRENT QTR 10/86 THRU 12/86	627		3.0	2.1	1917.0	17.0	2.1		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2555		3.7	2.7	9579.9	31.0	2.3		
*CURRENT YEAR 1/86 THRU 12/86	2438		5.4	4.2	13315.0	86.7	2.4		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL

GALLIPOLIS LOCKS & DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

PAGE 122

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	90	14	53	107	37	96	81	12	54
* DOWNBOUND	105	20	44	129	51	114	78	17	53
* TOTAL	195	17	48	236	45	210	79	15	107
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	283	36	43	604	72	379	78	18	680
* DOWNBOUND	262	37	43	539	51	350	78	19	375
* TOTAL	545	37	43	1143	62	729	78	19	1055
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	578	24	60	2729	69	1179	90	8	2921
* DOWNBOUND	581	27	56	2598	66	1140	90	8	2414
* TOTAL	1159	26	58	5327	67	2319	90	8	5335
*>>>> PERCENT CHANGE <<<<<<	112%	48%	184%	366%	409%	218%	267%	41%	405%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
*CURRENT QTR 10/86 THRU 12/86	6	.5		.0		3.4	.8	.8	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	98	26.6		10.9		2613.2	67.2	1.6	
*CURRENT YEAR 1/86 THRU 12/86	453	64.5		43.2		29223.3	771.9	3.3	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

GREENUP LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	620	1	95	6123	31	605	99	0	2919
* DOWNBOUND	616	1	96	6124	87	605	99	0	8122
* TOTAL	1236	1	96	12247	59	1210	99	0	11041
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	579	0	97	5557	37	566	100	0	3291
* DOWNBOUND	567	0	97	5631	84	559	99	0	7247
* TOTAL	1146	0	97	11188	61	1125	99	0	10538
*>>>> PERCENT CHANGE <<<<<<	-7%	-88%	-5%	-8%	-6%	-7%	-6%	-83%	-4%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2390	3	92	22318	33	2298	97	1	11778
* DOWNBOUND	2373	4	91	22163	86	2278	97	2	28720
* TOTAL	4763	4	91	44481	60	4576	97	1	40498
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2369	1	95	22969	34	2296	99	0	12328
* DOWNBOUND	2317	0	96	23129	86	2265	99	0	30044
* TOTAL	4686	1	95	46098	60	4561	99	0	42372
*>>>> PERCENT CHANGE <<<<<<	-1%	-72%	2%	3%	4%	-0%	1%	-81%	4%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R		DELAYED	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs		
*PREVIOUS QTR 10/85 THRU 12/85	561		.8	.3	466.9	5.0	.0		
*CURRENT QTR 10/86 THRU 12/86	459		.7	.2	331.5	3.1	1.7		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1912		.7	.3	1456.8	5.5	1.7		
*CURRENT YEAR 1/86 THRU 12/86	2006		1.2	.5	2494.0	50.1	17.6		

GREENUP LOCKS & DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	272	54	30	242	19	199	60	37	69
* DOWNBOUND	235	44	31	185	51	184	67	30	139
* TOTAL	507	50	30	427	33	383	64	34	208
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	369	56	25	206	23	258	60	37	70
* DOWNBOUND	321	49	23	160	65	240	67	31	146
* TOTAL	690	52	24	366	42	498	63	34	216
*>>>> PERCENT CHANGE <<<<<<	36%	43%	8%	-14%	7%	30%	29%	31%	3%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1338	71	18	672	26	904	42	56	267
* DOWNBOUND	1279	66	19	593	42	870	48	50	373
* TOTAL	2617	68	18	1265	34	1774	45	53	640
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1681	63	23	1530	27	1174	54	44	608
* DOWNBOUND	1622	61	23	1391	73	1141	58	41	1492
* TOTAL	3303	62	23	2921	49	2315	56	42	2100
*>>>> PERCENT CHANGE <<<<<<	26%	14%	58%	130%	232%	30%	62%	4%	228%

* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
*PREVIOUS QTR 10/85 THRU 12/85	12	.4		.0		5.3	1.0	.0	
*CURRENT QTR 10/86 THRU 12/86	13	.2		.0		3.6	10.0	.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	35	.3		.0		12.8	1.0	1.0	
*CURRENT YEAR 1/86 THRU 12/86	184	8.9		2.1		1648.9	46.0	2.1	

CAPT ANT MELDAHL LOCKS & DAM
 OHIO RIVER
 H1 HUNTINGTON
 OHIO RIVER DIVISION

* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85	*										
* UPBOUND	612	6	91	* 6042	36	* 602	94	5	* 3405	*	
* DOWNBOUND	625	10	87	* 5958	88	* 603	92	7	* 7950	*	
* TOTAL	1237	8	89	* 12000	62	* 1205	93	6	* 11355	*	
*CURRENT QTR 10/86 THRU 12/86	*										
* UPBOUND	618	10	87	* 5805	34	* 580	94	5	* 3181	*	
* DOWNBOUND	664	14	82	* 5920	88	* 602	93	6	* 7826	*	
* TOTAL	1282	12	85	* 11725	61	* 1182	93	6	* 11007	*	

*>>>> PERCENT CHANGE <<<<<<	3%	54%	-1%	* -2%	-3%	* -1%	-1%	-3%	* -3%	*	

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	*										
* UPBOUND	2488	15	83	* 22365	38	* 2245	93	6	* 13423	*	
* DOWNBOUND	2539	17	80	* 22171	85	* 2243	92	7	* 28376	*	
* TOTAL	5027	16	81	* 44536	61	* 4488	92	7	* 41799	*	
*CURRENT YEAR 1/86 THRU 12/86	*										
* UPBOUND	2359	5	92	* 24216	32	* 2268	96	2	* 12617	*	
* DOWNBOUND	2382	6	91	* 24326	90	* 2282	96	3	* 33124	*	
* TOTAL	4741	6	91	* 48542	61	* 4550	96	3	* 45741	*	

*>>>> PERCENT CHANGE <<<<<<	-5%	-65%	5%	* 8%	9%	* 1%	5%	-51%	* 9%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				

*PREVIOUS QTR 10/85 THRU 12/85	595	1.3	.7	782.2	10.0	2.4	*				
*CURRENT QTR 10/86 THRU 12/86	545	1.2	.6	681.3	7.8	2.6	*				

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	2017	1.3	.6	2643.3	24.0	2.1	*				
*CURRENT YEAR 1/86 THRU 12/86	2179	1.1	.5	2557.5	24.4	1.6	*				

CAPT ANT MELDAHL LK&DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

PAGE 126

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL * TOWS (%)	BARGES * TOTAL	BARGES * LOADED (%)	LCKGES * TOTAL	LCKGES COMMER (%)	LCKGES * RECR TN (%)	TONNAGE * KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	15	0	93	45	40	15	100	0	25
* DOWNBOUND	27	14	70	59	40	27	81	14	33
* TOTAL	42	9	78	104	40	42	88	9	58
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	42	19	66	68	41	41	82	17	43
* DOWNBOUND	30	50	36	23	65	26	57	42	16
* TOTAL	72	31	54	91	47	67	73	26	59
*>>>> PERCENT CHANGE <<<<<	71%	475%	18%	-12%	2%	59%	32%	350%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1839	93	5	319	59	713	16	82	276
* DOWNBOUND	1775	92	5	345	39	722	18	81	188
* TOTAL	3614	93	5	664	49	1435	17	81	464
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2753	94	4	287	49	1049	14	85	199
* DOWNBOUND	2642	94	4	242	47	1042	13	85	144
* TOTAL	5395	94	4	529	48	2091	14	85	343
*>>>> PERCENT CHANGE <<<<<	49%	51%	16%	-20%	-21%	45%	18%	52%	-26%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	0	1.3	.0	.0	.0	123.9			
*CURRENT QTR 10/86 THRU 12/86	2	.5	.0	1.0	.6	783.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	14	.8	.0	12.3	2.0	49.9			
*CURRENT YEAR 1/86 THRU 12/86	15	2.1	.1	31.7	24.0	207.6			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 MAR

WILLOW ISLAND LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	345	0	97	3759	81	342	99	0	4250
* DOWNBOUND	330	0	98	3569	52	330	99	0	2537
* TOTAL	675	0	97	7328	67	672	99	0	6787
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	334	0	99	3558	83	332	100	0	4249
* DOWNBOUND	327	0	99	3634	51	325	99	0	2509
* TOTAL	661	0	99	7192	67	657	99	0	6758
*>>>> PERCENT CHANGE <<<<<<	-2%	0%	-0%	-1%	-1%	-2%	-1%	0%	-0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1467	1	97	15653	80	1450	99	0	17373
* DOWNBOUND	1431	1	97	15480	52	1413	99	0	11842
* TOTAL	2898	1	97	31133	66	2863	99	0	29215
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1391	0	98	15389	83	1383	99	0	18070
* DOWNBOUND	1369	0	98	15502	52	1356	99	0	11051
* TOTAL	2760	0	98	30891	67	2739	99	0	29121
*>>>> PERCENT CHANGE <<<<<<	-4%	-56%	-3%	-0%	1%	-4%	-4%	-50%	-0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	
*PREVIOUS QTR 10/85 THRU 12/85	190		.6	.1	126.8	2.3	3.8		
*CURRENT QTR 10/86 THRU 12/86	163		.6	.1	113.6	4.4	.0		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	816		.6	.1	546.0	3.1	2.1		
*CURRENT YEAF 1/86 THRU 12/86	742		.6	.1	497.2	4.4	1.0		

WILLOW ISLAND LOCKS & DAM AUX
OHIO RIVER
#1 HUNTINGTON
OHIO RIVER DIVISION

PAGE 128

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES* RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	84	8	67	169	68	89	87	6	95
* DOWNBOUND	102	18	65	206	33	108	78	15	90
* TOTAL	186	13	66	375	49	197	82	11	185
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	125	39	49	229	31	109	70	24	87
* DOWNBOUND	160	45	47	248	72	129	69	27	128
* TOTAL	285	42	48	477	53	238	70	26	215
*>>>> PERCENT CHANGE <<<<<<	53%	365%	11%	27%	36%	20%	2%	169%	16%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	978	60	23	762	65	604	49	43	429
* DOWNBOUND	1088	60	26	927	31	678	50	42	328
* TOTAL	2066	60	25	1689	46	1282	49	42	757
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1055	69	22	860	23	665	48	49	263
* DOWNBOUND	1090	67	28	1040	73	716	50	48	613
* TOTAL	2145	68	25	1900	50	1381	49	48	876
*>>>> PERCENT CHANGE <<<<<<	3%	17%	6%	12%	21%	7%	6%	23%	15%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	11	.3	.0	3.9	.7	11.9			
*CURRENT QTR 10/86 THRU 12/86	6	.4	.0	2.6	.9	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	43	.3	.0	16.7	.8	5.9			
*CURRENT YEAR 1/86 THRU 12/86	40	.3	.0	14.6	.9	.0			

LOCK & DAM 1
 GREEN/BARREN RIVER
 H2 LOUISVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	482	3	95	* 1755	10	* 480	59	2	* 278	*
* DOWNBOUND	478	3	93	* 1729	95	* 476	65	3	* 2480	*
* TOTAL	960	3	94	* 3484	52	* 956	62	3	* 2758	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	381	4	92	* 1280	16	* 380	72	4	* 314	*
* DOWNBOUND	379	5	90	* 1250	94	* 377	72	4	* 1797	*
* TOTAL	760	5	91	* 2530	54	* 757	72	4	* 2111	*

*>>>> PERCENT CHANGE <<<<<<	-20%	11%	-23%	* -27%	-24%	* -20%	-8%	20%	* -23%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2286	21	76	* 6636	11	* 2083	66	14	* 1148	*
* DOWNBOUND	2253	22	75	* 6521	94	* 2045	68	13	* 9270	*
* TOTAL	4539	21	76	* 13157	52	* 4128	67	14	* 10418	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1945	24	73	* 5305	15	* 1781	68	17	* 1199	*
* DOWNBOUND	1924	24	73	* 5265	92	* 1759	69	17	* 7362	*
* TOTAL	3869	24	73	* 10570	53	* 3540	69	17	* 8561	*

*>>>> PERCENT CHANGE <<<<<<	-14%	-2%	-18%	* -19%	-18%	* -14%	-12%	6%	* -17%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	90	.3	.0	29.0	1.0	4.7				
*CURRENT QTR 10/86 THRU 12/86	60	.2	.0	13.8	.6	7.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	399	.3	.0	127.8	2.2	3.8				
*CURRENT YEAR 1/86 THRU 12/86	324	.3	.0	107.7	5.0	2.9				

LOCK & DAM 2
 GREEN/BARREN RIVER
 H2 LOUISVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTOWS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85				*	*	*			*
UPBOUND	335	2	94	1227	3	331	96	1	59
DOWNBOUND	333	3	94	1220	97	332	96	2	1787
TOTAL	668	2	94	2447	50	663	96	2	1846
*CURRENT QTR 10/86 THRU 12/86				*	*	*			*
UPBOUND	247	2	95	889	6	247	95	2	83
DOWNBOUND	251	2	95	890	93	250	94	2	1238
TOTAL	498	2	95	1779	49	497	94	2	1321
*>>>> PERCENT CHANGE <<<<<<	-25%	-35%	-24%	-27%	-28%	-25%	-26%	-14%	-28%
* Y E A R T O D A T E				*	*	*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*	*	*			*
UPBOUND	1325	7	90	4642	3	1289	93	4	242
DOWNBOUND	1314	6	90	4602	96	1289	93	4	6669
TOTAL	2639	6	90	9244	49	2578	93	4	6911
*CURRENT YEAR 1/86 THRU 12/86				*	*	*			*
UPBOUND	1120	10	87	3753	4	1109	88	9	245
DOWNBOUND	1117	11	86	3712	95	1103	87	9	5320
TOTAL	2237	11	87	7465	49	2212	88	9	5565
*>>>> PERCENT CHANGE <<<<<<	-15%	34%	-18%	-19%	-19%	-14%	-19%	84%	-19%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	71	.4	.0	34.9	4.2	4.3			
*CURRENT QTR 10/86 THRU 12/86	42	.3	.0	14.4	.8	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	259	.3	.0	101.4	4.2	3.8			
*CURRENT YEAR 1/86 THRU 12/86	207	.3	.0	78.9	2.2	20.9			

MARKLAND LOCKS & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT										
	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	564	0	98	* 5973	42	* 563	99	0	* 3916	*
* DOWNBOUND	554	0	98	* 5870	90	* 553	99	0	* 7873	*
* TOTAL	1118	0	98	* 11843	65	* 1116	99	0	* 11789	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	538	0	98	* 5572	46	* 540	100	0	* 4140	*
* DOWNBOUND	534	0	98	* 5535	83	* 535	99	0	* 6824	*
* TOTAL	1072	0	98	* 11107	65	* 1075	99	0	* 10964	*

*>>>> PERCENT CHANGE <<<<<	-4%	-85%	-3%	* -6%	-7%	* -3%	-3%	-66%	* -6%	*

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	1970	12	86	* 17862	48	* 1810	95	4	* 13692	*
* DOWNBOUND	1917	11	87	* 17468	85	* 1797	94	4	* 22209	*
* TOTAL	3887	11	87	* 35330	66	* 3607	95	4	* 35901	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	2203	1	97	* 22986	45	* 2193	99	0	* 16632	*
* DOWNBOUND	2178	1	97	* 22948	85	* 2166	99	0	* 29069	*
* TOTAL	4381	1	97	* 45934	65	* 4359	99	0	* 45701	*

*>>>> PERCENT CHANGE <<<<	12%	-89%	26%	* 30%	27%	* 20%	26%	-89%	* 27%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*PREVIOUS QTR 10/85 THRU 12/85	588	1.3	.7	794.3	13.0	1.8				
*CURRENT QTR 10/86 THRU 12/86	539	1.1	.5	606.2	5.9	2.0				

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85	1730	1.4	.7	2488.6	36.5	5.1				
*CURRENT YEAR 1/86 THRU 12/86	2084	1.0	.5	2233.3	5.9	1.9				

MARKLAND LOCKS & DAM AUX 1
OHIO RIVER
M2 LOUISVILLE
OHIO RIVER DIVISION

PAGE 132

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	176	73	20 *	92	50	* 99	46	52 *	73	*
* DOWNBOUND	222	74	19 *	110	50	* 143	38	59 *	67	*
* TOTAL	398	74	19 *	202	50	* 242	41	56 *	140	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	187	64	30 *	121	57	* 139	49	49 *	126	*
* DOWNBOUND	201	67	28 *	144	44	* 153	44	54 *	101	*
* TOTAL	388	65	29 *	265	50	* 292	46	52 *	227	*

*>>>> PERCENT CHANGE <<<<<	-2%	-13%	44% *	31%	32%	* 20%	35%	11% *	62%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1386	66	31 *	3552	47	* 1008	68	29 *	2764	*
* DOWNBOUND	1462	66	31 *	3798	82	* 1135	65	33 *	4690	*
* TOTAL	2848	66	31 *	7350	65	* 2143	66	31 *	7454	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2545	90	8 *	446	55	* 1124	22	76 *	425	*
* DOWNBOUND	2548	90	8 *	476	33	* 1166	22	77 *	223	*
* TOTAL	5093	90	8 *	922	43	* 2290	22	77 *	648	*

*>>>> PERCENT CHANGE <<<<<	78%	142%	-54% *	-87%	-91%	* 6%	-64%	159% *	-91%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
*-----	DELAYED	OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*

*PREVIOUS QTR 10/85 THRU 12/85	9	.5	.0	4.9	1.2	124.6				*
*CURRENT QTR 10/86 THRU 12/86	9	.5	.0	4.7	1.1	.0				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	656	5.7	4.1	3768.0	22.7	13.6				*
*CURRENT YEAR 1/86 THRU 12/86	47	.3	.0	18.6	1.1	141.9				*

MCALPINE LOCKS & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	810	4	81	6723	52	751	97	2	5420
* DOWNBOUND	852	10	78	6568	86	782	94	5	8438
* TOTAL	1662	7	80	13291	69	1533	95	3	13858
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	819	10	80	6116	54	733	96	3	5315
* DOWNBOUND	871	14	77	6224	81	770	92	6	7627
* TOTAL	1690	12	78	12340	68	1503	94	4	12942
*>>>> PERCENT CHANGE <<<<<<	1%	64%	0%	-7%	-8%	-1%	-3%	25%	-6%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3209	17	73	22815	60	2851	89	9	21391
* DOWNBOUND	3311	19	71	22310	80	2913	87	11	26822
* TOTAL	6520	18	72	45125	70	5764	88	10	48213
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3742	20	69	25149	54	3154	89	10	21670
* DOWNBOUND	3820	22	70	25316	84	3234	87	11	31775
* TOTAL	7562	21	70	50465	69	6388	88	10	53445
*>>>> PERCENT CHANGE <<<<<<	15%	34%	12%	11%	10%	10%	10%	16%	10%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF	OF	TIME	MAX	OF		
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSL	
*PREVIOUS QTR 10/85 THRU 12/85	843		1.5	.9	1277.0		9.1	2.8	
*CURRENT QTR 10/86 THRU 12/86	844		1.2	.7	1050.1		14.7	1.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2824		1.4	.8	4020.4		21.9	2.9	
*CURRENT YEAR 1/86 THRU 12/86	3409		1.3	.8	4654.2		14.7	1.8	

MCALPINE LOCKS & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*
* CURRENT QTR 10/86 THRU 12/86				*		*			*
UPBOUND	4	0	100	7	42	5	80	0	6
DOWNBOUND	5	0	100	16	87	5	100	0	31
TOTAL	9	0	100	23	73	10	90	0	37
*>>>> PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* YEAR TO DATE				*		*			*
* PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
UPBOUND	80	10	77	533	61	110	91	6	529
DOWNBOUND	91	15	79	680	76	132	90	6	794
TOTAL	171	12	78	1213	70	242	91	6	1323
* CURRENT YEAR 1/86 THRU 12/86				*		*			*
UPBOUND	50	40	54	70	84	45	64	28	101
DOWNBOUND	50	36	52	66	33	46	65	28	44
TOTAL	100	38	53	136	59	91	64	28	145
*>>>> PERCENT CHANGE <<<<<	-41%	72%	-60%	-88%	-90%	-62%	-73%	62%	89%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* FOURTH QUARTER									
* CURRENT QTR 10/86 THRU 12/86	5	2.8	1.6	14.4	6.4	2.5			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	131	8.4	8.2	1103.4	22.9	1.4			
* CURRENT YEAR 1/86 THRU 12/86	17	1.6	.5	28.2	6.4	1.2			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR MAY JUN SEP OCT NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR DEC

