

**USACE NavLocks HPO PWS**  
**Technical Exhibit 9. Workload**

TE-9 Descriptive - This Tech Exhibit references sections C.5.8.1 of the PWS. This table illustrates the workload indicator and the FY06 Workload by WBS item number.

Item Number (WBS)	What We Do (Functional Activity)	Functional Description (Describe Work Performed)	Workload Indicator (Work Unit-Type/Kind)	FY 2006 Workload	Unit
1.0.	Operate Lock	The HPO will operate locks in accordance with appropriations, annual authorization, Army and engineering regulations, and policy and technical guidance. Lockages will be performed on demand or on schedule in accordance with priorities defined in TE-2, Lock Hours of Operation Percent Availability of Lock Chamber. Queued vessels will transit the locks in accordance with established procedures and standards.	Hours of operation	Hours of operation listed in TE 2- Lock Hour Operations Percent Availability of Lock Chamber.	
1.1.	Monitor river for approaching traffic (upstream/downstream)	Monitor traffic upstream and downstream and communicate with customers to optimize the sequencing of lock operations. (See TE-3, FY2006 Lockages by Vessel Type.)	Number of lockages by vessel. Each requires monitoring activity.	Monitoring activity is represented by TE 3- Lockages by vessel type-	
1.2.	Respond to Lock Stoppage Conditions	Take appropriate corrective action to restore the lock to operational status when the lock stoppage requires a lock repair (see C.5.3.). Lock stoppages include weather, accident, damage, and electrical, mechanical, or structure failure.	Capture and record the number of stoppage events, Duration and type of stoppage	by TE 3- Lockages by vessel type-	
1.3.	Record Data	Enter lockage usage data and information into information systems, such as LPMS and OMNI. The systems are used per ER 1130-2-520 (Chapter 6). (See TE-3, FY2006 Lockages by Vessel Type.)	Data is captured during each lockage	by TE 3- Lockages by vessel type-	
1.4.	Operate Bridges	Operate bridges identified in TE-4, Bridges, to allow safe vessel transit, using the bridge standard operating procedures.	One bridge operation for each lock with a USACE operated bridge.	TE 3- FY2006 lockages by vessel type for locks with bridges (TE 4- Bridges)	

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1.5.	Perform emergency preparation and recovery	Prepare for and recover from flood events and other emergencies and maintain a plan to prepare for and respond to flood events. This may require evacuation of personnel and equipment, materials, and supplies to safeguard life and equipment.	Number of flood incidents where lock equipment needs to be removed/protected in FY2006.		
1.6.	Respond to Emergency Situations	Respond to lock safety emergencies resulting from inclement weather, national disasters, and other unexpected events and coordinate with other agencies as necessary.	Number of lock safety emergencies in FY2006		
2.0.	Operate Dam	Effective dam operations are needed to meet NavLocks System availability and flood control expectations in accordance with appropriations, authorization, Army and engineering regulations, and policy and technical guidance. Dam operations include all activities associated with the operation of a navigation dam structure and associated facilities and equipment. These dams release water through the operation of spillway gates and other outlet works, flood control, and maintenance of a navigation pool.	Average number of gate operations for both dams with hydropower, and for dams without hydropower.	W D Mayo Lock and Dam # 14 1,444 gate changes Robert S Kerr Lock # Dam # 15 36 gate changes, 1168 PH changes 1204 total changes. Webbers Falls Lock # Dam # 16 Powerhouse changes 500, dam changes 61, total 561	1 = one operational change, may involve moving more than one gate more than one foot.
2.1.	Maintain Pool Level	Maintain the pool level at the level defined in the water control manual (and adjustments) and water control plan.	Number of gate changes per lock site needed to keep pool within established limits	Will correspond to 2.0 workload number	1= one operational change needed to keep pool within limits. Facilities with powerhouses may use power generation to maintain pool elevations
2.2.	Communicate with navigation	Respond to inquiries from users and the public regarding pool level and flow conditions, particularly during high-	Number of gate changes per lock site	Will correspond to 2.0 workload number plus	1= one call to next lock per operational change,