LOCK & DAM 52
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	1172	2	84	10980	37	1069	18	2	6513
* DOWNBOUND	1162	0	90	11338	84	1122	17	0	13899
* TOTAL	2334	1	87	22318	61	2191	17	1	20412
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1197	0	89	11346	46	1181	4	3	8592
* DOWNBOUND	1239	0	92	11758	75	1232	0	0	12768
* TOTAL	2436	0	90	23104	61	2413	2	2	21360
*>>> PERCENT CHANGE <<<<<	4%	-82%	8%	3%	3%	10%	-84%	88%	4%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	4269	0	88	40395	45	3989	26	0	28549
* DOWNBOUND	4328	0	90	40342	78	4174	25	0	46669
* TOTAL	8597	0	89	80737	62	8163	25	0	75218
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	4331	0	89	43193	44	4150	25	1	30216
* DOWNBOUND	4472	1	90	43745	77	4365	25	1	49497
* TOTAL	8803	1	90	86938	61	8515	25	1	79713
*>>> PERCENT CHANGE <<<<<	2%	124%	3%	7%	6%	4%	3%	101%	5%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	408	22.8	4.5	9309.2	63.8	1.5			
*CURRENT QTR 10/86 THRU 12/86	9	.0	.0	.8	.2	1.2			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1886	8.6	2.1	16367.2	63.8	1.3			
*CURRENT YEAR 1/86 THRU 12/86	2132	7.9	2.1	16884.3	39.8	2.7			

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTM (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTM (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	168	16	71	591	44	143	91	8	475
* DOWNBOUND	152	3	82	623	73	141	97	2	686
* TOTAL	320	10	76	1214	59	284	94	5	1161
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	858	16	64	2049	52	799	85	12	2009
* DOWNBOUND	912	21	63	2115	57	808	87	10	1891
* TOTAL	1770	18	63	4164	55	1607	86	11	3900
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	846	12	63	2175	58	775	90	8	2350
* DOWNBOUND	871	9	70	2654	60	837	92	5	2291
* TOTAL	1717	11	66	4829	59	1612	91	7	4641
*>>>> PERCENT CHANGE <<<<<<	-2%	-42%	1%	15%	25%	0%	6%	-36%	19%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	213	11.6		10.0		2477.6	54.9	1.6	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	556	5.3		2.6		2949.9	54.9	3.9	
*CURRENT YEAR 1/86 THRU 12/86	632	3.1		1.7		2008.9	30.6	3.1	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB MAR APR NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR OCT NOV DEC

CANNELTON LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

PAGE 137

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TM (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	656	2	94	6667	52	640	98	1	5430
* DOWNBOUND	701	8	86	6569	87	651	95	3	8252
* TOTAL	1357	5	90	13236	69	1291	97	2	13682
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	507	0	97	5373	53	500	99	0	4571
* DOWNBOUND	524	0	98	5589	82	521	99	0	6624
* TOTAL	1031	0	98	10962	68	1021	99	0	11195
*>>>> PERCENT CHANGE <<<<<	-24%	-95%	-17%	-17%	-19%	-20%	-18%	-93%	-18%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2602	6	90	24551	58	2480	96	3	22641
* DOWNBOUND	2627	8	88	24254	80	2456	95	4	27974
* TOTAL	5229	7	89	48805	69	4936	95	3	50615
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2140	3	94	21875	52	2082	97	1	18188
* DOWNBOUND	2134	3	94	21856	85	2077	98	1	26741
* TOTAL	4274	3	94	43731	69	4159	98	1	44929
*>>>> PERCENT CHANGE <<<<<	-18%	-64%	-13%	-10%	-11%	-15%	-13%	-59%	-11%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	775	1.5		.9		1193.3	26.2	3.7	
*CURRENT QTR 10/86 THRU 12/86	555	3.0		1.6		1691.7	54.5	.8	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2705	1.5		.9		4222.8	26.2	2.3	
*CURRENT YEAR 1/86 THRU 12/86	2242	1.7		.9		3901.9	54.5	1.7	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 SEP

CANNELTON LOCK & DAM AUX
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	50	6	66	* 249	48	* 61	93	1	* 173	*
* DOWNBOUND	89	42	46	* 383	77	* 92	80	17	* 432	*
* TOTAL	139	29	53	* 632	65	* 153	85	11	* 605	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	184	8	83	* 1342	47	* 268	95	2	* 1055	*
* DOWNBOUND	213	24	69	* 1350	80	* 279	87	11	* 1487	*
* TOTAL	397	17	75	* 2692	64	* 547	91	7	* 2542	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*>>>> PERCENT CHANGE <<<<<	185%	68%	306%	* 325%	316%	* 257%	280%	129%	* 320%	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
* Y E A R T O D A T E				*		*			*	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	507	77	15	* 379	36	* 312	39	58	* 203	*
* DOWNBOUND	565	75	16	* 545	73	* 375	42	55	* 563	*
* TOTAL	1072	76	16	* 924	58	* 687	41	56	* 766	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1043	29	61	* 5863	50	* 1304	84	13	* 4825	*
* DOWNBOUND	1100	32	59	* 6105	81	* 1362	82	16	* 7077	*
* TOTAL	2143	30	60	* 11968	66	* 2666	83	15	* 11902	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*>>>> PERCENT CHANGE <<<<<	99%	-19%	632%	* 195%	373%	* 288%	687%	3%	* 453%	*
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
-----	-----	-----	-----	-----	-----	-----				
*PREVIOUS QTR 10/85 THRU 12/85	51	7.2	4.9	367.6	19.0	.6				
*CURRENT QTR 10/86 THRU 12/86	240	24.7	19.7	5930.9	60.3	3.7				
-----	-----	-----	-----	-----	-----	-----				
* Y E A R T O D A T E										
-----	-----	-----	-----	-----	-----	-----				
*PREVIOUS YEAR 1/85 THRU 12/85	59	6.3	2.1	371.8	19.0	1.4				
*CURRENT YEAR 1/86 THRU 12/86	1096	28.9	24.6	31781.6	1602.6	2.8				
-----	-----	-----	-----	-----	-----	-----				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT

NEWBURGH LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

PAGE 139

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	752	0	95	* 7407	48	* 724	99	0	* 5585	*
* DOWNBOUND	727	0	96	* 7445	86	* 713	99	0	* 9216	*
* TOTAL	1479	0	95	* 14852	67	* 1437	99	0	* 14801	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	783	0	95	* 7722	51	* 756	99	0	* 6357	*
* DOWNBOUND	771	0	95	* 7973	78	* 747	99	0	* 8826	*
* TOTAL	1554	0	95	* 15695	65	* 1503	99	0	* 15183	*

*>>>> PERCENT CHANGE <<<<<	5%	-53%	4%	* 5%	1%	* 4%	4%	50%	* 2%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2920	1	94	* 28257	54	* 2796	99	0	* 24179	*
* DOWNBOUND	2941	4	92	* 28027	79	* 2788	98	1	* 31489	*
* TOTAL	5861	2	93	* 56284	67	* 5584	98	0	* 55668	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3005	0	95	* 30708	48	* 2917	99	0	* 23350	*
* DOWNBOUND	3005	2	94	* 31065	81	* 2894	99	0	* 35986	*
* TOTAL	6010	1	95	* 61773	64	* 5811	99	0	* 59336	*

*>>>> PERCENT CHANGE <<<<<	2%	-36%	4%	* 9%	6%	* 4%	4%	-44%	* 6%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*
*PREVIOUS QTR 10/85 THRU 12/85	754		.8	.4		663.6	5.4	1.1		*
*CURRENT QTR 10/86 THRU 12/86	813		.9	.4		735.6	5.4	3.7		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	2806		1.0	.5		3023.4	32.8	1.7		*
*CURRENT YEAR 1/86 THRU 12/86	3070		.8	.4		2698.6	12.1	2.4		*

NEWBURGH LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	241	62	29	205	44	206	46	51	151
* DOWNBOUND	310	63	22	171	49	272	43	56	118
* TOTAL	551	62	25	376	47	478	44	54	269
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	193	32	47	256	57	179	72	25	211
* DOWNBOUND	265	43	32	204	47	241	64	34	122
* TOTAL	458	38	38	460	53	420	67	30	333
*>>>> PERCENT CHANGE <<<<<<	-16%	-48%	27%	22%	37%	-12%	33%	-50%	23%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2217	83	11	730	46	1442	26	71	551
* DOWNBOUND	2310	81	12	796	29	1556	27	71	307
* TOTAL	4527	82	12	1526	37	2998	27	71	858
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2537	77	15	1210	53	1627	35	64	972
* DOWNBOUND	2597	75	13	905	41	1703	36	62	499
* TOTAL	5134	76	14	2115	48	3330	35	63	1471
*>>>> PERCENT CHANGE <<<<<<	13%	5%	31%	38%	77%	11%	46%	-1%	71%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	12	.2	.0	3.5	.8	1.6			
*CURRENT QTR 10/86 THRU 12/86	7	.2	.0	1.8	.4	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	62	.4	.0	28.3	271.5	22.6			
*CURRENT YEAR 1/86 THRU 12/86	89	.2	.0	25.7	1.3	1.9			

UNIONTOWN LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTH (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	824	0	97	9236	32	814	99	0	4737
* DOWNBOUND	851	1	97	9396	90	838	99	0	12498
* TOTAL	1675	1	97	18632	61	1652	99	0	17235
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	845	0	97	9161	40	834	99	0	5957
* DOWNBOUND	862	1	98	9406	81	850	99	0	11551
* TOTAL	1707	0	98	18567	61	1684	99	0	17508
*>>>> PERCENT CHANGE <<<<<	1%	0%	2%	-0%	-1%	1%	2%	0%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3072	1	96	33085	39	3002	99	0	20913
* DOWNBOUND	3096	1	97	32997	85	3052	99	0	42412
* TOTAL	6168	1	96	66082	62	6054	99	0	63325
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3316	0	97	36125	37	3267	99	0	22142
* DOWNBOUND	3345	1	97	36067	84	3289	99	0	46025
* TOTAL	6661	1	97	72192	61	6556	99	0	68167
*>>>> PERCENT CHANGE <<<<<	7%	0%	8%	9%	6%	8%	8%	-22%	7%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL'S	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	993	1.3		.7		1304.1	9.8	1.6	
*CURRENT QTR 10/86 THRU 12/86	954	.8		.5		850.7	6.9	1.6	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	3316	1.2		.6		4055.2	22.6	3.8	
*CURRENT YEAR 1/86 THRU 12/86	3727	.9		.5		3441.9	6.9	1.7	

UNIONTOWN LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

PAGE 142

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	258	79	14	85	27	218	24	74	49
* D O W N B O U N D	301	81	12	80	33	257	21	77	42
* T O T A L	559	80	13	165	30	475	22	75	91
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	330	69	20	190	34	300	33	65	130
* D O W N B O U N D	384	78	14	154	32	328	25	73	66
* T O T A L	714	74	17	344	33	628	29	69	196
*>>> PERCENT CHANGE <<<<<	27%	18%	64%	108%	130%	32%	69%	21%	115%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	1825	88	8	381	35	1304	16	82	253
* D O W N B O U N D	1941	89	6	313	33	1413	14	84	160
* T O T A L	3766	88	7	694	34	2717	15	83	413
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	2163	82	9	571	36	1576	24	74	407
* D O W N B O U N D	2232	84	8	547	34	1639	20	78	266
* T O T A L	4395	83	9	1118	35	3215	22	76	673
*>>> PERCENT CHANGE <<<<<	16%	9%	40%	61%	62%	18%	74%	8%	62%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	9	.2	.0	2.5	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	4	.1	.0	.7	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	30	1.6	.1	49.7	13.6	4.2			
*CURRENT YEAR 1/86 THRU 12/86	25	.3	.0	7.5	2.0	.0			

SMITHLAND LOCK & DAM
OHIO RIVER
#2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	
* UPBOUND	220	2	88 *	1651	35	212	98	1 *	938	*
* DOWNBOUND	897	4	92 *	8908	91	874	96	3 *	12238	*
* TOTAL	1117	3	91 *	10559	82	1086	97	2 *	13176	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	
* UPBOUND	197	16	72 *	1230	27	186	87	11 *	525	*
* DOWNBOUND	997	10	85 *	9321	83	923	94	5 *	11695	*
* TOTAL	1194	11	82 *	10551	76	1109	92	6 *	12220	*

*>>>> PERCENT CHANGE <<<<<	6%	238%	-3% *	-0%	-6%	2%	-2%	145% *	-7%	*

* Y E A R T O D A T E				*		*			*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	
* UPBOUND	814	18	75 *	5280	32	761	85	12 *	2760	*
* DOWNBOUND	3461	8	86 *	31597	87	3263	93	5 *	42290	*
* TOTAL	4275	10	84 *	36877	79	4024	92	6 *	45050	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	
* UPBOUND	874	19	68 *	5491	32	805	85	13 *	2941	*
* DOWNBOUND	3568	8	86 *	34036	86	3379	94	5 *	44491	*
* TOTAL	4442	10	83 *	39527	78	4184	92	6 *	47432	*

*>>>> PERCENT CHANGE <<<<<	3%	7%	2% *	7%	5%	3%	4%	3% *	5%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*.....	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
*.....		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*PREVIOUS QTR 10/85 THRU 12/85	196	.9	.1	184.5	11.1	1.6				
*CURRENT QTR 10/86 THRU 12/86	184	1.0	.1	187.9	18.0	4.3				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	731	1.3	.2	969.6	17.5	1.4				
*CURRENT YEAR 1/86 THRU 12/86	689	1.0	.1	710.9	24.2	4.5				

SMITHLAND LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECR TN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECR TN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	831	1	93	8806	28	808	98	0	3924
DOWNBOUND	213	15	78	1746	84	209	84	13	2217
TOTAL	1044	4	90	10552	37	1017	95	3	6141
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	958	8	86	9226	37	877	96	2	5615
DOWNBOUND	242	32	57	1503	81	209	77	22	1806
TOTAL	1200	13	80	10729	43	1086	93	6	7421
*>>>> PERCENT CHANGE <<<<<<	14%	283%	2%	1%	17%	6%	3%	94%	20%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	3277	6	90	32094	35	3160	95	4	18025
DOWNBOUND	830	23	70	5748	80	761	82	15	7104
TOTAL	4107	9	86	37842	41	3921	92	6	25129
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	3600	7	87	35386	34	3406	95	3	19495
DOWNBOUND	1006	22	68	7020	81	894	85	13	8743
TOTAL	4606	10	83	42406	42	4300	93	5	28238
*>>>> PERCENT CHANGE <<<<<<	12%	22%	8%	12%	12%	9%	10%	4%	12%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF		AVG DELAY OF		TOTAL DELAY TIME	DELAY MAX	AVG STALL OF	
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSL S
*PREVIOUS QTR 10/85 THRU 12/85	148	.5	.0	.0	.0	80.0	8.9	2.4	
*CURRENT QTR 10/86 THRU 12/86	143	.4	.0	.0	.0	66.3	5.9	4.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	644	1.1	.2	.2	.2	750.9	13.8	2.4	
*CURRENT YEAR 1/86 THRU 12/86	542	.6	.0	.0	.0	326.7	35.0	7.1	

MELTON HILL LOCK
 CLINCH RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	6	83	16	*	3 33	*	10	10	40	*	0
* DOWNBOUND	4	75	25	*	2 50	*	10	10	30	*	0
* TOTAL	10	80	20	*	5 40	*	20	10	35	*	0
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	3	100	0	*	0 0	*	5	0	60	*	0
* DOWNBOUND	3	100	0	*	0 0	*	5	0	60	*	0
* TOTAL	6	100	0	*	0 0	*	10	0	60	*	0
-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<<	-40%	-25%	-100%	*	-100%	-100%	*	-50%	-100%	-14%	* 0%
-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	37	97	2	*	3 33	*	54	1	55	*	0
* DOWNBOUND	54	98	1	*	2 50	*	58	1	58	*	1
* TOTAL	91	97	2	*	5 40	*	112	1	57	*	1
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	33	90	3	*	2 100	*	50	6	52	*	0
* DOWNBOUND	33	87	6	*	4 50	*	46	8	50	*	0
* TOTAL	66	89	4	*	6 66	*	96	7	51	*	0
-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<<	-27%	-33%	50%	*	20%	100%	*	-14%	250%	-23%	* -100%
-----				*		*			*	*	

*(ALL TIMES EXPRESSED IN HOURS)											
-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*	
-----		DELAYED	ALL	ALL	ALL	(TOWS)	(ALL VSL)	STALLED	VSL	*	
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.0	.0	.3	2.5		*	
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.0	.0	1.2	.9		*	
-----										*	
* Y E A R T O D A T E										*	
-----										*	
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.0	.0	1.7	2.9		*	
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.0	.0	1.2	1.4		*	
-----										*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB

BARKLEY LOCK
 CUMBERLAND RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	98	36	61	321	86	94	67	32	418
* DOWNBOUND	115	13	85	676	4	129	92	6	40
* TOTAL	213	24	74	997	30	223	81	17	458
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	193	34	63	705	89	185	69	27	914
* DOWNBOUND	214	15	81	1288	8	242	88	10	154
* TOTAL	407	24	72	1993	37	427	80	17	1068
*>>>> PERCENT CHANGE <<<<<<	91%	90%	87%	99%	141%	91%	87%	90%	133%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	741	67	31	1530	92	554	43	50	2104
* DOWNBOUND	921	55	42	3173	4	835	60	36	191
* TOTAL	1662	60	37	4703	32	1389	53	41	2295
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1507	31	66	8145	81	1563	82	16	9822
* DOWNBOUND	1718	27	69	9934	21	1852	84	14	2983
* TOTAL	3225	29	68	18079	48	3415	83	15	12805
*>>>> PERCENT CHANGE <<<<<<	94%	-7%	253%	284%	469%	145%	282%	-9%	457%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	18	1.1	.1	19.8	5.7	2.7			
*CURRENT QTR 10/86 THRU 12/86	54	.9	.1	53.9	8.5	4.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	100	.7	.1	71.0	5.7	2.6			
*CURRENT YEAR 1/86 THRU 12/86	1499	5.1	3.5	7775.5	29.6	2.7			

CHEATHAM LOCK
 CUMBERLAND RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*
.....										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	175	22	77 *	656	94	180	77	19 *	997	*
* DOWNBOUND	179	24	75 *	685	9	179	77	20 *	84	*
* TOTAL	354	23	76 *	1341	51	359	77	20 *	1081	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	210	30	68 *	731	97	198	74	21 *	1055	*
* DOWNBOUND	212	28	66 *	742	4	200	75	22 *	40	*
* TOTAL	422	29	67 *	1473	50	398	74	21 *	1095	*
.....										
*>>>> PERCENT CHANGE <<<<<<	19%	49%	5% *	9%	8%	10%	6%	19% *	1%	*
.....										
* Y E A R T O D A T E				*		*			*	*
.....				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	894	46	52 *	2570	93	819	59	37 *	3782	*
* DOWNBOUND	885	46	52 *	2574	8	809	60	36 *	285	*
* TOTAL	1779	46	52 *	5144	51	1628	60	37 *	4067	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1057	47	51 *	2866	96	935	61	36 *	4122	*
* DOWNBOUND	1037	45	51 *	2896	7	943	60	36 *	274	*
* TOTAL	2094	46	51 *	5762	51	1878	61	36 *	4396	*
.....										
*>>>> PERCENT CHANGE <<<<<<	17%	17%	16% *	12%	12%	15%	17%	13% *	8%	*
.....										
*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
.....	DELAYED	OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL'S				*
.....										
*PREVIOUS QTR 10/85 THRU 12/85	28	.8	.0	23.1	10.0	.5				*
*CURRENT QTR 10/86 THRU 12/86	44	.7	.1	30.9	9.3	3.5				*
.....										
* Y E A R T O D A T E										*
.....										*
*PREVIOUS YEAR 1/85 THRU 12/85	94	.5	.0	54.7	10.0	2.2				*
*CURRENT YEAR 1/86 THRU 12/86	139	.5	.0	78.1	9.3	2.1				*
.....										

CORDELL HULL LOCK
 CUMBERLAND RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	14	21	42	25	0	22	72	13	0
* DOWNBOUND	14	21	78	26	100	17	64	17	37
* TOTAL	28	21	60	51	50	39	69	15	37
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	108	46	32	117	2	133	57	35	4
* DOWNBOUND	110	48	50	117	97	118	48	43	160
* TOTAL	218	47	41	234	50	251	52	39	164
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	4	0	75	5	40	5	80	0	2
* DOWNBOUND	2	0	100	3	100	3	66	0	4
* TOTAL	6	0	83	8	62	8	75	0	6
*>>>> PERCENT CHANGE <<<<<<	-97%	-100%	-94%	-96%	-95%	-96%	-95%	-100%	-96%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	0	.8	.0	.0	.0	4.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	5	4.8	.2	24.0	14.5	3.2			
*CURRENT YEAR 1/86 THRU 12/86	0	.5	.0	.0	.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

OLD HICKORY LOCK
 CUMBERLAND RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTM	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	197	80	13 *	46	89	149	27	69 *	69	*
* DOWNBOUND	200	80	14 *	50	14	155	28	70 *	12	*
* TOTAL	397	80	13 *	96	50	304	27	70 *	81	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	183	60	30 *	113	97	164	50	44 *	165	*
* DOWNBOUND	175	60	28 *	110	7	156	50	45 *	11	*
* TOTAL	358	60	29 *	223	52	320	50	45 *	176	*

*>>>> PERCENT CHANGE <<<<<<	-9%	-32%	94% *	132%	145%	5%	89%	-32% *	117%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	1659	89	7 *	221	78	973	19	79 *	282	*
* DOWNBOUND	1649	89	7 *	215	13	1015	18	79 *	38	*
* TOTAL	3308	89	7 *	436	46	1988	18	79 *	320	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	1905	85	10 *	398	94	1089	26	71 *	576	*
* DOWNBOUND	1877	85	9 *	394	8	1165	25	73 *	43	*
* TOTAL	3782	85	10 *	792	51	2254	25	72 *	619	*

*>>>> PERCENT CHANGE <<<<<<	14%	9%	67% *	81%	102%	13%	54%	3% *	93%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	5		1.1	.1		5.6	3.6	2.9		*
*CURRENT QTR 10/86 THRU 12/86	17		2.0	.3		34.0	10.6	8.0		*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	26		.8	.0		21.6	10.0	2.8		*
*CURRENT YEAR 1/86 THRU 12/86	67		.8	.1		55.2	10.6	6.5		*

KENTUCKY LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	697	21	69	4381	75	870	88	10	4917
* DOWNBOUND	543	2	85	4202	39	761	97	1	2329
* TOTAL	1240	13	76	8583	58	1631	93	6	7246
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	687	22	71	4693	76	870	90	8	5316
* DOWNBOUND	536	2	87	4181	39	743	98	0	2257
* TOTAL	1223	13	78	8874	58	1613	94	5	7573
*>>>> PERCENT CHANGE <<<<<<	-1%	3%	1%	3%	4%	-1%	0%	-19%	4%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2383	18	74	16033	79	3081	91	8	18924
* DOWNBOUND	2004	8	81	14660	32	2778	94	4	6698
* TOTAL	4387	13	77	30693	57	5859	93	6	25622
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1731	13	78	13073	75	2326	94	5	14672
* DOWNBOUND	1544	4	85	12242	37	2166	97	2	6437
* TOTAL	3275	9	81	25315	57	4492	95	3	21109
*>>>> PERCENT CHANGE <<<<<<	-25%	-48%	-21%	-17%	-16%	-23%	-21%	-53%	-17%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	752	4.4	3.5	3334.2	36.1	1.9			
*CURRENT QTR 10/86 THRU 12/86	768	4.2	3.3	3234.4	21.0	1.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2554	3.7	2.7	9480.5	36.1	1.8			
*CURRENT YEAR 1/86 THRU 12/86	2203	4.3	3.6	9608.4	21.0	35.0			

PICKWICK LANDING LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	516	41	53	2611	96	486	72	26	3570
* DOWNBOUND	346	6	87	2721	16	401	93	4	634
* TOTAL	862	27	66	5332	55	887	81	16	4204
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	593	48	49	2917	96	538	69	29	4085
* DOWNBOUND	417	13	80	3042	12	454	90	8	548
* TOTAL	1010	33	62	5959	53	992	78	19	4633
*>>>> PERCENT CHANGE <<<<<<	17%	43%	9%	11%	7%	11%	7%	33%	10%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1418	43	53	7449	96	1334	72	25	10279
* DOWNBOUND	1279	33	62	7572	13	1322	79	18	1537
* TOTAL	2697	38	57	15021	55	2656	76	21	11816
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1994	38	59	11957	95	2030	76	22	16620
* DOWNBOUND	2033	30	66	12824	13	2146	79	19	2465
* TOTAL	4027	34	62	24781	53	4176	77	20	19085
*>>>> PERCENT CHANGE <<<<<<	49%	32%	62%	64%	59%	57%	60%	48%	61%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	298	2.0	1.0	597.9	13.9	2.5			
*CURRENT QTR 10/86 THRU 12/86	334	1.9	1.0	650.8	12.8	2.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	910	2.4	1.4	2194.9	18.7	3.7			
*CURRENT YEAR 1/86 THRU 12/86	1377	2.0	1.0	2774.0	18.7	2.2			

PICKWICK LANDING LOCK AUX
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	373	9	89	3111	94	597	91	4	4282
* D O W N B O U N D	410	14	80	3238	15	630	90	6	723
* T O T A L	783	11	84	6349	54	1227	91	5	5005
*CURRENT YEAR 1/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	DELAYED TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	339	1.9	1.0	672.2	8.0	1.4			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUN JUL AUG SEP OCT NOV DEC

WILSON LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85	*										
* UPBOUND	290	27	49	*	1036	77	*	312	77	18	* 1177
* DOWNBOUND	287	29	52	*	967	46	*	308	77	20	* 626
* TOTAL	577	28	50	*	2003	62	*	620	77	19	* 1803
*CURRENT QTR 10/86 THRU 12/86	*										
* UPBOUND	306	32	50	*	1276	91	*	331	79	18	* 1710
* DOWNBOUND	334	35	52	*	1182	30	*	351	77	20	* 496
* TOTAL	640	33	51	*	2458	62	*	682	78	19	* 2206

*>>>> PERCENT CHANGE <<<<<<	10%	30%	12%	*	22%	22%	*	10%	11%	10%	* 22%

* Y E A R T O D A T E	*										
*-----	*										
*PREVIOUS YEAR 1/85 THRU 12/85	*										
* UPBOUND	1507	46	38	*	4519	84	*	1423	68	28	* 5574
* DOWNBOUND	1518	47	39	*	4526	34	*	1480	68	29	* 2146
* TOTAL	3025	47	38	*	9045	59	*	2903	68	29	* 7720
*CURRENT YEAR 1/86 THRU 12/86	*										
* UPBOUND	1767	51	35	*	5342	82	*	1588	68	30	* 6545
* DOWNBOUND	1799	51	38	*	5193	33	*	1632	68	30	* 2419
* TOTAL	3566	51	36	*	10535	58	*	3220	68	30	* 8964

*>>>> PERCENT CHANGE <<<<<<	17%	28%	11%	*	16%	15%	*	10%	10%	15%	* 16%

*(ALL TIMES EXPRESSED IN HOURS)	*										
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*	
*-----	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*	
*-----	*										
*PREVIOUS QTR 10/85 THRU 12/85	77	1.4	.3			113.1	5.7	2.0		*	
*CURRENT QTR 10/86 THRU 12/86	120	1.5	.5			181.1	7.0	2.7		*	

* Y E A R T O D A T E	*										
*-----	*										
*PREVIOUS YEAR 1/85 THRU 12/85	417	1.7	.6			710.2	25.2	2.9		*	
*CURRENT YEAR 1/86 THRU 12/86	499	1.4	.5			735.0	9.0	1.8		*	

WILSON LOCK AUX
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	NO DATA FOR THIS LOCK								
*CURRENT YEAR 1/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	DELAYED	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
* Y E A R T O D A T E									

GEN JOS WHEELER LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	138	17	78	* 848	77	* 188	87	10	* 952
* DOWNBOUND	135	14	80	* 792	48	* 186	87	9	* 522
* TOTAL	273	16	79	* 1640	63	* 374	87	10	* 1474
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	288	43	52	* 1264	91	* 313	73	24	* 1653
* DOWNBOUND	275	45	52	* 1085	29	* 317	68	28	* 419
* TOTAL	563	44	52	* 2349	63	* 630	70	26	* 2072
*>>>> PERCENT CHANGE <<<<<<	106%	465%	35%	* 43%	42%	* 68%	35%	339%	* 40%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	735	29	68	* 4139	84	* 887	86	12	* 5064
* DOWNBOUND	663	21	75	* 4187	33	* 889	87	10	* 1966
* TOTAL	1398	25	71	* 8326	59	* 1776	86	11	* 7030
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1663	62	35	* 5145	83	* 1561	59	39	* 6251
* DOWNBOUND	1630	63	35	* 4943	32	* 1551	57	40	* 2244
* TOTAL	3293	63	35	* 10088	58	* 3112	58	40	* 8495
*>>>> PERCENT CHANGE <<<<<<	135%	482%	16%	* 21%	20%	* 75%	17%	530%	* 20%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	
	TOWS	OF	OF	OF	OF	TIME	MAX	OF	
* F O U R T H Q U A R T E R		DELAYED	ALL	ALL	ALL	(TOWS)	(ALL VSL)	STALLED VSLs	
*PREVIOUS QTR 10/85 THRU 12/85	48		1.6		.3	77.5	16.2	11.1	
*CURRENT QTR 10/86 THRU 12/86	96		1.2		.3	117.1	4.3	2.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	271		1.2		.3	341.5	16.2	5.4	
*CURRENT YEAR 1/86 THRU 12/86	399		1.1		.3	445.9	4.8	1.9	

GEN JOS WHEELER LK AUX1
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

PAGE 156

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	76	72	25	131	76	141	66	30	136
* DOWNBOUND	78	80	17	103	47	123	53	43	64
* TOTAL	154	76	21	234	63	264	60	36	200
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	0	0	0	0	0	0	0	0	0
* DOWNBOUND	9	100	0	0	0	2	50	50	0
* TOTAL	9	100	0	0	0	2	50	50	0
*>>>> PERCENT CHANGE <<<<<<	-94%	-92%	-100%	-100%	-100%	-99%	-99%	98%	-100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	747	96	2	133	75	563	17	79	138
* DOWNBOUND	776	96	2	105	46	574	13	83	65
* TOTAL	1523	96	2	238	62	1137	15	81	203
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	24	100	0	0	0	23	0	95	0
* DOWNBOUND	32	96	0	0	0	19	10	89	0
* TOTAL	56	98	0	0	0	42	4	92	0
*>>>> PERCENT CHANGE <<<<<<	-96%	-96%	-100%	-100%	-100%	-96%	-98%	-95%	-100%

*(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	23	10.4	7.2	239.5	19.0	3.5
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.0	683.0
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	23	10.4	6.4	239.5	19.0	3.2
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.6	102.1

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 APR MAY JUN JUL AUG SEP OCT

GUNTERSVILLE LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	322	56	42 *	944	65	314	58	39 *	895	*
* DOWNBOUND	336	57	40 *	921	56	328	57	41 *	701	*
* TOTAL	658	57	41 *	1865	60	642	58	40 *	1596	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	357	55	43 *	1118	83	349	63	35 *	1370	*
* DOWNBOUND	379	56	40 *	1004	35	340	62	36 *	472	*
* TOTAL	736	56	41 *	2122	60	689	62	35 *	1842	*

*>>>> PERCENT CHANGE <<<<<<	11%	9%	12% *	13%	14%	7%	16%	-4% *	15%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	2663	79	20 *	3874	71	1603	47	51 *	4049	*
* DOWNBOUND	2632	78	20 *	3933	44	1653	46	51 *	2350	*
* TOTAL	5295	78	20 *	7807	57	3256	46	51 *	6399	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	3448	81	18 *	4672	74	1967	44	53 *	4901	*
* DOWNBOUND	3429	81	18 *	4536	38	2003	43	55 *	2335	*
* TOTAL	6877	81	18 *	9208	56	3970	44	54 *	7236	*

*>>>> PERCENT CHANGE <<<<<<	29%	33%	15% *	17%	15%	21%	14%	29% *	13%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
* F O U R T H Q U A R T E R		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSL	*

*PREVIOUS QTR 10/85 THRU 12/85	63		1.2		.2	78.9	24.0		3.2	*
*CURRENT QTR 10/86 THRU 12/86	79		1.0		.2	85.0	11.0		4.2	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	305		.9		.2	296.2	24.0		2.8	*
*CURRENT YEAR 1/86 THRU 12/86	402		1.0		.3	410.9	11.0		1.8	*

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	26	100	0	0	0	25	0	100	0
* DOWNBOUND	20	100	0	0	0	19	0	100	0
* TOTAL	46	100	0	0	0	44	0	100	0
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	7	100	0	0	0	5	0	100	0
* DOWNBOUND	19	100	0	0	0	15	0	93	0
* TOTAL	26	100	0	0	0	20	0	95	0
*>>>> PERCENT CHANGE <<<<<<	-43%	-43%	0%	0%	0%	-54%	0%	-56%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	416	99	0	0	0	250	0	98	0
* DOWNBOUND	412	99	0	0	0	246	0	97	0
* TOTAL	828	99	0	0	0	496	0	97	0
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	117	98	1	2	50	92	2	96	0
* DOWNBOUND	111	100	0	0	0	89	0	96	0
* TOTAL	228	99	0	2	50	181	1	96	0
*>>>> PERCENT CHANGE <<<<<<	-72%	-72%	0%	0%	0%	-63%	0%	-63%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	1.1	26.3			
*CURRENT YEAR 1/86 THRU 12/86	1	.5	.2	.5	.5	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUL AUG SEP

NICKAJAC LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTH	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTH	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	293	42	53	* 1018	59	* 279	71	27	* 816	*
* DOWNBOUND	312	45	49	* 1000	51	* 290	72	26	* 712	*
* TOTAL	605	44	51	* 2018	55	* 569	72	27	* 1528	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	321	41	54	* 979	75	* 297	76	22	* 1017	*
* DOWNBOUND	336	44	47	* 901	40	* 297	72	26	* 498	*
* TOTAL	657	43	51	* 1880	58	* 594	74	24	* 1515	*

*>>>> PERCENT CHANGE <<<<<<	8%	5%	9%	* -6%	-0%	* 4%	7%	-4%	* -0%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1138	42	54	* 4025	64	* 1107	71	27	* 3497	*
* DOWNBOUND	1157	43	52	* 4090	44	* 1150	70	27	* 2497	*
* TOTAL	2295	43	53	* 8115	53	* 2257	70	27	* 5994	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1314	43	51	* 4085	67	* 1253	70	27	* 3655	*
* DOWNBOUND	1322	44	50	* 4003	44	* 1244	69	29	* 2440	*
* TOTAL	2636	43	50	* 8088	55	* 2497	69	28	* 6095	*

*>>>> PERCENT CHANGE <<<<<<	14%	17%	8%	* -0%	3%	* 10%	9%	13%	* 1%	*

* (ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	76		.8	.2		65.4	3.0	1.7		*
*CURRENT QTR 10/86 THRU 12/86	96		.8	.2		82.8	3.4	1.9		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	237		.7	.1		188.1	3.0	2.4		*
*CURRENT YEAR 1/86 THRU 12/86	350		.7	.1		262.6	3.4	2.5		*

CHICKAMAUGA LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT												

* F O U R T H Q U A R T E R												

*PREVIOUS QTR 10/85 THRU 12/85												

* UPBOUND												

* DOWNBOUND												

* TOTAL												

*CURRENT QTR 10/86 THRU 12/86												

* UPBOUND												

* DOWNBOUND												

* TOTAL												

*>>>> PERCENT CHANGE <<<<<<												

* Y E A R T O D A T E												

*PREVIOUS YEAR 1/85 THRU 12/85												

* UPBOUND												

* DOWNBOUND												

* TOTAL												

*CURRENT YEAR 1/86 THRU 12/86												

* UPBOUND												

* DOWNBOUND												

* TOTAL												

*>>>> PERCENT CHANGE <<<<<<												

*(ALL TIMES EXPRESSED IN HOURS)												

* F O U R T H Q U A R T E R												

*PREVIOUS QTR 10/85 THRU 12/85												

*CURRENT QTR 10/86 THRU 12/86												

* Y E A R T O D A T E												

*PREVIOUS YEAR 1/85 THRU 12/85												

*CURRENT YEAR 1/86 THRU 12/86												

	VESEL	VESEL	VESEL*	BARGES	BARGES	*	LCKGES	LCKGES	LCKGES	*	TONNAGE	*
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	*	TOTAL	COMMER	RECRTN	*	KTONS	*
		(%)	(%) *		(%)	*		(%)	(%)	*		*
	636	87	12 *	314	66	*	473	67	32	*	299	*
	637	87	11 *	310	48	*	501	64	34	*	212	*
	1273	87	11 *	624	57	*	974	65	33	*	511	*
	500	85	14 *	359	75	*	510	70	28	*	380	*
	519	86	11 *	329	49	*	542	63	35	*	223	*
	1019	86	12 *	688	63	*	1052	67	32	*	603	*
	-19%	-21%	-12% *	10%	20%	*	8%	9%	5%	*	18%	*
	2582	89	9 *	1191	71	*	2116	57	41	*	1221	*
	2588	89	9 *	1202	37	*	2179	56	42	*	631	*
	5170	89	9 *	2393	54	*	4295	56	41	*	1552	*
	3021	90	9 *	1346	70	*	2351	57	41	*	1262	*
	3080	90	8 *	1307	49	*	2426	54	44	*	884	*
	6101	90	8 *	2653	59	*	4777	56	42	*	2146	*
	18%	19%	6% *	10%	21%	*	11%	9%	14%	*	15%	*
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL						
	TOWS	OF	OF	TIME	MAX	OF						
		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs						
	47	2.5	.8	121.9	7.2	2.1						
	47	3.6	1.3	173.0	13.9	3.0						
	174	2.8	.9	494.9	14.4	3.3						
	203	2.9	1.1	608.9	13.9	2.1						

WATTS BAR LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTM (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	217	76	22	176	35	302	59	37	120
* DOWNBOUND	214	76	22	175	81	307	59	37	198
* TOTAL	431	76	22	351	58	609	59	37	318
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	184	71	28	214	52	307	70	26	180
* DOWNBOUND	189	72	24	201	79	317	64	30	213
* TOTAL	373	71	26	415	65	624	67	28	393
*>>>> PERCENT CHANGE <<<<<<	-13%	-19%	0%	18%	33%	2%	15%	-21%	23%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1198	85	13	608	44	1335	46	50	478
* DOWNBOUND	1173	85	13	611	71	1346	46	50	601
* TOTAL	2371	85	13	1219	58	2681	46	50	1079
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1293	84	14	818	41	1470	54	43	536
* DOWNBOUND	1278	84	14	793	77	1463	52	44	820
* TOTAL	2571	84	14	1611	59	2933	53	44	1356
*>>>> PERCENT CHANGE <<<<<<	8%	7%	15%	32%	34%	9%	26%	-3%	25%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VLSL			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	18	2.2	.4	40.5	6.7	1.3			
*CURRENT QTR 10/86 THRU 12/86	27	2.7	.7	73.2	6.6	5.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	78	1.8	.4	143.3	10.0	5.2			
*CURRENT YEAP 1/86 THRU 12/86	88	1.9	.4	169.8	11.6	5.9			

* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)	* TOTAL	(%)	* TOTAL	(%)	(%)	* TOTAL
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	162	79	19	* 69	82	* 152	52	45	* 112
* DOWNBOUND	161	78	19	* 74	37	* 155	53	44	* 37
* TOTAL	323	78	19	* 143	59	* 307	53	44	* 149
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	133	72	27	* 77	83	* 159	54	42	* 115
* DOWNBOUND	153	75	20	* 62	50	* 168	45	51	* 43
* TOTAL	286	74	23	* 139	68	* 327	50	47	* 158
*>>>> PERCENT CHANGE <<<<<<	-11%	-16%	4%	* -2%	11%	* 6%	0%	12%	* 6%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	835	84	14	* 288	84	* 751	42	54	* 424
* DOWNBOUND	840	84	14	* 303	35	* 791	41	56	* 142
* TOTAL	1675	84	14	* 591	59	* 1542	41	55	* 566
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	848	84	14	* 276	81	* 820	36	59	* 375
* DOWNBOUND	898	85	12	* 258	43	* 824	34	61	* 156
* TOTAL	1746	84	13	* 534	63	* 1644	35	60	* 531
*>>>> PERCENT CHANGE <<<<<<	4%	5%	0%	* -9%	-3%	* 6%	-9%	15%	* -6%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	9	.8	.1	7.8	2.7	1.2			
*CURRENT QTR 10/86 THRU 12/86	11	1.3	.2	14.8	5.0	2.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	39	.8	.1	32.3	4.5	1.9			
*CURRENT YEAR 1/86 THRU 12/86	44	1.1	.2	51.9	5.0	2.1			

LOCK & DAM 2
 ALLEGHENY RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*			*			*	*
* UPBOUND	421	47	49	*	637	40	*	467	72	27	* 306
* DOWNBOUND	419	46	49	*	657	57	*	466	75	24	* 213
* TOTAL	840	47	49	*	1294	49	*	933	73	25	* 519
*CURRENT QTR 10/86 THRU 12/86				*			*			*	*
* UPBOUND	398	43	51	*	700	48	*	446	78	21	* 375
* DOWNBOUND	385	42	53	*	673	49	*	436	77	21	* 160
* TOTAL	783	42	52	*	1373	49	*	882	78	21	* 535

*>>>> PERCENT CHANGE <<<<<<	-6%	-15%	-0%	*	6%	5%	*	-5%	0%	-20%	* 3%

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85				*			*			*	*
* UPBOUND	5491	81	17	*	2879	44	*	3295	46	53	* 1443
* DOWNBOUND	5687	80	16	*	2878	55	*	3230	46	52	* 890
* TOTAL	11178	81	16	*	5757	49	*	6525	46	53	* 2333
*CURRENT YEAR 1/86 THRU 12/86				*			*			*	*
* UPBOUND	5330	82	16	*	2754	45	*	3095	45	53	* 1393
* DOWNBOUND	5387	82	15	*	2651	52	*	3066	44	54	* 678
* TOTAL	10717	82	16	*	5405	49	*	6161	45	54	* 2071

*>>>> PERCENT CHANGE <<<<<<	-4%	-2%	-7%	*	-6%	-6%	*	-5%	-8%	-3%	* -11%

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VLSL	*				

*PREVIOUS QTR 10/85 THRU 12/85	113	.8	.2	94.6	11.0	6.9	*				
*CURRENT QTR 10/86 THRU 12/86	113	.7	.2	89.2	6.2	214.3	*				

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	609	.6	.2	373.6	11.0	3.9	*				
*CURRENT YEAR 1/86 THRU 12/86	497	.5	.1	272.9	10.1	72.6	*				

LOCK & DAM 3
 ALLEGHENY RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	319	28	66	653	39	414	83	15	323
DOWNBOUND	333	30	63	665	57	419	84	14	211
TOTAL	652	29	64	1318	48	833	84	14	534
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	308	24	68	711	49	404	86	13	389
DOWNBOUND	315	28	66	669	48	391	85	13	154
TOTAL	623	26	67	1380	49	795	86	13	543
*>>>> PERCENT CHANGE <<<<<<	-4%	-15%	-0%	4%	5%	-4%	-2%	-14%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	3118	67	30	2902	44	2524	60	39	1502
DOWNBOUND	3100	67	30	2930	54	2483	61	38	885
TOTAL	6218	67	30	5832	49	5007	60	38	2387
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	2924	68	28	2755	45	2336	58	41	1427
DOWNBOUND	2956	68	28	2691	51	2293	58	40	679
TOTAL	5880	68	28	5446	48	4629	58	40	2106
*>>>> PERCENT CHANGE <<<<<<	-5%	-3%	-9%	-6%	-7%	-7%	-11%	-1%	-11%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	106	.8	.2	87.9	3.9	1.9			
*CURRENT QTR 10/86 THRU 12/86	101	.7	.1	71.9	3.5	40.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	515	.7	.1	374.7	4.4	2.5			
*CURRENT YEAR 1/86 THRU 12/86	410	.5	.1	228.9	3.8	20.4			

LOCK & DAM 4
 ALLEGHENY RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT		VESSEL	VESSEL	VESSEL	* BARGES	* BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R		TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
			(%)	(%)	* (%)	* (%)	* (%)	(%)	(%)	* (%)

* PREVIOUS	QTR 10/85 THRU 12/85				*		*			*
*	UPBOUND	345	24	67	* 763	13	* 391	85	14	* 129
*	DOWNBOUND	357	27	68	* 780	87	* 393	84	15	* 337
*	TOTAL	702	26	68	* 1543	50	* 784	84	15	* 466
* CURRENT	QTR 10/86 THRU 12/86				*		*			*
*	UPBOUND	360	27	68	* 839	12	* 378	86	12	* 120
*	DOWNBOUND	377	30	65	* 844	84	* 381	85	13	* 316
*	TOTAL	737	28	66	* 1683	48	* 759	86	13	* 436

* >>>>	PERCENT CHANGE <<<<<	4%	16%	3%	* 9%	4%	* -3%	-1%	-14%	* -6%

* Y E A R T O D A T E										

* PREVIOUS YEAR	1/85 THRU 12/85				*		*			*
*	UPBOUND	3395	68	26	* 2981	13	* 2356	54	44	* 558
*	DOWNBOUND	3207	69	28	* 3018	86	* 2292	56	42	* 1344
*	TOTAL	6602	68	27	* 5999	50	* 4648	55	43	* 1902
* CURRENT YEAR	1/86 THRU 12/86				*		*			*
*	UPBOUND	2919	70	27	* 2705	15	* 2043	55	44	* 550
*	DOWNBOUND	2855	69	27	* 2695	83	* 1962	58	40	* 1009
*	TOTAL	5774	70	27	* 5400	49	* 4005	56	42	* 1559

* >>>>	PERCENT CHANGE <<<<<	-12%	-10%	-12%	* -9%	-11%	* -13%	-12%	-16%	* -18%

*(ALL TIMES EXPRESSED IN HOURS)										
		DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R		TOWS	OF	OF	TIME	MAX	OF			
			DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs		

* PREVIOUS	QTR 10/85 THRU 12/85	96	.5	.1	48.4	2.5	.0			
* CURRENT	QTR 10/86 THRU 12/86	59	.3	.0	21.1	2.2	1.7			

* Y E A R T O D A T E										

* PREVIOUS YEAR	1/85 THRU 12/85	408	.4	.1	198.3	10.0	3.0			
* CURRENT YEAR	1/86 THRU 12/86	291	.3	.0	106.9	4.4	4.6			

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85				*	*	*			*
* UPBOUND	257	29	68	* 632	2	* 256	76	23	* 8
* DOWNBOUND	262	29	69	* 645	96	* 250	78	21	* 268
* TOTAL	519	29	68	* 1277	49	* 506	77	22	* 276
*CURRENT QTR 10/86 THRU 12/86				*	*	*			*
* UPBOUND	178	28	62	* 316	9	* 167	80	18	* 17
* DOWNBOUND	189	32	56	* 320	85	* 176	77	21	* 120
* TOTAL	367	30	59	* 636	47	* 343	79	19	* 137
*>>>> PERCENT CHANGE <<<<<<	-29%	-26%	-38%	* -50%	-52%	* -32%	-30%	-39%	* -50%
* Y E A R T O D A T E				*	*	*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*	*	*			*
* UPBOUND	2012	68	31	* 2465	0	* 1528	46	52	* 11
* DOWNBOUND	2026	68	30	* 2470	97	* 1491	48	50	* 1047
* TOTAL	4038	68	31	* 4935	49	* 3019	47	51	* 1058
*CURRENT YEAR 1/86 THRU 12/86				*	*	*			*
* UPBOUND	1512	68	28	* 1423	5	* 1132	45	53	* 78
* DOWNBOUND	1522	68	27	* 1407	92	* 1129	47	51	* 567
* TOTAL	3034	68	28	* 2830	48	* 2261	46	52	* 645
*>>>> PERCENT CHANGE <<<<<<	-24%	-24%	-31%	* -42%	-43%	* -25%	-27%	-23%	* -39%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF		AVG DELAY OF		TOTAL DELAY TIME	DELAY MAX	AVG STALL OF	
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	
*PREVIOUS QTR 10/85 THRU 12/85	39	.1		.0		4.5	.2	79.5	
*CURRENT QTR 10/86 THRU 12/86	12	.1		.0		1.9	.3	69.4	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	179	.1		.0		23.8	.9	79.5	
*CURRENT YEAR 1/86 THRU 12/86	132	.1		.0		22.5	1.6	66.7	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 6
 ALLEGHENY RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R	(%)	(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*	

*PREVIOUS QTR 10/85 THRU 12/85	*										
* UPBOUND	224	19	75	* 560	1	* 214	86	12	* 5	*	
* DOWNBOUND	225	19	78	* 574	93	* 212	88	11	* 228	*	
* TOTAL	449	19	77	* 1134	48	* 426	87	11	* 233	*	
*CURRENT QTR 10/86 THRU 12/86	*										
* UPBOUND	69	72	18	* 19	31	* 62	33	64	* 7	*	
* DOWNBOUND	76	75	15	* 20	15	* 65	32	66	* 2	*	
* TOTAL	145	73	17	* 39	23	* 127	33	65	* 9	*	

*>>>> PERCENT CHANGE <<<<<	-67%	21%	-92%	* -96%	-98%	* -70%	-88%	62%	* -96%	*	

* Y E A R T O D A T E	*										
-----	*										
*PREVIOUS YEAR 1/85 THRU 12/85	*										
* UPBOUND	1291	50	47	* 2272	1	* 1171	59	39	* 14	*	
* DOWNBOUND	1289	50	47	* 2300	96	* 1164	60	38	* 954	*	
* TOTAL	2580	50	47	* 4572	48	* 2335	60	39	* 968	*	
*CURRENT YEAR 1/86 THRU 12/86	*										
* UPBOUND	709	86	11	* 157	28	* 548	20	77	* 60	*	
* DOWNBOUND	726	86	10	* 148	55	* 534	20	77	* 46	*	
* TOTAL	1435	86	11	* 305	41	* 1082	20	77	* 106	*	

*>>>> PERCENT CHANGE <<<<<	-44%	-4%	-86%	* -93%	-94%	* -53%	-84%	-8%	* -89%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
-----	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF	*				
-----	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				
*PREVIOUS QTR 10/85 THRU 12/85	29	.1	.0	4.5	.3	80.0	*				
*CURRENT QTR 10/86 THRU 12/86	1	.2	.0	.2	.3	.0	*				

* Y E A R T O D A T E	*										
-----	*										
*PREVIOUS YEAR 1/85 THRU 12/85	151	.2	.0	32.7	2.0	9.7	*				
*CURRENT YEAR 1/86 THRU 12/86	20	.2	.0	4.7	.9	1.1	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 7
 ALLEGHENY RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	60	75	20	18	11	43	37	60	2
* DOWNBOUND	54	72	25	27	66	42	40	59	7
* TOTAL	114	73	22	45	44	85	38	60	9
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	45	68	22	14	35	44	38	59	6
* DOWNBOUND	51	70	21	18	16	44	40	56	2
* TOTAL	96	69	21	32	25	88	39	57	8
*>>>> PERCENT CHANGE <<<<<<	-15%	-20%	-19%	-28%	-60%	3%	6%	0%	-11%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	699	91	7	117	1	443	15	83	2
* DOWNBOUND	695	91	7	121	86	467	14	83	57
* TOTAL	1394	91	7	238	44	910	15	83	59
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	647	87	11	143	29	423	23	74	60
* DOWNBOUND	665	86	11	137	59	440	22	75	46
* TOTAL	1312	86	11	280	44	863	23	74	106
*>>>> PERCENT CHANGE <<<<<<	-5%	-10%	52%	17%	15%	-5%	45%	-14%	79%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	2	.1		.0		.2	.3	81.0	
*CURRENT QTR 10/86 THRU 12/86	1	.3		.0		.3	.3	.0	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	12	.2		.0		2.7	.8	81.0	
*CURRENT YEAR 1/86 THRU 12/86	10	.1		.0		1.6	.3	.0	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 8
 ALLEGHENY RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	127	20	77	98	0	128	82	16	0
* DOWNBOUND	132	21	78	103	98	129	84	15	161
* TOTAL	259	20	77	201	50	257	83	15	161
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	132	16	80	106	0	133	86	12	0
* DOWNBOUND	144	23	75	108	99	134	85	13	173
* TOTAL	276	20	77	214	50	267	86	13	173
*>>> PERCENT CHANGE <<<<<	6%	3%	6%	6%	5%	3%	6%	-14%	7%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	948	59	38	369	0	748	51	47	0
* DOWNBOUND	957	59	38	372	99	760	51	48	585
* TOTAL	1905	59	38	741	49	1508	51	48	585
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	819	67	32	265	0	581	47	52	1
* DOWNBOUND	827	67	32	266	98	596	46	53	420
* TOTAL	1646	67	32	531	49	1177	46	52	421
*>>> PERCENT CHANGE <<<<<	-13%	-2%	-28%	-28%	-28%	-21%	-28%	-14%	-28%

(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELATED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
* F O U R T H Q U A R T E R						
*PREVIOUS QTR 10/85 THRU 12/85	6	.1	.0	.9	.3	3.8
*CURRENT QTR 10/86 THRU 12/86	3	.1	.0	.5	.3	25.0
* Y E A R T O D A T E						
*PREVIOUS YEAR 1/85 THRU 12/85	23	.1	.0	3.5	.5	3.8
*CURRENT YEAR 1/86 THRU 12/86	12	.1	.0	2.2	.3	64.2

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR

LOCK & DAM 9
 ALLEGHENY RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
		(%)	(%)		(%)		(%)	(%)		*	

*PREVIOUS QTR 10/85 THRU 12/85	*										
UPBOUND	23	100	0	0	0	24	20	79	0	*	
DOWNBOUND	30	100	0	0	0	23	21	78	0	*	
TOTAL	53	100	0	0	0	47	21	78	0	*	
*CURRENT QTR 10/86 THRU 12/86	*										
UPBOUND	15	100	0	0	0	16	31	68	0	*	
DOWNBOUND	18	100	0	0	0	17	29	70	0	*	
TOTAL	33	100	0	0	0	33	30	69	0	*	

*>>>> PERCENT CHANGE <<<<<<	-37%	-37%	0%	0%	0%	-29%	0%	37%	0%	*	

* Y E A R T O D A T E	*										
*PREVIOUS YEAR 1/85 THRU 12/85	*										
UPBOUND	542	100	0	0	0	304	1	98	0	*	
DOWNBOUND	535	100	0	0	0	310	1	98	0	*	
TOTAL	1077	100	0	0	0	614	1	98	0	*	
*CURRENT YEAR 1/86 THRU 12/86	*										
UPBOUND	476	100	0	0	0	268	2	97	0	*	
DOWNBOUND	499	100	0	0	0	275	2	97	0	*	
TOTAL	975	100	0	0	0	543	2	97	0	*	

*>>>> PERCENT CHANGE <<<<<<	-9%	-9%	0%	0%	0%	-11%	40%	-12%	0%	*	

*(ALL TIMES EXPRESSED IN HOURS)	*										
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
		DELAYED	ALL	(TOWS)	(ALL VSL)	STALLED	*				
		TOWS	TOWS			VSL	*				
							*				
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.1	.0	*				
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.3	.0	*				

* Y E A R T O D A T E	*										
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.2	.0	*				
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.3	.0	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR NOV DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR NOV DEC

LOCK & DAM 2
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	479	1	92	* 2440	35	* 481	98	1	* 1099	*
* DOWNBOUND	461	1	91	* 2377	78	* 476	97	1	* 2035	*
* TOTAL	940	1	92	* 4817	56	* 957	97	1	* 3134	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	374	0	99	* 2332	21	* 394	100	0	* 616	*
* DOWNBOUND	404	0	100	* 2532	85	* 425	100	0	* 2337	*
* TOTAL	778	0	99	* 4864	54	* 819	100	0	* 2953	*

*>>>> PERCENT CHANGE <<<<<<	-17%	-100%	-10%	* 0%	-2%	* -14%	-12%	-100%	* -5%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1826	0	97	* 11140	36	* 1954	99	0	* 5315	*
* DOWNBOUND	1823	0	97	* 11238	76	* 1952	99	0	* 9018	*
* TOTAL	3649	0	97	* 22378	56	* 3906	99	0	* 14333	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1772	0	98	* 11512	28	* 1897	99	0	* 4119	*
* DOWNBOUND	1823	0	99	* 11815	83	* 1967	99	0	* 10772	*
* TOTAL	3595	0	98	* 23327	56	* 3864	99	0	* 14891	*

*>>>> PERCENT CHANGE <<<<<<	-1%	17%	-0%	* 4%	3%	* -1%	-0%	-53%	* 3%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
*-----		DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85	300		.6		.2	189.3	10.0		25.7	*
*CURRENT QTR 10/86 THRU 12/86	201		.6		.1	128.5	3.0		.0	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1200		.7		.2	913.4	10.0		18.2	*
*CURRENT YEAR 1/86 THRU 12/86	1124		.7		.2	876.5	6.8		10.4	*

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	
* UPBOUND	169	30	48 *	127	77 *	167	70	27 *	75 *	
* DOWNBOUND	173	27	46 *	115	22 *	170	74	22 *	29 *	
* TOTAL	342	28	47 *	242	51 *	337	72	25 *	104 *	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	
* UPBOUND	269	20	62 *	259	63 *	265	81	17 *	144 *	
* DOWNBOUND	239	23	54 *	187	18 *	235	79	19 *	40 *	
* TOTAL	508	21	58 *	446	44 *	500	80	18 *	184 *	

*>>> PERCENT CHANGE <<<<<	48%	12%	83% *	84%	59% *	48%	64%	8% *	76% *	

* Y E A R T O D A T E				*		*			*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	
* UPBOUND	1750	50	33 *	1151	52 *	1503	62	36 *	509 *	
* DOWNBOUND	1705	51	30 *	1018	44 *	1492	63	35 *	482 *	
* TOTAL	3455	51	32 *	2169	48 *	2995	62	36 *	991 *	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	
* UPBOUND	1949	57	31 *	1142	54 *	1608	57	40 *	546 *	
* DOWNBOUND	1885	59	27 *	1025	41 *	1550	57	41 *	452 *	
* TOTAL	3834	58	29 *	2167	48 *	3158	57	41 *	998 *	

*>>> PERCENT CHANGE <<<<<	10%	26%	2% *	-0%	-0% *	5%	-3%	20% *	0% *	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	13	.2	.0	3.4	.7	96.7				
*CURRENT QTR 10/86 THRU 12/86	28	.2	.0	7.3	1.6	.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	226	2.2	.4	497.5	14.8	33.3				
*CURRENT YEAR 1/86 THRU 12/86	218	1.5	.2	341.4	8.9	24.3				