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	users and public regarding pool levels and flow conditions	and low-water conditions or events.		# of times a customer must be called.	will need to capture number of times an additional call must be made to a navigation customer.
2.3.	Public Emergency	Assist local users during emergencies in accordance with past practices and policies.	Count dam related emergencies that required local assistance in FY2006.		
3.0.	Maintain & Repair Lock	The goal of the maintenance and repair program is to minimize unscheduled outages and unavailability to customers.			
3.1.	Perform Lock Maintenance	Perform scheduled preventive maintenance (daily, weekly, monthly, periodic, and routine) according to the preventive maintenance schedule. Track scheduled maintenance using an approved Computerized Maintenance Management System (CMMS). (See TE-5, Maintenance Workload.)	List and description of sites, facilities, and assets required to be maintained.	TE 5- Maintenance Workload	
3.2.	Perform Lock Repair	Perform lock repair to minimize the impact on system availability. Lock repairs include scheduled and unscheduled work to repair or replace a lock, an equipment asset, or an associated component that has failed, broken, or worn out, affecting system readiness, availability, or use. (See TE-5, Maintenance Workload.)	List and description of sites, facilities, and assets required to be repaired	TE 5- Maintenance Workload	
3.3.	Perform Emergency Maintenance & Repair	Perform emergency lock maintenance and repair to minimize the impact on system availability, including unscheduled repairs that need immediate attention to maintain a functional lock (unscheduled stoppage). (See TE-6-A, Unscheduled Unavailable Hrs by Lock Condition Codes.)	Total # of Unscheduled Outage Hours	TE 6-A- Trends in Unschedule Unavailabilities hours by Lock Condition Category	Unscheduled Outage Hrs/Month

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3.4.	Document all Maintenance	Document and store accurate records of all maintenance activities, including condition assessments and asset management information, and enter these data into an approved CMMS. (See TE-5, Maintenance Worload.)	Records will be captured for every PM, repair, and emergency maintenance/repair activity.	Number of PM, repair, and emergency maintenance/repair activities will be driven by the requirements of TE 5-Maintenance Workload.	
4.0.	Maintain & Repair Dam	Perform routine and non-routine maintenance and repair of dams and associated structures, such as spillways, embankments, outlet works, levees, pumping stations, and other structures. Perform project management and oversight of the maintenance and repair of a navigation dam structure and its associated facilities and equipment to achieve NavLocks System availability.		Rick's Data Call	
4.1.	Perform Dam maintenance	Perform scheduled preventive maintenance (daily, weekly, monthly, periodic, and routine) according to the preventive maintenance schedule. (See TE-5, Maintenance Worlokad.) Track NavLocks System scheduled maintenance in the Facilities and Equipment Maintenance System (FEMS) or similar program.	List and description of sites, facilities, and assets required to be maintained.	TE 5-Maintenance Workload.	

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4.2.	Perform Dam repair	Perform dam repairs to minimize the impact on system availability to customers. Dam repairs are scheduled or unscheduled work to repair or replace a dam, an equipment asset, or an associated component that has failed, broken, or worn out, affecting system readiness, availability, or use. (See TE-5 Maintenance Workload.)	List and description of sites, facilities, and assets required to be repaired	TE 5- Maintenance Workload.	Repairs/yr
4.2.1	Perform Dam safety inspections	Dam safety inspects the Dams.	Number of dam safety inspections completed by CWISS or by dam per year		
4.3.	Perform Emergency Dam Maintenance & Repair	Perform emergency dam maintenance and repair, including immediate unscheduled repairs to maintain the pool levels, to minimize the impact on system availability.	Hours of dam outage due to emergency maintenance and repair. Need team to estimate by lock site for FY06. Jeff will define an outage in his request.		
4.4.	Document all Maintenance	Document and store accurate records of all maintenance activities, including condition assessments and asset management information, and enter these data into an approved CMMS.	See 3.4 (total for both 3.4 and 4.4)		
5.0.	Perform Major Maintenance of Locks and Dams	Perform major maintenance of locks and dams, including management and administrative activities related to major scheduled maintenance, repair, and emergency repair to ensure system availability. This may involve personnel at			

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		the lock and dam site, central maintenance facility, or mobile maintenance fleet. It may involve personnel from other lock and dam sites inside or outside the parent district, division, and HQUSACE or outside resources.			
5.1.	Conduct Scheduled Major Maintenance & Repairs	Perform all activities required for major maintenance and repairs, including planning, scheduling, communicating with users, closing the lock chamber, conducting the maintenance or repairs, and reopening the chamber. Major maintenance and repairs will be performed in a manner that minimizes the impact on system availability.	List and description of sites, facilities, and assets that may require major maintenance	TE 5- Maintenance Workload.	
5.2	Conduct Emergency (unscheduled) Repairs	Perform emergency repairs as needed to meet the performance requirements described in TE-1, Performance Requirement Summary.	Number and man hours of unscheduled emergency repairs in FY06 by lock site  (1) Total number of emergency (unscheduled) repairs required by lock site in FY2006.  (2) Time (hours/days) to assess situation and develop a plan for each repair at each lock site in FY2006  (3) Man-hours to effect repairs per plan	TE 1- Performance Requirement Summary	

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			(4) Repairs effected per plan in FY2006		
5.3	Maintenance Dredging at Lock and Dam Sites	Perform dredging to remove silt and debris buildup around facility structure and components that limit system availability or jeopardize structural stability.	Number and cost of Mechanical dredging projects in FY06 by lock site. Will need to develop an estimate. Some data will come from DIS.		
6.0.	Additional HPO Activities	Prepare the annual NavLocks System budget, respond to USACE data calls, manage GFP and NavLocks System assets, purchase within credit card limits, ensure security, and conduct public relations.			
6.1.	Prepare Annual Lock & Dam Operations & Maintenance Budget	Prepare, coordinate, and submit the annual O&M budget according to annual USACE budget guidance and incorporate consideration of asset management. Execute the approved budget and adjust or realign it to meet changing needs with command approval. Develop the overhead budgets to support rate determinations and training, in coordination with other activities.	Number of Budgets prepared annually	One budget prepared per district per year (22 total), one budget prepared for each division each year (8), 30 annual bugets total in FY06. HPO budgets will depend on HPO organization structure.	
6.2.	Data Calls	Manage and respond to data calls in accordance with local and higher authority record-keeping policy, guidance, and procedures. Data and information will be captured and maintained in manual and automated information systems.	Number of data calls requested in FY06		

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6.3.	Manage Assets	Manage and oversee personal and real property assets assigned to NavLocks System personnel. (See TE-5, Maintenance Workload.)	Count # of times administrative assets (typical business assets, i.e., furniture, telephones, computers, etc. ) acquired, operated and maintained. Record acquisition, operation and maintenance backlog and cycle-time.	TE 5- Maintenance Workload	
6.4.	Acquire Supplies, Materials, Parts, Equipment and Minor Maintenance within Credit Card Purchasing Limits	Acquire supplies, materials, parts, equipment, and minor maintenance required to perform the work required under this PWS. (See TE-7, FY2006 Contracts.)	Total number of FY06 contracts requiring administrative oversight	TE 7- FY2006 Contracts	
6.5.	Perform Lock, Dam, & Facility Security	In accordance with USACE policy, provide the physical security and safety for the lock and dam sites according to the site security safety plan. Physical security may include the use of guards (when authorized), perimeter fences, gates (possibly with electronic entry controls), security plans, surveillance cameras, and security screening for those entering the lock and dam site. (See TE-5, Maintenance Workload.)	Number and description of lock locations and facilities requiring physical security.	TE 5 - Maintenance Workload	
6.6.	Conduct Public	Conduct site tours for the public and respond to general inquiries.	Number of requests for		