LOCK & DAM 3
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
* F O U R T H Q U A R T E R	TOTAL	RECR TN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECR TN	* KTONS	*
		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	616	0	95	* 2918	11	* 608	99	0	* 395	*
* DOWNBOUND	639	0	95	* 2896	91	* 634	99	0	* 2719	*
* TOTAL	1255	0	95	* 5814	51	* 1242	99	0	* 3114	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	582	0	98	* 2834	14	* 575	99	0	* 494	*
* DOWNBOUND	626	0	99	* 2944	92	* 625	99	0	* 2862	*
* TOTAL	1208	0	99	* 5778	54	* 1200	99	0	* 3356	*

*>>>> PERCENT CHANGE <<<<<<	-3%	200%	0%	* -0%	4%	* -3%	-3%	0%	* 7%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2831	0	96	* 13826	12	* 2789	99	0	* 2034	*
* DOWNBOUND	2904	0	97	* 13889	92	* 2874	99	0	* 12988	*
* TOTAL	5735	0	97	* 27715	52	* 5663	99	0	* 15022	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3010	0	98	* 14506	14	* 2972	99	0	* 2449	*
* DOWNBOUND	3136	0	98	* 14563	92	* 3115	99	0	* 14177	*
* TOTAL	6146	0	98	* 29069	53	* 6087	99	0	* 16626	*

*>>>> PERCENT CHANGE <<<<<<	7%	-54%	8%	* 4%	6%	* 7%	7%	-50%	* 10%	*

* (ALL TIMES EXPRESSED IN HOURS)										*
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
	TOWS	OF	OF	TIME	MAX	OF				*
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				*
*PREVIOUS QTR 10/85 THRU 12/85	487	.6	.2	305.2	3.0	45.2				*
*CURRENT QTR 10/86 THRU 12/86	377	.4	.1	185.4	1.7	.0				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	2402	.6	.2	1481.4	11.2	29.4				*
*CURRENT YEAR 1/86 THRU 12/86	2565	.5	.2	1521.0	3.8	22.2				*

LOCK & DAM 3 AUXILIARY 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	238	11	30	100	38	233	87	11	37
* DOWNBOUND	221	13	41	151	65	216	86	11	101
* TOTAL	459	12	35	251	54	449	87	11	138
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	318	11	33	180	35	317	88	11	68
* DOWNBOUND	282	15	41	184	55	278	85	14	108
* TOTAL	600	13	37	364	45	595	86	12	176
*>>>> PERCENT CHANGE <<<<<<	30%	42%	38%	45%	20%	32%	31%	45%	27%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1885	36	32	1397	20	1594	72	26	309
* DOWNBOUND	1789	37	32	1331	78	1516	71	27	1071
* TOTAL	3674	37	32	2728	48	3110	72	27	1380
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2141	40	23	904	29	1813	69	30	294
* DOWNBOUND	2009	44	25	854	65	1691	65	33	593
* TOTAL	4150	42	24	1758	47	3504	67	31	887
*>>>> PERCENT CHANGE <<<<<<	12%	29%	-13%	-35%	-37%	12%	5%	32%	-35%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	19	.2	.0	4.1	.6	109.0			
*CURRENT QTR 10/86 THRU 12/86	18	.3	.0	5.4	.7	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	290	.6	.1	193.5	5.1	24.4			
*CURRENT YEAR 1/86 THRU 12/86	167	.3	.0	65.1	2.5	41.8			

LOCK & DAM 4
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	443	0	98	2438	8	467	99	0	208
* DOWNBOUND	439	0	98	2396	95	494	99	0	2427
* TOTAL	882	0	98	4834	51	961	99	0	2635
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	499	0	98	2835	10	553	100	0	319
* DOWNBOUND	557	0	99	2975	95	624	99	0	3056
* TOTAL	1056	0	99	5810	53	1177	99	0	3375
*>>>> PERCENT CHANGE <<<<<<	19%	0%	20%	20%	26%	22%	22%	0%	28%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2246	3	94	12160	9	2335	97	1	1244
* DOWNBOUND	2319	3	95	12286	94	2459	97	1	11899
* TOTAL	4565	3	95	24446	52	4794	97	1	13143
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2363	0	99	13574	10	2613	99	0	1466
* DOWNBOUND	2507	0	99	13723	95	2792	99	0	14224
* TOTAL	4870	0	99	27297	53	5405	99	0	15690
*>>>> PERCENT CHANGE <<<<<<	6%	-99%	11%	11%	12%	12%	15%	-100%	19%
* (ALL TIMES EXPRESSED IN HOURS)									
* DELAYED TOWS		AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	342	.8	.3	277.3	3.8	17.4			
*CURRENT QTR 10/86 THRU 12/86	345	.6	.2	227.7	3.6	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1782	.8	.3	1481.2	12.9	2.6			
*CURRENT YEAR 1/86 THRU 12/86	1900	.7	.2	1358.8	4.3	12.7			

LOCK & DAM 4 AUXILIARY 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	103	27	36	64	15	107	71	25	10
* DOWNBOUND	115	26	24	47	61	117	73	22	31
* TOTAL	218	26	30	111	35	224	72	23	41
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	176	23	38	123	26	174	77	21	38
* DOWNBOUND	126	33	34	79	40	119	69	28	31
* TOTAL	302	27	36	202	32	293	74	24	69
*>>>> PERCENT CHANGE <<<<<	38%	44%	66%	81%	66%	30%	33%	33%	68%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	954	45	37	1292	16	1026	70	28	194
* DOWNBOUND	1132	46	26	1198	85	1041	69	29	1006
* TOTAL	2086	46	31	2490	49	2067	70	28	1200
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1357	61	17	496	25	1139	47	51	125
* DOWNBOUND	1240	65	15	390	51	1010	43	55	212
* TOTAL	2597	63	16	886	36	2149	45	53	337
*>>>> PERCENT CHANGE <<<<<	24%	72%	-35%	-64%	-73%	3%	-32%	92%	-71%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF TOWS	AVG DELAY OF TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	2	.3	.0	.7	1.0	31.6			
*CURRENT QTR 10/86 THRU 12/86	7	.2	.0	1.9	.7	1.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	278	6.4	2.7	1800.2	21.7	7.5			
*CURRENT YEAR 1/86 THRU 12/86	56	.6	.0	33.8	3.2	.8			

MAXWELL LOCK & DAM
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	360	10	88 *	1793	9	354	90	8 *	179	
* DOWNBOUND	192	16	80 *	822	95	178	90	8 *	803	
* TOTAL	552	12	85 *	2615	36	532	90	8 *	982	
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	520	13	84 *	2471	9	489	91	7 *	259	
* DOWNBOUND	167	32	67 *	617	90	136	82	15 *	579	
* TOTAL	687	18	80 *	3088	25	625	89	9 *	838	

*>>>> PERCENT CHANGE <<<<<<	24%	88%	17% *	18%	-16%	17%	16%	28% *	-14%	

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	2452	24	73 *	10355	9	2201	83	15 *	1031	
* DOWNBOUND	1215	49	47 *	3058	93	952	63	35 *	2887	
* TOTAL	3667	32	65 *	13413	28	3153	77	21 *	3918	
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	2427	25	73 *	10373	9	2160	83	15 *	1058	
* DOWNBOUND	1219	50	48 *	3306	92	943	63	35 *	3195	
* TOTAL	3646	33	65 *	13679	29	3103	77	21 *	4253	

*>>>> PERCENT CHANGE <<<<<<	-0%	1%	-1% *	1%	5%	-1%	-1%	-2% *	8%	

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*PREVIOUS QTR 10/85 THRU 12/85	102	.3	.0	37.5	1.5	46.9				
*CURRENT QTR 10/86 THRU 12/86	47	.4	.0	23.0	5.4	1.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	327	.2	.0	97.2	10.6	24.7				
*CURRENT YEAR 1/86 THRU 12/86	312	.3	.0	116.8	10.1	34.4				

MAXWELL LOCK & DAM AUX 1
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	74	29	68	302	5	63	82	17	16
* DOWNBOUND	248	14	84	1246	97	226	93	6	1245
* TOTAL	322	17	80	1548	79	289	91	8	1261
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	98	29	70	379	8	90	76	22	54
* DOWNBOUND	436	6	92	2288	96	425	95	4	2254
* TOTAL	534	10	88	2667	83	515	92	7	2288
*>>>> PERCENT CHANGE <<<<<<	65%	0%	81%	72%	81%	78%	80%	50%	81%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	45	56	42	2233	8	658	62	37	200
* DOWNBOUND	2189	24	74	9503	96	1908	85	13	9154
* TOTAL	3134	34	64	11736	79	2566	79	19	9354
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1234	55	43	3021	10	903	61	38	335
* DOWNBOUND	2484	28	69	10122	96	2140	82	17	10139
* TOTAL	3718	37	61	13143	76	3043	75	23	10474
*>>>> PERCENT CHANGE <<<<<<	18%	29%	12%	11%	7%	18%	12%	41%	11%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF		AVG DELAY OF		TOTAL DELAY TIME	DELAY MAX	AVG STALL OF	
* F O U R T H Q U A R T E R	TOWS	DELAYED	TOWS	ALL	TOWS	(TOWS)	(ALL VES)	STALLED	VES
*PREVIOUS QTR 10/85 THRU 12/85	25	2	1	1	1	4.4	7	95	1
*CURRENT QTR 10/86 THRU 12/86	31	2	1	1	1	8.5	7	1	1
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	206	2	1	1	1	12.3	7	12.5	1
*CURRENT YEAR 1/86 THRU 12/86	293	3	1	1	1	11.2	7	14.8	1

NO DATA REPORTED FOR THE FOLLOWING MONTHS OR PART OF

LOCK & DAM 7
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	405	3	89	1712	8	708	97	1	163
DOWNBOUND	393	3	89	1665	97	700	98	1	1642
TOTAL	798	3	89	3377	52	1408	97	1	1805
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	572	1	94	2659	9	1034	99	0	283
DOWNBOUND	573	1	95	2700	96	1057	99	0	2619
TOTAL	1145	1	94	5359	53	2091	99	0	2902
* >>>> PERCENT CHANGE <<<<<	43%	38%	52%	58%	61%	48%	50%	52%	60%
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	2331	5	88	9428	10	3985	97	2	1126
DOWNBOUND	2316	5	88	9358	94	4044	97	2	8705
TOTAL	4647	5	88	18786	52	8029	97	2	9831
* CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	2510	4	90	11052	10	4439	97	2	1262
DOWNBOUND	2520	4	89	11051	96	4534	97	2	10712
TOTAL	5030	4	90	22103	53	8973	97	2	11974
* >>>> PERCENT CHANGE <<<<<	8%	10%	10%	17%	19%	11%	12%	0%	21%
* (ALL TIMES EXPRESSED IN HOURS)									
	DE. AYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALL TOWS			
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85	423	1.1	1	503.6	7.9	12.4			
* CURRENT QTR 10/86 THRU 12/86	529	1.8	4	467.5	4.3	11.4			
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85	2958	1.0	4	2045.8	18.1	11.4			
* CURRENT YEAR 1/86 THRU 12/86	2389	1.9	5	2342.1	11.7	11.4			

POINT MARION LOCK & DAM
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	352	3	91	1456	9	621	98	1	159
* DOWNBOUND	347	2	89	1410	97	608	98	1	1388
* TOTAL	699	3	90	2866	52	1229	98	1	1547
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	500	1	94	2208	11	883	98	0	297
* DOWNBOUND	499	1	94	2237	96	906	99	0	2168
* TOTAL	999	1	94	4445	54	1789	99	0	2465
*>>> PERCENT CHANGE <<<<<	42%	-19%	49%	55%	58%	45%	46%	-37%	59%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2015	5	89	7936	12	3427	97	2	1133
* DOWNBOUND	2020	5	88	7902	93	3459	97	2	7246
* TOTAL	4035	5	88	15838	53	6886	97	2	8379
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2178	4	91	9266	12	3822	97	2	1277
* DOWNBOUND	2173	4	90	9258	95	3886	97	2	8947
* TOTAL	4351	4	90	18524	53	7708	97	2	10224
*>>> PERCENT CHANGE <<<<<	7%	-9%	10%	16%	19%	11%	12%	-6%	22%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS	AVG DELAY OF DELATED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	267	.6	.2	186.1	3.1	30.6			
*CURRENT QTR 10/86 THRU 12/86	328	.6	.2	216.1	2.9	.4			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1450	.9	.3	1312.7	38.8	3.3			
*CURRENT YEAR 1/86 THRU 12/86	1535	.7	.3	1207.2	20.7	1.3			

MORGANTOWN LOCK & DAM
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTH	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTH	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*	
*-----	*****										
*PREVIOUS QTR 10/85 THRU 12/85	*-----*										
* UPBOUND	99	10	77	* 304	0	* 99	89	9	* 0	*	
* DOWNBOUND	96	11	73	* 287	99	* 97	87	10	* 296	*	
* TOTAL	195	10	75	* 591	48	* 196	88	9	* 296	*	
*CURRENT QTR 10/86 THRU 12/86	*-----*										
* UPBOUND	145	4	77	* 452	0	* 148	93	4	* 2	*	
* DOWNBOUND	148	4	77	* 458	96	* 150	94	4	* 457	*	
* TOTAL	293	4	77	* 910	48	* 298	93	4	* 459	*	
*-----	*****										
*>>>> PERCENT CHANGE <<<<<<	50%	-33%	52%	* 53%	54%	* 52%	60%	-36%	* 55%	*	
*-----	*****										
* Y E A R T O D A T E	*-----*										
*-----	*****										
*PREVIOUS YEAR 1/85 THRU 12/85	*-----*										
* UPBOUND	621	37	54	* 1394	1	* 576	68	30	* 20	*	
* DOWNBOUND	623	37	52	* 1368	98	* 568	68	30	* 1368	*	
* TOTAL	1244	37	53	* 2762	49	* 1144	68	30	* 1388	*	
*CURRENT YEAR 1/86 THRU 12/86	*-----*										
* UPBOUND	758	27	60	* 1884	0	* 739	75	22	* 16	*	
* DOWNBOUND	759	26	62	* 1916	97	* 741	76	21	* 1929	*	
* TOTAL	1517	26	61	* 3800	49	* 1480	75	22	* 1945	*	
*-----	*****										
*>>>> PERCENT CHANGE <<<<<<	21%	-12%	39%	* 37%	39%	* 29%	43%	-6%	* 40%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*	
*-----		DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSL S	*	
*-----	*****										
*PREVIOUS QTR 10/85 THRU 12/85	2	.1	.0	.0	.0	.3	.2	2.4	.0	*	
*CURRENT QTR 10/86 THRU 12/86	8	.4	.0	.0	.0	3.3	.6	.0	.0	*	
*-----	*****										
* Y E A R T O D A T E	*-----*										
*-----	*****										
*PREVIOUS YEAR 1/85 THRU 12/85	15	.2	.0	.0	.0	3.5	.7	2.4	.0	*	
*CURRENT YEAR 1/86 THRU 12/86	23	.3	.0	.0	.0	7.1	3.5	2.3	.0	*	

HILDEBRAND LOCK & DAM
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	51	15	68	157	0	50	84	14	0
* DOWNBOUND	56	26	64	147	100	54	75	22	157
* TOTAL	107	21	66	304	48	104	79	18	157
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	62	12	74	225	0	65	83	7	0
* DOWNBOUND	66	18	72	220	98	67	82	10	235
* TOTAL	128	15	73	445	48	132	82	9	235
*>>>> PERCENT CHANGE <<<<<<	19%	-13%	32%	46%	47%	26%	31%	36%	49%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	344	34	56	754	1	324	68	29	14
* DOWNBOUND	340	35	55	725	97	316	68	29	765
* TOTAL	684	34	56	1479	48	640	68	29	779
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	370	33	57	942	1	367	66	26	12
* DOWNBOUND	379	34	58	947	98	367	67	25	1020
* TOTAL	749	34	57	1889	50	734	67	26	1032
*>>>> PERCENT CHANGE <<<<<<	9%	6%	12%	27%	31%	14%	12%	1%	32%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	5	.5	.0	2.5	.8	2.6			
*CURRENT QTR 10/86 THRU 12/86	4	.7	.0	3.1	2.0	1.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	24	.4	.0	10.4	1.1	3.0			
*CURRENT YEAR 1/86 THRU 12/86	18	.3	.0	6.4	2.0	1.1			

OPEKISKA LOCK & DAM
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	33	30	54	62	0	32	68	28	0
* DOWNBOUND	32	34	53	58	98	32	65	31	57
* TOTAL	65	32	53	120	47	64	67	29	57
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	50	12	72	97	3	57	78	10	3
* DOWNBOUND	48	12	70	83	97	55	78	10	84
* TOTAL	98	12	71	180	46	112	78	10	87
*>>>> PERCENT CHANGE <<<<<	50%	-42%	100%	50%	47%	75%	104%	-36%	52%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	315	68	25	218	3	273	35	58	9
* DOWNBOUND	327	70	23	204	94	283	33	60	200
* TOTAL	642	69	24	422	47	556	34	59	209
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	336	61	30	333	4	318	41	49	15
* DOWNBOUND	338	62	30	327	94	329	39	51	305
* TOTAL	674	62	30	660	48	647	40	50	320
*>>>> PERCENT CHANGE <<<<<	4%	6%	32%	56%	60%	16%	34%	1%	53%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL TIME			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	0	.5	0	0	0	0			
*CURRENT QTR 10/86 THRU 12/86	0	.7	0	0	0	0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	4	.1	0	.7	3	7			
*CURRENT YEAR 1/86 THRU 12/86	4	.1	0	.6	8	7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN

ENSWORTH LOCK & DAM
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

PAGE 184

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	502	0	94	2767	56	556	99	0	1910
DOWNBOUND	480	0	93	2674	60	538	98	0	1825
TOTAL	982	0	93	5441	58	1094	98	0	3735
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	458	0	98	2633	51	507	99	0	1559
DOWNBOUND	461	0	97	2790	59	515	99	0	1858
TOTAL	919	0	97	5423	55	1022	99	0	3417
* >>>> PERCENT CHANGE <<<<<	-6%	-83%	-2%	-0%	-4%	6%	5%	75%	8%
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	2172	2	93	12439	58	2397	98	0	8770
DOWNBOUND	2148	3	93	12342	57	2382	98	0	7880
TOTAL	4320	2	93	24781	58	4779	98	0	16650
* CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	2157	3	93	12735	52	2348	99	0	7793
DOWNBOUND	2105	1	95	12864	63	2349	99	0	9161
TOTAL	4262	2	94	25599	57	4697	99	0	16954
* >>>> PERCENT CHANGE <<<<<	1%	2%	0%	3%	2%	1%	1%	51%	1%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		
* F O U R T H Q U A R T E R	TOWS		OF	OF	TIME	MAX	OF		
			DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL		
* PREVIOUS QTR 10/85 THRU 12/85	374		9	3	340.7	5.4	1.3		
* CURRENT QTR 10/86 THRU 12/86	307		7	2	232.5	4.7	4.9		
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85	1692		9	4	1670.0	7.6	1.3		
* CURRENT YEAR 1/86 THRU 12/86	1585		9	3	1442.7	12.8	3.5		

EMSWORTH LOCK & DAM AUX 1
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

PAGE 185

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	219	20	51 *	153	60	235	82	14 *	96	*
* DOWNBOUND	272	24	44 *	174	25	284	77	18 *	48	*
* TOTAL	491	22	47 *	327	41	519	79	16 *	144	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	350	17	54 *	263	58	355	85	12 *	156	*
* DOWNBOUND	370	24	47 *	229	20	362	79	17 *	48	*
* TOTAL	720	20	50 *	492	40	717	82	14 *	204	*

*>>>> PERCENT CHANGE <<<<<<	46%	35%	55% *	50%	45% *	38%	42%	22% *	41%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	2264	63	22 *	709	54	1742	55	41 *	404	*
* DOWNBOUND	2323	62	22 *	736	24	1873	53	43 *	190	*
* TOTAL	4587	62	22 *	1445	38	3615	54	42 *	594	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	2649	63	22 *	851	59	1970	56	41 *	506	*
* DOWNBOUND	2679	63	21 *	843	20	2036	54	42 *	186	*
* TOTAL	5328	63	21 *	1694	40	4006	55	41 *	692	*

*>>>> PERCENT CHANGE <<<<<<	16%	16%	11% *	17%	20% *	10%	12%	8% *	16%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL'S				

*PREVIOUS QTR 10/85 THRU 12/85	16	.4	.0	6.6	.8	60.7				*
*CURRENT QTR 10/86 THRU 12/86	40	.2	.0	11.8	.7	26.0				*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	172	.2	.0	51.3	.9	37.0				*
*CURRENT YEAR 1/86 THRU 12/86	170	.5	.0	89.5	7.3	57.3				*

DASHIELDS LOCK & DAM
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	449	0	95	2932	60	517	99	0	2085
* DOWNBOUND	422	0	98	2891	55	493	99	0	1815
* TOTAL	871	0	97	5823	57	1010	99	0	3900
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	403	0	99	2713	58	461	99	0	1779
* DOWNBOUND	412	0	99	2871	53	473	100	0	1719
* TOTAL	815	0	99	5584	55	934	99	0	3498
* >>>> PERCENT CHANGE <<<<<	-6%	-100%	-4%	-4%	-7%	-7%	-7%	0%	-10%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1821	0	96	12453	61	2100	99	0	9141
* DOWNBOUND	1812	0	97	12479	54	2090	99	0	7541
* TOTAL	3633	0	97	24932	58	4190	99	0	16682
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1867	0	98	13425	56	2158	99	0	8889
* DOWNBOUND	1879	0	98	13526	58	2170	99	0	8860
* TOTAL	3746	0	98	26951	57	4328	99	0	17749
* >>>> PERCENT CHANGE <<<<<	3%	-60%	4%	8%	6%	3%	3%	0%	6%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* PREVIOUS QTR 10/85 THRU 12/85	312	.9	.3	305.1	5.0	14.6			
* CURRENT QTR 10/86 THRU 12/86	331	1.3	.5	456.6	21.1	34.7			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	1609	1.3	.5	2115.7	31.0	7.2			
* CURRENT YEAR 1/86 THRU 12/86	1618	1.1	.5	1854.9	21.1	9.1			

DASHIELDS LOCK & DAM AUX 1
 OHIO RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	212	16	53	148	38	212	86	12	61
* DOWNBOUND	249	18	41	138	52	245	84	15	69
* TOTAL	461	17	46	286	45	457	85	14	130
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	315	14	56	437	54	417	89	9	269
* DOWNBOUND	306	15	52	405	40	400	88	9	181
* TOTAL	621	14	54	842	47	817	88	9	450
*>>>> PERCENT CHANGE <<<<<	34%	16%	57%	194%	211%	78%	86%	20%	246%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1845	51	31	1201	49	1776	65	33	664
* DOWNBOUND	1862	50	27	1124	48	1837	65	33	563
* TOTAL	3707	50	29	2325	48	3613	65	33	1227
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1966	59	23	909	48	1689	57	40	501
* DOWNBOUND	1924	58	23	826	41	1690	55	42	371
* TOTAL	3890	58	23	1735	44	3379	56	41	872
*>>>> PERCENT CHANGE <<<<<	4%	21%	-16%	-25%	-31%	-6%	-18%	16%	-28%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	23	.2	.0	6.5	10.0	9.4			
*CURRENT QTR 10/86 THRU 12/86	133	2.7	1.0	364.0	14.9	24.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	338	9.2	2.8	3114.8	46.3	5.3			
*CURRENT YEAR 1/86 THRU 12/86	235	2.0	.5	485.5	14.9	12.9			

MONTGOMERY LOCK & DAM
OHIO RIVER
#4 PITTSBURGH
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	475	0	93	3133	61	572	100	0	2439
* DOWNBOUND	464	0	93	3063	52	546	99	0	1839
* TOTAL	939	0	93	6196	57	1118	99	0	4278
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	580	0	89	3288	60	660	98	0	2433
* DOWNBOUND	591	1	89	3407	49	671	98	1	1904
* TOTAL	1171	1	89	6695	54	1331	98	0	4337
*>>>> PERCENT CHANGE <<<<<	24%	100%	18%	8%	3%	19%	17%	0%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1999	1	93	13429	63	2376	99	0	10728
* DOWNBOUND	1988	0	94	13423	51	2376	99	0	8041
* TOTAL	3987	1	94	26852	57	4752	99	0	18769
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2153	5	86	12907	59	2435	96	2	9604
* DOWNBOUND	2177	4	87	13143	52	2470	97	2	7983
* TOTAL	4330	5	86	26050	56	4905	97	2	17587
*>>>> PERCENT CHANGE <<<<<	8%	456%	-0%	-2%	-5%	3%	0%	612%	-6%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	426	1.2	.6	534.1	8.5	1.1			
*CURRENT QTR 10/86 THRU 12/86	613	1.7	1.0	1063.9	13.7	2.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1975	1.3	.7	2640.1	14.0	1.4			
*CURRENT YEAR 1/86 THRU 12/86	2378	2.3	1.4	5508.4	48.9	13.4			

MONTGOMERY LOCK & DAM AUX 1
 OHIO RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE ATONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	160	18	41	79	40	160	83	15	72
* DOWNBOUND	163	20	40	80	38	166	80	18	32
* TOTAL	323	19	40	159	39	326	81	16	64
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	95	36	32	36	44	87	70	26	18
* DOWNBOUND	73	28	36	34	38	70	77	18	14
* TOTAL	168	33	34	70	41	157	73	22	32
*>>>> PERCENT CHANGE <<<<<<	-47%	11%	56%	55%	-53%	-1%	56%	-34%	5%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1468	65	17	327	39	1073	49	49	131
* DOWNBOUND	1509	66	15	284	35	1102	47	51	111
* TOTAL	2977	65	16	611	37	2175	48	51	242
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	994	42	40	1969	53	1434	84	10	101
* DOWNBOUND	960	43	39	1887	57	1445	87	11	101
* TOTAL	1954	43	39	3856	55	2879	86	11	202
*>>>> PERCENT CHANGE <<<<<<	34%	50%	50%	531%	336%	32%	100%	47%	7%
* (ALL TIMES EXPRESSED IN HOURS)									
	FLAYED	AVG DELAY	AVG DELAY	AVG DELAY	AVG DELAY	AVG DELAY	AVG DELAY	AVG DELAY	AVG DELAY
* F O U R T H Q U A R T E R	TOWS	DELATED	NS	A	NS	NS	A	NS	NS
*PREVIOUS QTR 10/85 THRU 12/85	12	12	12	12	12	12	12	12	12
*CURRENT QTR 10/86 THRU 12/86	5	5	5	5	5	5	5	5	5
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	100	100	100	100	100	100	100	100	100
*CURRENT YEAR 1/86 THRU 12/86	50	50	50	50	50	50	50	50	50

NO DATA REPORTED FOR THE MONTH OF NOVEMBER 1986

NEW CUMBERLAND LOCK & DAM
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LOCKGES TOTAL	LOCKGES COMMER (%)	LOCKGES RECRTN (%)	* TONNAGE KTONS
* FOURTH QUARTER									
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	341	0	96	3216	89	332	99	0	3860
DOWNBOUND	295	1	96	2807	32	291	99	0	1136
TOTAL	636	0	96	5823	62	623	99	0	4996
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	325	0	99	2921	86	324	99	0	3655
DOWNBOUND	288	0	98	2888	32	287	99	0	1188
TOTAL	613	0	99	5809	59	611	99	0	4843
* PERCENT CHANGE	3%	0%	0%	0%	3%	1%	1%	0%	-3%
* YEAR TO DATE									
* FISCAL YEAR 1985 THRU 12/85									
UPBOUND	1366	2	93	11298	90	1322	98	1	15588
DOWNBOUND	1298	3	92	11902	32	1247	97	1	4912
TOTAL	2664	3	93	24200	61	2569	98	1	20500
* FISCAL YEAR 1986 THRU 12/86									
UPBOUND	1489	0	97	13523	85	1477	99	0	16406
DOWNBOUND	1419	0	96	13254	35	1471	99	0	5989
TOTAL	2908	0	97	26777	60	2878	99	0	22395
* PERCENT CHANGE	9%	0%	1%	10%	8%	12%	13%	89%	9%
* DELAY DATA REPORTED IN HOURS									
AVG. DELAY OF TOWS									
TOTAL DELAY TIME (TOWS)									
DELAY MAX (ALL VSL)									
AVG STALL OF STALLED VSL									
* FISCAL YEAR 1985 THRU 12/85	12.7					95.7	2.7		1.4
* FISCAL YEAR 1986 THRU 12/86	7.1					98.7	2.7		1.0
* FISCAL YEAR 1985 THRU 12/85	11.7					441.1	4.0		15.0
* FISCAL YEAR 1986 THRU 12/86	7.1					553.5	3.5		1.0

NEW CUMBERLAND LK & DAM AUX 1
OHIO RIVER
M4 PITTSBURGH
OHIO RIVER DIVISION

PAGE 107

QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	TENNA
FOURTH QUARTER									
PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	203	11	65	458	64	205	88	10	
DOWNBOUND	244	13	63	488	25	243	86	12	
TOTAL	447	12	64	946	44	448	87	11	
CURRENT QTR 10/86 THRU 12/86									
UPBOUND	249	8	73	659	70	248	91	5	
DOWNBOUND	304	9	74	760	24	306	91	7	
TOTAL	553	9	74	1419	45	554	91	6	
PERCENT CHANGE <<<<<	23%	-10%	43%	50%	53%	23%	29%	-30%	49%
YEAR TO DATE									
PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1595	54	34	1943	64	1244	60	38	1516
DOWNBOUND	1774	53	35	2235	29	1365	61	37	757
TOTAL	3369	53	34	4178	45	2609	60	38	2273
CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1441	53	36	1698	62	1105	61	36	1160
DOWNBOUND	1510	49	41	2017	31	1216	63	35	660
TOTAL	2951	51	39	3715	45	2321	62	36	1820
PERCENT CHANGE <<<<<	-12%	-16%	-1%	-11%	-11%	-11%	-8%	-15%	19%

PERCENT EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSES
FOURTH QUARTER						
PREVIOUS QTR 10/85 THRU 12/85	23	.3	.0	8.3	1.0	27.4
CURRENT QTR 10/86 THRU 12/86	47	.3	.0	18.7	1.1	1.0
PERCENT CHANGE						
PREVIOUS YEAR 1/85 THRU 12/85	207	1.1	.2	242.6	10.7	23.5
CURRENT YEAR 1/86 THRU 12/86	159	.3	.0	61.8	1.4	32.8

PERCENT EXPRESSED IN HOURS) TWENTY MONTHS OF 1986 JAN

FREIGHT SERVICE REPORT

WATERBURY
 WASHINGTON

* QUARTER REPORT	VESSEL	TOWS	DAYS	TOWS	TOWS	TOWS	TOWS	TOWS	TOWS	TOWS
* PREVIOUS YEAR 10/85 THRU 12/85										
UPBOUND	104									
DOWNBOUND	36									
TOTAL	140									
* CURRENT YEAR 10/86 THRU 12/86										
UPBOUND	121									
DOWNBOUND	48									
TOTAL	169									
* PERCENT CHANGE	20%	19%	15%	15%	15%	15%	15%	15%	15%	15%

* PREVIOUS YEAR 1/85 THRU 12/85										
UPBOUND	1602	3	92	1272	21	1272	21			107
DOWNBOUND	1527	7	97	1272	12	1272	12			227
TOTAL	3129	10	189	2544	33	2544	33			334
* CURRENT YEAR 1/86 THRU 12/86										
UPBOUND	1885	6	86	1799	38	1799	38			31
DOWNBOUND	1849	7	91	1799	17	1799	17			364
TOTAL	3734	13	177	3598	55	3598	55			395
* PERCENT CHANGE	19%	124%	15%	15%	15%	15%	15%	15%	15%	15%

* ALL TIMES EXPRESSED IN HOURS										
* QUARTER	DELAYED TOWS	AVG. DELAY OF	AVG. DELAY OF	TOTAL DELAY TIME	DELAY MAX	Average	Standard Dev			
* PREVIOUS QTR 10/85 THRU 12/85	211	6	7	1266	20	2.4				
* CURRENT QTR 10/86 THRU 12/86	358	6	7	2206	17	1.4				

* YEAR TO DATE										
* PREVIOUS YEAR 1/85 THRU 12/85	886	6	7	6007	39	2.0				
* CURRENT YEAR 1/86 THRU 12/86	1169	6	7	8059	20	1.6				

PIKE ISLAND LOCK & DAM AUTHORITY
 OHIO RIVER
 PITTSBURGH
 OHIO RIVER DIVISION

TABLE 1

QUARTERLY REPORT	VESSELS TOTAL	VEHICLES PER MTN	VESSELS TOWNS	BARGES TOTAL	BARGE LOADS	TOTAL TOWNS	TOTAL TOWNS	PERCENT OF TOWNS	PERCENT OF TOWNS
1985 - 1ST QUARTER	107	10	10	221	36	257	257	100	100
2ND QUARTER	112	8	7	222	36	230	230	100	100
3RD QUARTER	119	7	7	242	36	249	249	100	100
4TH QUARTER	107	10	10	221	36	231	231	100	100
PERCENT CHANGE	4%	3%	5%	5%	2%	4%	4%	4%	4%
1986 - 1ST QUARTER	142	16	16	304	42	346	346	100	100
2ND QUARTER	145	14	14	323	39	362	362	100	100
3RD QUARTER	187	15	15	251	41	266	266	100	100
4TH QUARTER	167	17	16	267	36	283	283	100	100
PERCENT CHANGE	4%	5%	5%	11%	8%	9%	14%	1%	1%

ALL TIMES EXPRESSED IN HOURS	PERCENT OF TOWNS DELAYED	AVG DELAY OF TOWNS	AVG DELAY OF TOWNS	TOTAL DELAY TIME (TOWNS)	PERCENT OF TOWNS DELAYED	AVG DELAY OF TOWNS
1985 - 1ST QUARTER	18	3	3	5.7	19	48.7
2ND QUARTER	8	2	2	2.2	19	27.3
3RD QUARTER	16	3	3	29.5	9	58.7
4TH QUARTER	80	13	3	25.3	1.2	375.5

NO DATA REPORTED FOR THE 1ST QUARTER MONTHS OF 1986 (JAN)

HANNIBAL LOCKS & DAM
 MISSOURI RIVER
 MISSOURI RIVER DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LOCKGES TOTAL	LOCKGES COMMER (%)	LOCKGES RECRTN (%)	* TONNAGE KTONS
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	394	0	96	3914	77	393	99	0	4170
DOWNBOUND	386	0	94	3783	55	387	98	0	2791
TOTAL	780	0	95	7697	66	780	99	0	6961
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	333	0	100	3675	80	335	99	0	4135
DOWNBOUND	313	0	99	3600	56	315	100	0	2709
TOTAL	646	0	99	7275	68	650	99	0	6844
***** PERCENT CHANGE *****	17%	100%	13%	5%	3%	16%	16%	100%	1%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1485	2	95	15543	79	1480	97	2	17223
DOWNBOUND	1431	1	95	15376	54	1426	97	1	11461
TOTAL	2916	2	95	30919	66	2906	97	2	28684
* CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1438	2	97	15657	80	1440	97	1	17761
DOWNBOUND	1375	1	98	15588	56	1384	98	0	11960
TOTAL	2813	1	97	31245	68	2824	97	1	29721
***** PERCENT CHANGE *****	-3%	-26%	-1%	1%	3%	-2%	-2%	-50%	3%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* FOURTH QUARTER	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
* PREVIOUS QTR 10/85 THRU 12/85	238	.8	.2	196.4	4.3	2.1			
* CURRENT QTR 10/86 THRU 12/86	170	.6	.1	109.6	1.7	1.4			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	814	.7	.2	586.4	4.3	1.9			
* CURRENT YEAR 1/86 THRU 12/86	778	.7	.2	601.1	19.9	1.8			

HANNIBAL LOCKS & DAM AUX 1
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

PAGE 125

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE K'TONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	81	14	66	127	64	86	82	11	62
* DOWNBOUND	94	22	62	135	31	99	76	19	78
* TOTAL	175	18	64	262	47	185	79	15	90
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	71	25	64	131	66	68	80	8	125
* DOWNBOUND	93	31	62	175	40	95	67	22	56
* TOTAL	164	28	63	306	51	163	73	16	181
*>>>> PERCENT CHANGE <<<<<	6%	42%	7%	16%	25%	11%	19%	6%	101%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	487	57	31	467	48	406	47	48	239
* DOWNBOUND	552	57	35	559	37	494	48	47	175
* TOTAL	1039	57	33	1026	42	900	47	47	414
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	446	60	34	494	50	379	49	43	343
* DOWNBOUND	500	57	38	632	49	445	48	42	274
* TOTAL	946	58	36	1126	49	824	49	43	617
*>>>> PERCENT CHANGE <<<<<	8%	6%	1%	9%	28%	8%	6%	17%	49%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VLS			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	5	.3	.0	1.6	.8	19.1			
*CURRENT QTR 10/86 THRU 12/86	6	.3	.0	2.3	.7	4.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	25	.2	.0	7.1	1.0	30.7			
*CURRENT YEAR 1/86 THRU 12/86	16	.3	.0	5.5	1.1	11.5			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN

* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86:

- * HENRY HOLLAND BUCKMAN LOCK - CROSS FLA BRG CNL
- * EUREKA LOCK - CROSS FLA BRG CNL
- * INGLIS LOCK - CROSS FLA BRG CNL
- * CANAVERAL LOCK - CANAVERAL HARBOR
- * ST LUCIE LOCK AND DAM - OKEECHOBEE WATRWAY
- * MOORE HAVEN LOCK - OKEECHOBEE WATRWAY
- * ORTONA LOCK AND DAM - OKEECHOBEE WATRWAY
- * W P FRANKLIN LCK AND CTRL STRCT - OKEECHOBEE WATRWAY
- * FORT MAYACA LOCK - OKEECHOBEE WATRWAY
- * MOSS BLUFF LOCK AND DAM - OKLAWAHA RIVER

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

-
- NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86.
 -
 - CLAIBORNE LOCK AND DAM ALABAMA COOSA RIVER
 - MILLERS FERRY LOCK AND DAM ALABAMA COOSA RIVER
 - JONES BLUFF LOCK AND DAM ALABAMA COOSA RIVER
 - JIM WOODRUFF LOCK AND DAM APLCH/CHTCH/FLNT RI
 - GEORGE W ANDREWS LOCK AND DAM APLCH/CHTCH/FLNT RI
 - WALTER F GEORGE LOCK AND DAM APLCH/CHTCH/FLNT RI
 - COFFEEVILLE LOCK BLKWAR/TOMBIGBEE RI
 - DEMOPOLIS LOCK AND DAM BLKWAR/TOMBIGBEE RI
 - WARRIOR LOCK AND DAM BLKWAR/TOMBIGBEE RI
 - WILLIAM BACON OLIVER LK AND DAM BLKWAR/TOMBIGBEE RI
 - MOLT LOCK AND DAM BLKWAR/TOMBIGBEE RI
 - JOHN HOLLIS BANKHEAD LK AND DAM BLKWAR/TOMBIGBEE RI
 - LOCK 1 PEARL RIVER
 - LOCK 2 PEARL RIVER
 - LOCK 3 PEARL RIVER
 - JAINESVILLE LOCK AND DAM TENN TOMBIGBEE WATERWAY
 - ALICEVILLE LOCK AND DAM TENN TOMBIGBEE WATERWAY
 - COLUMBUS LOCK AND DAM TENN TOMBIGBEE WATERWAY
 - ABERDEEN LOCK AND DAM TENN TOMBIGBEE WATERWAY
 - LOCK A TENN TOMBIGBEE WATERWAY
 - LOCK B TENN TOMBIGBEE WATERWAY
 - LOCK C TENN TOMBIGBEE WATERWAY
 - LOCK D TENN TOMBIGBEE WATERWAY
 - LOCK E TENN TOMBIGBEE WATERWAY
 - HAY SPRINGS TENN TOMBIGBEE WATERWAY
-