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	Relations Activities as Required		public relations activities in FY06.		
6.7.	Administration of Services Contracts	Perform contracting officer representative (COR) activities (if required) within the limits of delegation letters and support COR activities when required to meet the performance standards of TE-7, FY2006 Contracts.	Total number of FY06 contracts requiring COR activities.	TE 7- FY2006 Contracts	
6.8.	Capital investment	Manage the capital investment program to ensure capital investments are identified, prioritized, supported, and requested. The Plant Replacement and Improvement Program (PRIP) may be used for some capital investments.	Number of PRIP cycles per year.	One PRIP preparation per navigation district per year = 22.	
6.9	Safety Program	Follow the USACE safety manual, regulations, and policies.			
7.1.	Engineering Support	Coordinate with USACE engineering organization elements to determine the most efficient and effective structure and procedures to procure technical services. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System in TE-1, Performance Requirement Summary.	E&D expenses by CWISS in FY06 (from OMBIL)	TE 1- Performance Requirement Summary	
7.1.1	Water Control Data collection and analysis	Coordinate with USACE engineering elements for water control data collection and analysis, including settings for tainter and roller gates on dams associated with navigation projects, forecasting of river levels, general gate settings (for example, keeping the pool within specified limits using gate settings determined by lock operators), or specific gate settings provided by district office personnel.	Number of instructions provided per lock and/or dam site per year on required gate settings to provide required water control. Normal conditions, 1 instruction per day, extreme- Special conditions 6-	(26 weeks x 1 instruction per day per lock site x 200 lock sites)+ (26 weeks -extreme x 8 instructions per day- avg- per lock site x 200 lock sites) <b>=46800 instructions</b>	Number of instructions per lock/dam per year

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			12 instructions per day. Special-Extreme conditions last 26 weeks per year.	<b>per year</b>	
7.1.2	Water Quality	Coordinate with USACE engineering elements for water quality activities of navigation pools as required by State water quality certifications. Water quality for dredging is described in TBD.	Number of traditional water quality inspections by river system. Water Quality Samples taken 5 times per year, 2 locations per pool.	(5 inspections per year per lock site X 2 locations per pool X 200 lock sites) = <b>2000 inspections</b>	
7.1.3	Dam Safety for Navigation	Coordinate with USACE engineering elements to support lock and dam safety activities associated with navigation structures, including periodic inspections, instrumentation for structural adequacy, hydraulic steel structure inspections, and bridge inspections.	Number of dam safety inspections completed by CWISS or by dam per year		

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7.1.3.1	Periodic Inspections	Coordinate with USACE engineering elements to support an inspection program that acquires and funds periodic assessments and inspections of hydraulic, geotechnical, mechanical, structural, electrical, and security features.	Number of periodic assessments and inspections completed on schedule and within budget (within the fiscal year) within a district/region. Number of periodic assessments and inspections completed on lock and dam sites over the last 5 years. Every two years report to Division and Headquarters the deficiencies found during the periodic assessments and inspections. 220-230 locks inspected on a 5 year basis. This equates to 40-50 inspections completed annually across USACE.	40-50 Inspections Annually	Inspections/yr

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7.1.3.2	Instrumentation for Structure Adequacy	Coordinate with USACE engineering elements to support instrumentation readings (piezometer readings, movement indicators, settlement measurements, stress measurements, void-beneath-the-structure measurements, scour surveys, and other instruments) to evaluate the structural integrity of navigation locks and dams.	Number of readings taken at lock and dam site by year. Readings were evaluated in a timely manner. Project was notified in a timely manner of problems found. Lock and dam personnel take one set of open piezometer readings per site per month and report findings to engineering. Engineering collects remote data daily. Visits lock and dam sites twice per month to take more detailed measurements (movement measurements, inclinometer readings, closed system Piezometer )yearly trilateration by in-house or contract is performed at each lock and dam.	1 onsite reading per lock site per month X 200 lock sites X 12 monts/yr = <b>240 onsite readings per year</b> . Remote daily readings per lock site (200 lock sites x 1 reading per day x 365 days/yr ) = <b>73000 remote readings</b> per year. 2 Engineering site visits per lock site per month X 200 lock sites X 12 months per year) = <b>4800 Engineering readings per year</b>	

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7.1.3.3	Hydraulic Steel Structural inspections (HSS)	Coordinate with USACE engineering elements to support the evaluation of steel structures that are fracture critical (failure of a structural member could result in the failure of the structure): bulkheads, tainter gates, lift gates, miter gates, etc.	Number of bridge inspections performed per lock and/or dam sites per year. Number of inspections completed on lock and dam sites over the last 5 years. Every two years report to Division and Headquarters the deficiencies found during the periodic assessments and inspections. 220-230 inspected on a 5 year basis. This equates to 40-50 inspections completed annually across USACE.	40-50 Inspections Annually	Inspections/yr
7.1.3.4	Bridge Inspection Program	Coordinate with USACE engineering elements to support the inspection of and reports on the structural integrity of USACE-owned public and nonpublic bridges that cross locks, dams, and other NavLocks System structures.	Number of inspection reports per year	(0.5 inspections/reports per USACE public bridge in TE -4 Bridges) + (0.2 inspections/reports per USACE non-public bridge in TE-4 Bridges)	
7.1.4	Design Services	Coordinate with USACE engineering elements to determine the most efficient and effective structure and procedures for procuring design services. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System in TE-8, FY2006 Engineering and Design Expense.	Design expenses for FY06 by CWISS (From OMBIL- may not be able to separate for engineering expenses). Number of design	Design portion of TE 8- FY06 Navigation Business Line Expenses	

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			services provided by lock site over the last 5 years.		
7.1.5	Supervision and Administration of Construction Projects	Coordinate with USACE construction elements to provide efficient and effective support as required for NavLocks System construction projects. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Number of construction projects/services in FY06 provided with navigation (O&M) funds (ask division POCs for help on this one). Use S&A funds for navigation from OMBIL?		
7.2	G&A Services (Off site)	Coordinate with USACE headquarters, divisions, and district organizational elements to determine the most efficient and effective structure and procedures for providing general and administrative services. These services, which include functions such as security, safety, human resources, legal, finance, and accounting, will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Cost of G&A services (ask Tim Lamb how to capture these).		
7.3	Real Estate Tech Support	Coordinate with USACE real-estate elements to determine the most efficient and effective structure and procedures for procuring real-estate services. These services, which include right-of-entry permits for dredging, real property inventories, easement and lease negotiations, and in-grant and out-grant negotiations, will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Amount of acreage associated by lock site (REMIS). Number of active ingrants/outgrants by lock and dam site (REMIS). Number of navigation related activities input into REMIS per district. MVS processes 200-300	200-300 Rights of Entry (St. Louis) 100 buildings/structures on RP Inventory	entries/year

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			Rights of Entry (Entries in REMIS) for Dredging and Dike and Revetment Program in St. Louis and 100 buildings/structures on RP Inventory ((Entries into REMIS). Real Estate inventories all building on navigation property on a 3 year cycle (1/3 of buildings per year) for Real Property. For example, 300 buildings in LRL translates to 100 Real estate actions (reviews) a year. May need a data call for this information.		
7.4	Planning, Programs, and Projects Management	Coordinate with USACE Planning, Programs, and Project Management Division (PPPM) elements to determine the most efficient and effective structure and procedures for procuring services. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Total expenses required for PPPM activities per river system. (Note- Get input from Ops on cost of PPM activities below)		
7.4.1	Environmental Services/BIOPS	Provide efficient and effective environmental support as required for navigation activities. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Total expenses for Environmental services/BIOPS by locksite for FY06 (need help from the team on how to collect).		
7.4.2	Budgeting and	Provide efficient and effective budgeting and funding support activities as required for NavLocks System	Total expenses for (programs) budgeting		

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	Funding	activities. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	and funding activities per river system.		
7.4.3	Planning Programming and Project Management (PPPM) Services	Provide efficient and effective planning, programming, and project management (PPPM) services as required for navigation activities. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Total expenses for project management activities related to navigation.		
7.5	Surveying (land)	Coordinate with USACE engineering elements to support surveying services as required. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System.	Amount expended on navigation related surveys over 3 years (Do other districts need to pay for this)?		
7.6	Contracting Support	Coordinate with USACE contracting elements to determine the most efficient and effective structure and procedures for procuring services. These services will be aligned and funded to meet the quality, timeliness, and performance requirements of the NavLocks System. (See TE-7, FY2006 Contracts.)	Number of navigation related contracts procured or managed by CWISS (contract data call).	TE 7- FY2006 Contracts	
8.0.	Channel Operations and Maintenance	Perform all functions, including project management and oversight, of channel O&M within the NavLocks System. Conduct actions necessary to keep channels open to navigation to meet navigation performance standards.	Mile markers for channels to be maintained.		