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

NEW SAVANNAH BLUFF LOCK & DAM
 SAVANNAH RIVER
 R6 SAVANNAH
 SOUTH ATLANTIC DIVISION

QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	TONNAGE KTONS
FOURTH QUARTER									
PERCENT CHANGE	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR TO DATE									
PERCENT CHANGE	0%	0%	0%	0%	0%	0%	0%	0%	0%

(ALL TIMES EXPRESSED IN HOURS)	AVG DELAY OF TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL) STALLED VSL	AVG STALL OF VSL
FOURTH QUARTER					
YEAR TO DATE					

LOCK & DAM 1
 CAPE FEAR RIVER
 K7 WILMINGTON
 SOUTH ATLANTIC DIVISION

QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	TONNAGE KTONS
FOURTH QUARTER									
CURRENT QTR 10/86 THRU 12/86									
UPBOUND	7	57	47	3	100	13	46	15	3
DOWNBOUND	7	57	42	3	0	10	60	20	0
TOTAL	14	57	42	6	50	23	52	17	3
PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
YEAR TO DATE									
CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	41	29	68	28	100	77	67	11	31
DOWNBOUND	74	62	37	28	0	83	56	27	0
TOTAL	115	50	48	56	50	160	61	20	31
PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%

(ALL TIMES EXPRESSED IN HOURS)

FOURTH QUARTER	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs
CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.0	.0
YEAR TO DATE						
CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.0	.0

NO DATA REPORTED FOR THE FOLLOWING MONTHS: 1986 JUL

LOCK & DAM 2
 CAPE FEAR RIVER
 K7 WILMINGTON
 SOUTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	15	13	20	3	100	14	42	7	3
DOWNBOUND	10	20	30	3	0	9	66	11	0
TOTAL	25	16	24	6	50	23	52	8	3
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	48	8	58	28	100	70	75	5	30
DOWNBOUND	55	30	50	28	0	66	77	13	0
TOTAL	103	20	54	56	50	136	76	9	30
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0	.5	.0	.0			
* Y E A R T O D A T E									
*CURRENT YEAR 1/86 THRU 12/86	56	.0	.0	4.6	.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL NOV

WILLIAM O HUSKE LOCK & DAM
 CAPE FEAR RIVER
 K7 WILMINGTON
 SOUTH ATLANTIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	5	40	60	3	100	6	50	16	3
* DOWNBOUND	3	0	100	3	0	3	100	0	0
* TOTAL	8	25	75	6	50	9	66	11	3
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* Y E A R T O D A T E									
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	44	36	63	28	100	39	46	41	31
* DOWNBOUND	52	46	53	28	0	39	56	41	0
* TOTAL	96	41	58	56	50	78	51	41	31
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%

(ALL TIMES EXPRESSED IN HOURS)	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS
* F O U R T H Q U A R T E R						
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0	.5	.0	.0
* Y E A R T O D A T E						
*CURRENT YEAR 1/86 THRU 12/86	55	.0	.0	4.5	.0	.0

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL NOV

BARGE CANAL LOCK
 SCRMMTO DWSHP CHNL
 L2 SACRAMENTO
 SOUTH PACIFIC DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* FOURTH QUARTER									
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* YEAR TO DATE									
*>>>> PERCENT CHANGE <<<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED	AVG DELAY OF TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED TOWS			
* FOURTH QUARTER									
* YEAR TO DATE									

COLORADO RIVER EAST LOCK
 GULF INTRACOASTAL
 M3 GALVESTON
 SOUTHWESTERN DIVISION

PAGE 134

QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	BARGES TOTAL	BARGES TOWNR	BARGES RECRTN (%)	ANNUAL TOWS
FOURTH QUARTER		(%)	(%)		(%)		(%)	(%)	
PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	2188	48	45	2120	75	1075	13		
DOWNBOUND	2131	47	47	2234	34	1152	15		4266
TOTAL	4319	48	46	4354	53	2147	19		4812
CURRENT QTR 10/86 THRU 12/86									
UPBOUND	1295	38	52	1313	75	761	24		345
DOWNBOUND	1362	39	53	1385	34	754	15		86
TOTAL	2657	39	52	2698	54	1515	19		431
PERCENT CHANGE	38%	49%	29%	35%	33%	29%	27%	11%	10%
YEAR TO DATE									
PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	9644	52	38	7892	73	4272	18	0	12699
DOWNBOUND	9744	53	41	8015	32	4304	9	0	4704
TOTAL	19388	53	39	15907	52	8576	13	0	17403
CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	10180	54	38	7903	74	4465	16	0	13402
DOWNBOUND	10538	55	39	7929	33	4490	8	0	5124
TOTAL	20718	55	39	15832	53	8955	12	0	18526
PERCENT CHANGE	6%	19%	4%	0%	1%	4%	5%	17%	6%

(ALL TIMES EXPRESSED IN HOURS)	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSL
FOURTH QUARTER						
PREVIOUS QTR 10/85 THRU 12/85	1988	.0	.0	65.9	.3	.5
CURRENT QTR 10/86 THRU 12/86	1399	.0	.0	58.7	.2	.0
YEAR TO DATE						
PREVIOUS YEAR 1/85 THRU 12/85	7734	.0	.0	271.4	7.9	4.6
CURRENT YEAR 1/86 THRU 12/86	8084	.0	.0	289.3	5.1	.0

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	3396	66	28	2086	70	1067	14	0	3408
DOWNBOUND	3490	68	27	1990	34	1057	12	0	1338
TOTAL	6886	67	28	4076	53	2124	13	0	4746
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	1118	32	56	1281	75	710	27	0	2317
DOWNBOUND	1030	27	66	1289	35	711	24	0	813
TOTAL	2148	30	61	2570	55	1421	25	0	3130
* PERCENT CHANGE <<<<<	68%	86%	-31%	-36%	-34%	-33%	27%	-100%	-34%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	11225	61	31	7592	75	4130	8	0	12543
DOWNBOUND	11858	63	32	7685	30	4143	7	0	4420
TOTAL	23083	62	31	15277	52	8273	8	0	16963
* CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	11580	62	31	7564	75	4211	9	0	13130
DOWNBOUND	11867	63	33	7508	32	4223	7	0	4798
TOTAL	23447	62	32	15072	53	8434	8	0	17928
* PERCENT CHANGE <<<<<	1%	2%	2%	-1%	0%	1%	7%	-44%	5%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* PREVIOUS QTR 10/85 THRU 12/85	1933	.0	.0	60.1	.2	.0			
* CURRENT QTR 10/86 THRU 12/86	1316	.0	.0	46.5	.2	.0			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	7369	.0	.0	244.7	416.5	.7			
* CURRENT YEAR 1/86 THRU 12/86	7545	.0	.0	254.2	1.0	1.2			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

AD-A103 621

PERFORMANCE MONITORING SYSTEM: SUMMARY OF LOCK
STATISTICS FOR OCTOBER-DECEMBER 1986(U) ARMY ENGINEER
INST FOR WATER RESOURCES FORT BELVOIR VA F SHARP

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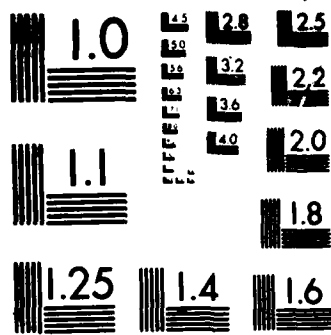
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

BRAZOS EAST GATE
 GULF INTRACOASTAL
 M3 GALVESTON
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	1738	10	68	2002	73	1212	0	0	3078
* DOWNBOUND	1869	14	65	2172	37	1256	0	0	1436
* TOTAL	3607	12	66	4174	54	2468	0	0	4514
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1208	6	74	1353	74	928	0	0	2213
* DOWNBOUND	1225	8	71	1414	36	898	0	0	827
* TOTAL	2433	7	72	2767	55	1826	0	0	3040
*>>>> PERCENT CHANGE <<<<<<	-32%	-57%	-26%	-33%	-32%	-26%	-28%	0%	-32%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	6988	19	61	8036	73	4690	0	0	12012
* DOWNBOUND	7295	20	62	8412	33	4920	0	0	4845
* TOTAL	14283	20	62	16448	53	9610	0	0	16857
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	6914	15	67	8329	72	4750	0	0	12667
* DOWNBOUND	7127	17	66	8286	34	4857	0	0	5043
* TOTAL	14041	16	67	16615	53	9607	0	0	17710
*>>>> PERCENT CHANGE <<<<<<	-1%	-17%	6%	1%	1%	-0%	105%	-100%	5%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG *TALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	2400	.0	.0	82.8	9.2	1.9			
*CURRENT QTR 10/86 THRU 12/86	1764	.0	.0	120.7	9.5	3.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	8836	.0	.0	461.7	12.8	2.4			
*CURRENT YEAR 1/86 THRU 12/86	9367	.0	.0	843.9	22.5	4.7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

BRAZOS WEST GATE
 GULF INTRACOASTAL
 M3 GALVESTON
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT										
	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	*	LCKGES	LCKGES	LCKGES *	TONNAGE *
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	*	TOTAL	COMMER	RECRTN *	KTONS *
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%)		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
UPBOUND	1750	16	66 *	2013	71	*	1173	0	0 *	3019 *
DOWNBOUND	1859	16	64 *	2110	37	*	1224	0	0 *	1443 *
TOTAL	3609	16	65 *	4123	54	*	2397	0	0 *	4462 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
UPBOUND	1431	7	60 *	1348	76	*	899	0	0 *	2207 *
DOWNBOUND	1352	10	64 *	1394	34	*	888	0	0 *	817 *
TOTAL	2783	8	62 *	2742	54	*	1787	0	0 *	3024 *

*>>>> PERCENT CHANGE <<<<<<	-22%	-57%	-26% *	-33%	-32%	*	-25%	-44%	-100% *	-32% *

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
UPBOUND	6944	23	60 *	7966	73	*	4404	0	0 *	11873 *
DOWNBOUND	6952	20	63 *	8259	32	*	4608	0	0 *	4682 *
TOTAL	13896	21	62 *	16225	52	*	9012	0	0 *	16555 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
UPBOUND	7339	16	61 *	8177	73	*	4578	0	0 *	12539 *
DOWNBOUND	7658	19	60 *	8170	32	*	4703	0	0 *	4907 *
TOTAL	14997	18	61 *	16347	52	*	9281	0	0 *	17446 *

*>>>> PERCENT CHANGE <<<<<<	7%	-10%	6% *	0%	1%	*	2%	69%	-100% *	5% *

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED	ALL	(TOWS)	(ALL VSL)	STALLED	VSLs *			

*PREVIOUS QTR 10/85 THRU 12/85	2348	.0	.0	83.8	10.0	1.0				
*CURRENT QTR 10/86 THRU 12/86	1730	.0	.0	134.0	7.3	3.4				

* YEAR TO DATE										

*PREVIOUS YEAR 1/85 THRU 12/85	8591	.0	.0	486.3	10.0	3.0				
*CURRENT YEAR 1/86 THRU 12/86	9117	.0	.0	785.5	11.4	4.2				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

NORRELL LOCK & DAM
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	213	7	69 *	637	48	* 216	56	6 *	421	*
* DOWNBOUND	202	10	72 *	571	83	* 210	52	10 *	691	*
* TOTAL	415	9	70 *	1208	65	* 426	54	8 *	1112	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	199	12	77 *	637	51	* 197	69	9 *	479	*
* DOWNBOUND	181	12	83 *	566	76	* 187	73	8 *	602	*
* TOTAL	380	12	80 *	1203	63	* 384	71	8 *	1081	*

*>>>> PERCENT CHANGE <<<<<<	-8%	21%	4% *	-0%	-3%	* -9%	17%	-8% *	-2%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	915	15	67 *	2883	51	* 919	52	11 *	2097	*
* DOWNBOUND	908	16	70 *	2821	79	* 944	48	13 *	3196	*
* TOTAL	1823	16	69 *	5704	65	* 1863	50	12 *	5293	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	964	23	66 *	3071	54	* 958	72	17 *	2406	*
* DOWNBOUND	964	22	70 *	3118	77	* 972	74	16 *	3391	*
* TOTAL	1928	22	68 *	6189	65	* 1930	73	17 *	5797	*

*>>>> PERCENT CHANGE <<<<<<	5%	48%	5% *	8%	9%	* 3%	51%	41% *	9%	*

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	13	.4	.0	5.9	1.1	.0				
*CURRENT QTR 10/86 THRU 12/86	36	.1	.0	4.7	.7	.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	54	.6	.0	34.9	3.6	.7				
*CURRENT YEAR 1/86 THRU 12/86	108	.3	.0	42.4	3.0	.0				

LOCK & DAM 2
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	194	11	74	605	45	211	79	9	407
* DOWNBOUND	191	14	78	593	82	201	81	11	691
* TOTAL	385	12	76	1198	63	412	80	10	1098
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	194	10	80	641	49	192	84	6	544
* DOWNBOUND	189	12	82	584	76	193	83	6	617
* TOTAL	383	11	81	1225	62	385	84	6	1161
*>>>> PERCENT CHANGE <<<<<<	-0%	-10%	6%	2%	0%	-6%	-1%	-41%	5%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	873	17	70	2853	50	889	79	12	2083
* DOWNBOUND	879	18	73	2862	79	904	78	13	3217
* TOTAL	1752	17	72	5715	65	1793	78	13	5300
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	958	25	67	3098	53	925	75	17	2465
* DOWNBOUND	975	25	70	3156	77	967	74	18	3386
* TOTAL	1933	25	69	6254	65	1892	75	18	5851
*>>>> PERCENT CHANGE <<<<<<	10%	56%	5%	9%	10%	5%	0%	41%	10%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	40	.5		.0		22.8	2.3	2.3	
*CURRENT QTR 10/86 THRU 12/86	61	.9		.1		60.5	24.0	1.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	183	4.5		.6		838.7	744.0	1.9	
*CURRENT YEAR 1/86 THRU 12/86	237	.7		.1		173.6	24.0	1.5	

LOCK & DAM 3
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	177	19	69	634	56	192	69	14	397
* DOWNBOUND	182	21	69	543	81	202	70	14	615
* TOTAL	359	20	69	1177	67	394	69	14	1012
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	155	2	90	626	56	179	79	1	483
* DOWNBOUND	153	5	88	553	75	180	79	2	540
* TOTAL	308	3	89	1179	65	359	79	2	1023
*>>>> PERCENT CHANGE <<<<<	-14%	-83%	10%	0%	-3%	-8%	4%	-85%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1080	44	50	2730	55	1081	53	29	2075
* DOWNBOUND	1102	46	50	2623	77	1106	53	28	2939
* TOTAL	2182	45	50	5353	66	2187	53	29	5014
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1244	47	48	2972	57	1200	53	31	2506
* DOWNBOUND	1306	48	46	3055	75	1204	53	31	3063
* TOTAL	2550	48	47	6027	66	2404	53	31	5569
*>>>> PERCENT CHANGE <<<<<	16%	23%	9%	12%	12%	9%	10%	17%	11%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	22	.3	.0	7.4	1.1	.0			
*CURRENT QTR 10/86 THRU 12/86	34	.3	.0	11.9	.8	3.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	110	.4	.0	49.8	24.3	1.0			
*CURRENT YEAR 1/86 THRU 12/86	148	.3	.0	57.7	2.2	2.8			

LOCK & DAM 4
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	169	18	69	570	52	183	69	13	398
DOWNBOUND	179	18	73	546	81	196	75	13	625
TOTAL	348	18	71	1116	66	379	72	13	1023
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	151	4	92	626	59	162	85	3	485
DOWNBOUND	147	7	83	519	74	163	81	5	537
TOTAL	298	6	88	1145	66	325	83	4	1022
*>>>> PERCENT CHANGE <<<<<	-14%	-71%	6%	2%	1%	-14%	1%	-70%	-0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	961	39	56	2613	55	899	62	25	2048
DOWNBOUND	1030	41	53	2599	76	944	63	25	2799
TOTAL	1991	40	54	5212	65	1843	63	25	4847
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1265	49	46	2918	59	1053	59	32	2412
DOWNBOUND	1288	51	45	2862	75	1056	59	31	2994
TOTAL	2553	50	46	5780	67	2109	59	32	5406
*>>>> PERCENT CHANGE <<<<<	28%	58%	8%	10%	12%	14%	8%	44%	11%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	28	.4	.0	11.2	.8	4.3			
*CURRENT QTR 10/86 THRU 12/86	46	.2	.0	12.1	.8	45.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	129	.4	.0	59.0	7.0	5.7			
*CURRENT YEAR 1/86 THRU 12/86	154	.3	.0	59.1	3.6	24.0			

LOCK & DAM 5
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	173	32	61	464	57	163	69	23	430
DOWNBOUND	188	32	63	472	78	186	67	25	611
TOTAL	361	32	62	936	67	349	68	24	1041
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	132	9	84	473	57	146	78	8	367
DOWNBOUND	134	9	82	440	73	145	82	8	497
TOTAL	266	9	83	913	65	291	80	8	864
*>>> PERCENT CHANGE <<<<<	-26%	-78%	-1%	-2%	-6%	-16%	-2%	-71%	-17%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1076	54	41	2049	62	978	48	43	1858
DOWNBOUND	1110	55	43	2089	74	1049	48	44	2572
TOTAL	2186	54	42	4138	68	2027	48	43	4430
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	1244	55	41	2383	61	1131	48	43	1972
DOWNBOUND	1245	55	41	2375	73	1128	49	42	2755
TOTAL	2489	55	41	4758	67	2259	49	42	4727
*>>> PERCENT CHANGE <<<<<	13%	15%	10%	14%	12%	11%	12%	9%	6%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	59	.1	.0	11.4	.7	.0			
*CURRENT QTR 10/86 THRU 12/86	15	.4	.0	6.3	.9	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	242	.2	.0	57.4	2.0	.7			
*CURRENT YEAR 1/86 THRU 12/86	122	.3	.0	39.2	1.4	.0			

DAVID D TERRY LOCK & DAM
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
* F O U R T H Q U A R T E R	TOTAL	RECR TN	TOWS	TOTAL	LOADED	TOTAL	COMMER	RECR TN	KTONS	*	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	*	

*PREVIOUS QTR 10/85 THRU 12/85	*										
UPBOUND	245	51	44	473	55	191	60	36	356	*	
DOWNBOUND	263	49	46	476	79	213	62	33	619	*	
TOTAL	508	50	45	949	67	404	61	34	975	*	
*CURRENT QTR 10/86 THRU 12/86	*										
UPBOUND	156	17	75	491	53	156	78	16	352	*	
DOWNBOUND	154	20	74	455	74	155	79	18	489	*	
TOTAL	310	18	75	946	63	311	78	17	841	*	
*>>>> PERCENT CHANGE <<<<<<	-38%	-77%	0%	-0%	-6%	-23%	-1%	-61%	-13%	*	

* Y E A R T O D A T E	*										
*PREVIOUS YEAR 1/85 THRU 12/85	*										
UPBOUND	1876	73	24	2054	62	1362	35	60	1792	*	
DOWNBOUND	1951	73	24	2105	74	1446	36	60	2582	*	
TOTAL	3827	73	24	4159	68	2808	36	60	4374	*	
*CURRENT YEAR 1/86 THRU 12/86	*										
UPBOUND	1851	69	29	2428	59	1491	37	58	1952	*	
DOWNBOUND	1860	69	28	2439	73	1524	37	59	2738	*	
TOTAL	3711	69	28	4867	66	3015	37	59	4690	*	
*>>>> PERCENT CHANGE <<<<<<	-3%	-8%	13%	17%	14%	7%	12%	5%	7%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
* F O U R T H Q U A R T E R	DELATED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*	
		DELATED	TOWS	ALL	TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*	
*PREVIOUS QTR 10/85 THRU 12/85	23		1.0		.1	25.0	6.5		3.0	*	
*CURRENT QTR 10/86 THRU 12/86	33		.4		.0	15.2	1.8		.0	*	
* Y E A R T O D A T E	*										
*PREVIOUS YEAR 1/85 THRU 12/85	133		.5		.0	71.7	6.5		2.1	*	
*CURRENT YEAR 1/86 THRU 12/86	176		.4		.0	77.0	2.8		1.1	*	