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8.1	Dredging	Perform navigation channel dredging to meet NavLocks System performance requirements. This includes mechanical and hydraulic dredging of the NavLocks System and dredging in St. Mary's River, Missouri River, and intracoastal waterways. Excluded are hopper dredging, sidecast dredging, and coastal dredging under normal conditions. (See TE-9, Workload)	Mile markers for channels to be maintained.	TE 9- Workload	
8.2	Dredge Material Management	Provide proper in-water or upland dredged material placement according to Federal and State requirements when the dredging occurs in the NavLocks System (this does not include placement of coastal dredged material).	Number of dredging project ( low volume and hydraulic).		
8.3	Water Quality	Comply with State and Federal water quality terms and standards. Select and fund the provider of choice to perform water quality analysis.	Number of water quality samples taken per project. Number of water quality samples taken per dredge cut. St. Louis does 50-60 dredge cuts per year, 2 samples taken at the dredge and spoil areas (per cut and per spoil) this equates to 440 samples a year for St. Louis.	440 (St.Louis), 600 (LRD), etc) = X samples per district/yr x 22 districts	samples/yr
8.4	Bank Stabilization, Dikes, and Revetment	Maintain bank stabilization, dikes, and revetments to ensure the navigability of the channels. Construct and repair river control structures, such as rock protection, wing, and closure dams (including dike and revetment notching).	Number and duration of bank stabilization and Dike revetment projects in 2006		

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8.5	Aids to Navigation (fixed and floating)	Identify and mark hazards to navigation, other than Coast Guard mandated aids to navigation (marker piles, stone mounds, etc., to help vessels avoid grounding).	Number of navigation aid repairs completed in FY06.	12 (LRD) = 12 repairs per district per year * 22 districts = 264/yr	jobs/yr
8.6	Obstruction removal (Channel Patrol)	Remove natural occurring obstructions to maintain the NavLocks System functionality. Non-natural obstructions will be handled according to Federal and State laws and procedures and MOAs/MOUs with other agencies.	Number of obstructions removed by CWIS in FY06. Total manhours spent removing obstructions.	2 (LRD) = 2 per division per year * 6 divisions = 12?	jobs/yr
8.7	Channel Reconnaissance & Hydrographic Surveys	Perform channel reconnaissance and hydrographic surveys to uncover channel impediments that could cause vessel groundings and restrict the use of navigation channels.	Number of Channel recon & Hydrographic surveys completed in FY06.	865 (LRD) 800 per division per year?	survey days/yr
8.8	Harbor Maintenance Dredging	Plan, schedule, and dredge harbors within the NavLocks System to ensure lock system availability.	Number and yardage of Harbor maintenance dredging projects in FY06.		
9.0	Major Rehabilitation & New Project Construction	Identify, request, and fund the planning and reporting activities required to request major rehabilitations and new construction. This work includes the O&M-funded preparation activities that precede a major rehabilitation. Specific tasks include data acquisition, data analysis ("what if" scenarios), and project justification documentation. These reports must be completed in accordance with Project Management Division guidance and formats.	Number of Major rehab reports completed in FY04- FY06.		
10.0.	Mooring/Protection Cells (Bridges, Approaches) Repair and	Construct and repair Federal mooring and protection cells within the NavLocks System for the continuity and safety of the navigation mission, including periodic inspections to assess current condition.	Number of Mooring/Protection cell repairs or replacements in FY06 (and projected for 5 years). FY06 16	16 Repairs, 8 Replacements per year	repairs & replacements/yr

*Technical Exhibit 9. Workload*

TE-9 Descriptive - This Tech Exhibit references sections C.5.8.1 of the PWS. This table illustrates the workload indicator and the FY06 Workload by WBS item number.

Item Number (WBS)	What We Do (Functional Activity)	Functional Description (Describe Work Performed)	Workload Indicator (Work Unit-Type/Kind)	FY 2006 Workload	Unit
	Replacement		repairs and 8 replacements. For 5 years, 80 repairs and 40 replacements		
11.0	Non- Navigation Emergency Response	Respond to emergency activities for which USACE is responsible, assess the impact to performance of the NavLocks System mission, and report this assessment to higher management for resolution. Provide support for natural disasters and public emergencies (such as hurricane response) in accordance with past practice and local staffing levels, and maintain adequate emergency response capabilities. NavLocks performance and costs will be considered on the basis of the level and severity of the non-navigation emergencies.	Number of requests and total FTE per request over the last 5 years.	TE 10- Emergency Responses	