MURRAY LOCK & DAM
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESEL	VESEL	VESEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	249	65	31 *	350	59	* 158	55	40 *	287	*
* DOWNBOUND	250	61	35 *	373	77	* 190	52	43 *	511	*
* TOTAL	499	63	33 *	723	68	* 348	53	42 *	798	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	130	33	63 *	363	52	* 107	81	15 *	253	*
* DOWNBOUND	117	24	67 *	319	81	* 111	77	20 *	401	*
* TOTAL	247	29	65 *	682	65	* 218	79	18 *	654	*

*>>>> PERCENT CHANGE <<<<<<	-50%	-76%	-4% *	-5%	-9%	* -37%	-7%	-72% *	-18%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1753	77	20 *	1680	62	* 1135	35	62 *	1466	*
* DOWNBOUND	1796	76	21 *	1733	75	* 1231	34	62 *	2252	*
* TOTAL	3549	76	21 *	3413	69	* 2366	34	62 *	3718	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1534	74	24 *	1814	56	* 1118	36	61 *	1355	*
* DOWNBOUND	1544	74	23 *	1777	78	* 1140	35	62 *	2261	*
* TOTAL	3078	74	23 *	3591	67	* 2258	36	61 *	3616	*

*>>>> PERCENT CHANGE <<<<<<	-13%	-15%	-1% *	5%	2%	* -4%	-1%	-5% *	-2%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				*
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*
*PREVIOUS QTR 10/85 THRU 12/85	17	.6	.0	10.6	2.5	1.2				*
*CURRENT QTR 10/86 THRU 12/86	24	.4	.0	10.2	1.4	.0				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	89	.4	.0	38.0	2.5	1.7				*
*CURRENT YEAR 1/86 THRU 12/86	84	.4	.0	33.9	2.6	.9				*

TOAD SUCK FERRY LOCK & DAM
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	*	LCKGES	LCKGES	LCKGES *	TONNAGE *	
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	*	TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%)			

*PREVIOUS QTR 10/85 THRU 12/85	* * * * *										
UPBOUND	108	25	71 *	340	59	*	115	71	21 *	265	*
DOWNBOUND	130	27	70 *	386	79	*	138	70	21 *	519	*
TOTAL	238	26	70 *	726	70	*	253	70	21 *	784	*
*CURRENT QTR 10/86 THRU 12/86	* * * * *										
UPBOUND	87	8	89 *	351	55	*	92	86	3 *	252	*
DOWNBOUND	85	7	89 *	319	82	*	94	85	4 *	394	*
TOTAL	172	7	89 *	670	68	*	186	86	3 *	646	*

*>>>> PERCENT CHANGE <<<<<	-27%	-79%	-8% *	-7%	-9%	*	-26%	10%	-87% *	-17%	*

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	* * * * *										
UPBOUND	566	33	63 *	1672	62	*	575	65	26 *	1450	*
DOWNBOUND	618	36	61 *	1717	76	*	636	63	28 *	2242	*
TOTAL	1184	35	62 *	3389	69	*	1211	64	27 *	3692	*
*CURRENT YEAR 1/86 THRU 12/86	* * * * *										
UPBOUND	578	33	64 *	1795	57	*	591	67	23 *	1362	*
DOWNBOUND	686	45	52 *	1779	78	*	607	63	26 *	2216	*
TOTAL	1264	39	58 *	3574	67	*	1198	65	25 *	3578	*

*>>>> PERCENT CHANGE <<<<<	6%	20%	-0% *	5%	2%	*	-1%	0%	-9% *	-3%	*

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF					
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*PREVIOUS QTR 10/85 THRU 12/85	43	.2	.0	9.3	.9	.0					
*CURRENT QTR 10/86 THRU 12/86	33	10.3	2.2	341.8	312.0	.0					

* YEAR TO DATE											

*PREVIOUS YEAR 1/85 THRU 12/85	160	.2	.0	44.4	2.2	.0					
*CURRENT YEAR 1/86 THRU 12/86	138	2.6	.4	367.3	312.0	.9					

LOCK & DAM 9
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	91	15	82	343	60	113	68	12	297
DOWNBOUND	110	20	77	375	79	128	71	11	515
TOTAL	201	17	79	718	70	241	69	12	812
*CURRENT QTR 10/86 THRU 12/86									
UPBOUND	93	20	78	335	51	104	71	14	242
DOWNBOUND	97	22	74	307	80	103	73	14	390
TOTAL	190	21	76	642	65	207	72	14	632
*>>>> PERCENT CHANGE <<<<<<	-5%	13%	-9%	-10%	-16%	-14%	-10%	3%	-22%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	529	32	65	1637	62	654	55	18	1541
DOWNBOUND	572	33	64	1706	76	707	56	20	2225
TOTAL	1101	32	64	3343	69	1361	55	19	3766
*CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	528	33	65	1723	56	556	64	26	1318
DOWNBOUND	556	36	61	1714	79	583	62	29	2220
TOTAL	1084	35	63	3437	68	1139	63	28	3538
*>>>> PERCENT CHANGE <<<<<<	-1%	5%	-3%	2%	0%	-16%	-4%	19%	-6%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED TOWS	AVG DELAY OF DELAYED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	19	.2		.0		4.3	1.0	.0	
*CURRENT QTR 10/86 THRU 12/86	15	.5		.0		8.2	1.7	2.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	75	.3		.0		25.0	2.5	1.4	
*CURRENT YEAR 1/86 THRU 12/86	74	.7		.0		57.8	35.1	1.8	

CAPRIANE LE...
 ARKANSAS...
 M...
 NORTHWESTERN...

QUARTER	VESEL	VESEF	VESEF	PER	BARGE	EXGES	EXGES	EXGES	TONNAGE	
	NO	NO	NO	NO	NO	NO	NO	NO	KTONS	
UPBOUND	118	11	71	360	58	131	11	13	294	
DOWNBOUND	127	18	71	364	79	136	91	13	508	
TOTAL	245	29	73	724	69	248	86	13	802	
UPBOUND	81	8	91	335	52	89	84	1	246	
DOWNBOUND	88	10	80	308	80	88	81	3	378	
TOTAL	169	18	96	643	65	177	85	2	624	
PERCENT CHANGE	31%	68%	17%	11%	15%	-28%	24%	-87%	-22%	
PREVIOUS YEAR	UPBOUND	680	35	57	1653	60	664	64	27	1403
DOWNBOUND	735	40	54	1704	77	731	67	29	2395	
TOTAL	1415	37	55	3357	68	1394	61	28	3708	
UPBOUND	436	43	54	1703	54	611	54	31	1303	
DOWNBOUND	495	45	51	1790	79	633	58	33	2189	
TOTAL	931	44	52	3393	67	1244	58	32	3492	
PERCENT CHANGE	6%	9%	12%	1%	-10%	10%	15%	3%	-5%	
AVG DELAY	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
PREVIOUS YEAR	46.9	1	99.1	2.6	1.0					
PRESENT YEAR	52.7	1	75.3	1.3	1.0					

OZARK LOCK & DAM
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	94	8	87	*	356 60	*	103 84	6	*	295
* DOWNBOUND	101	9	85	*	352 80	*	116 81	8	*	504
* TOTAL	195	9	86	*	708 70	*	219 83	7	*	799
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	73	0	95	*	324 54	*	79 89	0	*	244
* DOWNBOUND	79	5	88	*	323 81	*	80 92	2	*	358
* TOTAL	152	2	92	*	647 68	*	159 91	1	*	602

*>>>> PERCENT CHANGE <<<<<	-22%	-77%	-16%	*	-8% -11%	*	-27% -20%	-88%	*	-24%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	576	39	58	*	1583 60	*	544 64	28	*	1351
* DOWNBOUND	616	41	56	*	1626 78	*	592 63	29	*	2216
* TOTAL	1192	40	57	*	3209 69	*	1136 64	28	*	3567
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	537	35	62	*	1662 58	*	512 69	23	*	1307
* DOWNBOUND	563	38	60	*	1698 79	*	532 67	25	*	2131
* TOTAL	1100	36	61	*	3360 69	*	1044 68	24	*	3438

*>>>> PERCENT CHANGE <<<<<	-7%	-17%	-1%	*	4% 3%	*	-8% -2%	-22%	*	-3%

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
	TOWS	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	136	.1	.1		22.2	1.0	1.0			*
*CURRENT QTR 10/86 THRU 12/86	77	.2	.1		16.9	1.6	.0			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	531	.1	.1		88.3	1.6	1.0			*
*CURRENT YEAR 1/86 THRU 12/86	415	.1	.1		75.6	1.8	.2			*

LOCK & DAM 13
 ARKANSAS RIVER
 #4 LITTLE ROCK
 SOUTHWESTERN DIVISION

PAGE 251

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	189	6	88	* 509	70	* 204	85	5	* 368	*
* DOWNBOUND	201	8	84	* 502	57	* 213	84	6	* 494	*
* TOTAL	390	7	86	* 1011	63	* 417	84	5	* 862	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	183	1	96	* 481	69	* 184	96	1	* 327	*
* DOWNBOUND	189	4	92	* 445	52	* 187	94	2	* 369	*
* TOTAL	372	3	94	* 926	61	* 371	95	1	* 696	*

*>>>> PERCENT CHANGE <<<<<<	-4%	-60%	3%	* -8%	-12%	* -11%	0%	-70%	* -19%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1100	35	60	* 2156	70	* 984	70	21	* 1643	*
* DOWNBOUND	1146	37	58	* 2197	58	* 1037	69	23	* 2201	*
* TOTAL	2246	36	59	* 4353	64	* 2021	70	22	* 3844	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1186	33	65	* 2366	70	* 1073	73	19	* 1741	*
* DOWNBOUND	1236	36	62	* 2339	55	* 1111	70	22	* 2124	*
* TOTAL	2422	35	63	* 4705	63	* 2184	71	21	* 3865	*

*>>>> PERCENT CHANGE <<<<<<	7%	3%	16%	* 8%	5%	* 8%	10%	0%	* 0%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	63		.4	.0		27.6	1.3	1.2		*
*CURRENT QTR 10/86 THRU 12/86	59		.2	.0		15.3	1.0	.9		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	229		.4	.0		94.5	2.2	2.7		*
*CURRENT YEAR 1/86 THRU 12/86	270		.3	.0		88.1	1.5	1.2		*

W D MAYO LOCK & DAM
 ARKANSAS RIVER
 M5 TULSA
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	121	23	66	352	57	103	83	12	274
* DOWNBOUND	124	20	66	324	79	110	85	10	524
* TOTAL	245	22	66	676	68	213	84	11	798
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	76	0	90	276	53	78	94	0	215
* DOWNBOUND	94	10	73	258	74	86	90	5	295
* TOTAL	170	5	81	534	64	164	92	3	510
*>>>> PERCENT CHANGE <<<<<<	-30%	-81%	-15%	-21%	-25%	-23%	-15%	-79%	-36%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	872	57	39	1492	54	572	63	32	1161
* DOWNBOUND	910	57	38	1510	80	600	64	32	2154
* TOTAL	1782	57	38	3002	67	1172	63	32	3315
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	728	52	45	1489	55	513	68	25	1134
* DOWNBOUND	795	54	41	1512	78	548	65	29	1947
* TOTAL	1523	53	43	3001	66	1061	66	27	3081
*>>>> PERCENT CHANGE <<<<<<	-14%	-19%	-5%	-0%	-0%	-9%	-5%	-22%	-7%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED TOWS	AVG DELAY OF DELATED TOWS		AVG DELAY OF ALL TOWS		TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLS	
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85	1	.3	.0	.3	.3	1.9	.3	1.9	.0
*CURRENT QTR 10/86 THRU 12/86	5	.3	.0	1.9	.6	.0	.6	.0	.0
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	28	.3	.0	10.0	12.0	1.9	12.0	1.9	.0
*CURRENT YEAR 1/86 THRU 12/86	29	.8	.0	23.7	9.4	.0	9.4	.0	.0

ROBERT S KERR LOCK & DAM & RES
 ARKANSAS RIVER
 M5 TULSA
 SOUTHWESTERN DIVISION

PAGE 253

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	112	20	72 *	340	57	* 110	78	18 *	274	*
* DOWNBOUND	118	22	69 *	328	79	* 120	77	18 *	466	*
* TOTAL	230	21	70 *	668	68	* 230	77	18 *	740	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	81	6	87 *	283	55	* 86	88	4 *	221	*
* DOWNBOUND	88	11	76 *	252	74	* 89	85	8 *	312	*
* TOTAL	169	8	81 *	535	64	* 175	86	6 *	533	*

*>>>> PERCENT CHANGE <<<<<	-26%	-69%	-15% *	-19%	-24% *	-23%	-15%	-71% *	-27%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	738	50	47 *	1478	54	* 626	58	38 *	1159	*
* DOWNBOUND	767	51	44 *	1499	80	* 666	57	39 *	2111	*
* TOTAL	1505	50	46 *	2977	67	* 1292	57	38 *	3270	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	620	44	53 *	1515	56	* 558	62	31 *	1156	*
* DOWNBOUND	658	47	49 *	1504	78	* 582	60	33 *	1959	*
* TOTAL	1278	46	51 *	3019	67	* 1140	61	32 *	3115	*

*>>>> PERCENT CHANGE <<<<<	-15%	-22%	-4% *	1%	1% *	-11%	-5%	-25% *	-4%	*

*(ALL TIMES EXPRESSED IN HOURS)										
-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
-----		DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*
*PREVIOUS QTR 10/85 THRU 12/85	8	.7	.0	.0	.0	5.9	2.0	.3	.3	*
*CURRENT QTR 10/86 THRU 12/86	7	1.2	.0	.0	.0	8.8	6.0	.4	.4	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	53	.5	.0	.0	.0	26.5	2.0	.5	.5	*
*CURRENT YEAR 1/86 THRU 12/86	42	.6	.0	.0	.0	27.9	6.0	.5	.5	*

WEBBERS FALLS LOCK & DAM
 ARKANSAS RIVER
 M5 TULSA
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	* TONNAGE *	
.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	93	12	80 *	310	59	98	80	12 *	266	*
* DOWNBOUND	98	13	82 *	315	73	107	81	12 *	416	*
* TOTAL	191	13	81 *	625	66	205	80	12 *	682	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	72	4	90 *	261	60	76	89	3 *	222	*
* DOWNBOUND	72	2	91 *	243	69	77	89	2 *	289	*
* TOTAL	144	3	90 *	504	64	153	89	3 *	511	*

*>>>> PERCENT CHANGE <<<<<<	-24%	-80%	-16% *	-19%	-21%	-25%	-17%	-80% *	-25%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	486	33	63 *	1252	63	488	65	27 *	1166	*
* DOWNBOUND	506	35	61 *	1267	71	505	65	28 *	1675	*
* TOTAL	992	34	62 *	2519	67	993	65	27 *	2841	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	513	38	59 *	1316	59	499	63	29 *	1087	*
* DOWNBOUND	556	41	55 *	1332	71	523	61	32 *	1630	*
* TOTAL	1069	40	57 *	2648	65	1022	62	31 *	2717	*

*>>>> PERCENT CHANGE <<<<<<	7%	24%	-0% *	5%	2%	2%	-2%	15% *	-4%	*

*(ALL TIMES EXPRESSED IN HOURS)										
.....	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF	OF	TIME	MAX	OF	OF	*
.....		DELAYED TOWS	ALL TOWS	ALL TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED	VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	81	.2	.1			21.5	1.3	.9		*
*CURRENT QTR 10/86 THRU 12/86	22	.3	.0			7.0	1.3	.7		*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	368	.3	.1			110.9	10.1	.7		*
*CURRENT YEAR 1/86 THRU 12/86	246	.3	.1			78.8	93.7	.6		*

CHOUTEAU LOCK & DAM
 ARKANSAS RIVER
 M5 TULSA
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	BARGES* TOTAL	BARGES* LOADED (%)	LCKGES TOTAL	LCKGES COMMER (%)	LCKGES* RECRTN (%)	TONNAGE* KTONS
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	87	4	87	269	47	89	92	3	178
* DOWNBOUND	87	6	89	276	76	93	89	4	393
* TOTAL	174	5	88	545	61	182	90	3	571
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	74	1	82	233	57	84	82	1	197
* DOWNBOUND	80	1	81	228	72	88	88	1	281
* TOTAL	154	1	81	461	65	172	85	1	478
* >>>> PERCENT CHANGE <<<<<	-11%	-80%	-18%	-15%	-10%	-5%	-10%	-71%	-16%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	401	20	75	1098	56	422	76	17	872
* DOWNBOUND	507	37	58	1111	74	437	72	20	1535
* TOTAL	908	29	66	2209	65	859	74	18	2407
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	397	15	78	1310	56	416	80	13	1002
* DOWNBOUND	421	19	74	1280	76	435	79	15	1683
* TOTAL	818	17	76	2590	66	851	80	14	2685
* >>>> PERCENT CHANGE <<<<<	-9%	-48%	4%	17%	18%	-0%	6%	-23%	11%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
* PREVIOUS QTR 10/85 THRU 12/85	16	.0	.0	1.0	.2	.4			
* CURRENT QTR 10/86 THRU 12/86	8	.4	.0	3.2	.8	.0			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	108	.0	.0	9.1	1.1	.4			
* CURRENT YEAR 1/86 THRU 12/86	36	.3	.0	12.2	1.3	2.2			

NEWT GRAHAM LOCK & DAM
 ARKANSAS RIVER
 M5 TULSA
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	85	7	88	262	48	85	91	4	176
* DOWNBOUND	90	8	85	283	75	90	91	5	377
* TOTAL	175	8	86	545	62	175	91	5	553
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	66	0	92	222	56	67	94	0	181
* DOWNBOUND	71	0	92	236	69	74	94	0	271
* TOTAL	137	0	92	458	62	141	94	0	452
*>>>> PERCENT CHANGE <<<<<<	-21%	-100%	-16%	-15%	-15%	-19%	-16%	-100%	-18%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	373	15	80	1080	56	384	81	14	858
* DOWNBOUND	392	18	76	1119	73	401	79	15	1486
* TOTAL	765	17	78	2199	65	785	80	15	2344
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	371	10	85	1296	55	386	86	9	976
* DOWNBOUND	384	12	83	1290	74	403	84	10	1639
* TOTAL	755	11	84	2586	64	789	85	9	2615
*>>>> PERCENT CHANGE <<<<<<	-1%	-35%	6%	17%	17%	0%	6%	-33%	11%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS	AVG DELAY OF DELAYED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	14	.3	.0	4.7	.8	.5			
*CURRENT QTR 10/86 THRU 12/86	6	2.0	.0	12.5	10.8	3.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	70	.2	.0	19.4	1.2	5.9			
*CURRENT YEAR 1/86 THRU 12/86	51	.6	.0	35.2	10.8	2.1			

#EOR
 #EOI

Appendix B

Glossary

Draft: This is not a physical lock dimension. It is compared with new data before it is added to the central library to ensure that vessel drafts are not recorded improperly.

Tows: Only tows with barges are included with this figure. Tows without barges (light boats) and other commercial vessels are counted as "other vessels."

Other vessels: All vessels other than tows with barges and recreational vessels.

Commercial lockages: The number of lockages for which the prime mover is a tow, a light boat, or another commercial vessel.

Recreational lockages: The number of lockages during which there are only recreational vessels using a lock.

Other lockages: The number of lockages during which the prime mover is a government vessel, a government contracted vessel (such as a dredge) or an unidentified type of vessel. Also included in this category are navigable and open pass lockages.

Total lockages: A lockage includes all lock activity necessary to process a tow and is counted only once when more than one vessel uses the lock. Thus, both cuts of a double cut lockage (e.g. only part of the tow will fit in the lock and it is necessary to process the tow in two pieces) count as a single lockage together and the count increases by only one when two tows are processed during a single lockage.

Processing time: Only the times needed to process tows with barges are included in these statistics.

Delayed vessels: Number of tows experiencing delay between arrival time and the time the lock is ready to process them.

Average delay: Average time of delay for all tows.

Maximum delay: Maximum delay time for vessels. This figure may reflect a single, extraordinary circumstance and should be evaluated accordingly.

END

9-87

DTIC