

Silent Inspector



Introduction

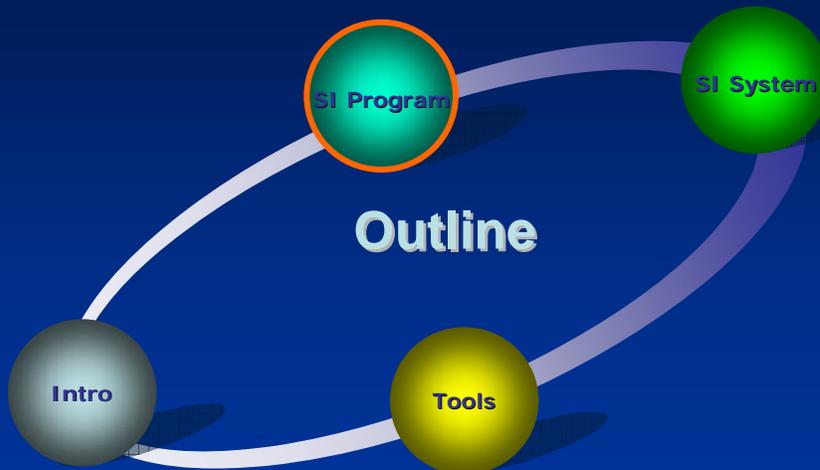


Silent Inspector Board of Director Members

Name	Affiliation	HQ	
Fuller, Wynne	(Chairman) SAM		
Bossert, Vinton	MDC	Walker, Jim	HQ, CECW-OD
Carrubba, Sheryl	NWP		
Donohue, Catherine	NAD		
Clark, KC	MVN	SI Center	
Domurant, George	SPD	Allen, Brenda	CESAM-OP-J
Dyess, Carl	SAM	Culpepper, Eddie	CESAM-OP-J
Engle, Lance	MVS	Howell, Gary	ERDC-SAM
Godfrey, Chris	NAE	Lenoir, Rhonda	ERDC-SAM
Hrametz, Joseph	SWG	Lillicrop, Jeff	CESAM-OP-J
Holliday, Barry	DCA	Lillicrop, Linda	ERDC-SAM
Linna, Chad	LRD	Rosati, Jay	ERDC-SAM
Mitchell, Carsno	SWL	Welp, Tim	ERDC-CHL
Premo, Angela	SAD		
Russo, Edmond	ERDC		
Stuppelbeen, Helen	POD		
Trott, Kathy	HQ, CECW-LRD		



Silent Inspector Program



Silent Inspector Program

- Mission: To Provide Corps-wide technical support of dredging through automated tools and services and to evolve these capabilities to meet our growing needs.
- Operational support includes tools and services to assimilate, analyze, and report dredging quality assurance data at the national, watershed, and project levels.
- Evolution of these capabilities includes developing, integrating, and diffusing dredging data and decision support tools and services throughout the Corps.



Silent Inspector

Government Benefits

- 24x7 coverage of operations
- Flexible scheduling of human inspectors
- Fast response to public and environmental inquiries
- Reduced claims
- Better government estimates
- Improved dredging management



Industry Benefits

- National standard specifications
- National standards for automated reporting
- Reliable digital record of operations and performance
- Minimize disputes
- Faster dispute resolution



Silent Inspector Program



- Training
- Certification
- Guide Specifications



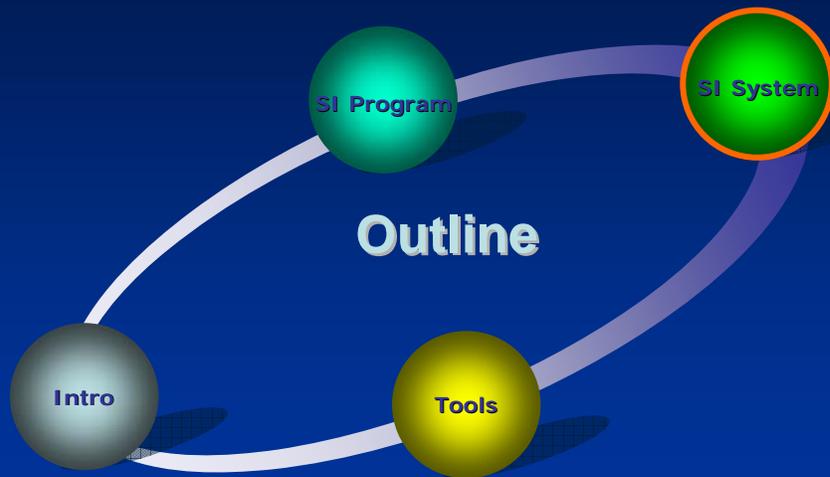
FY07 Planned Pipeline Projects



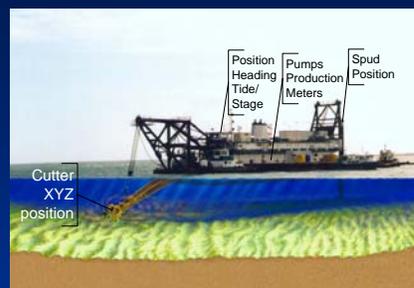
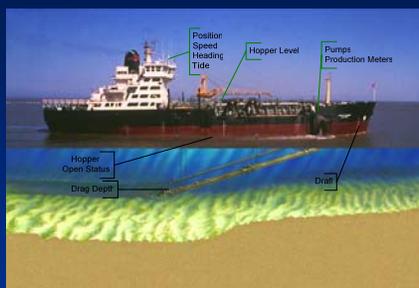
- Illinois – Folley Beach
- Goetz – St Paul District
- Oregon – Portland District
- Potter – St Louis District



Silent Inspector System



Silent Inspector System

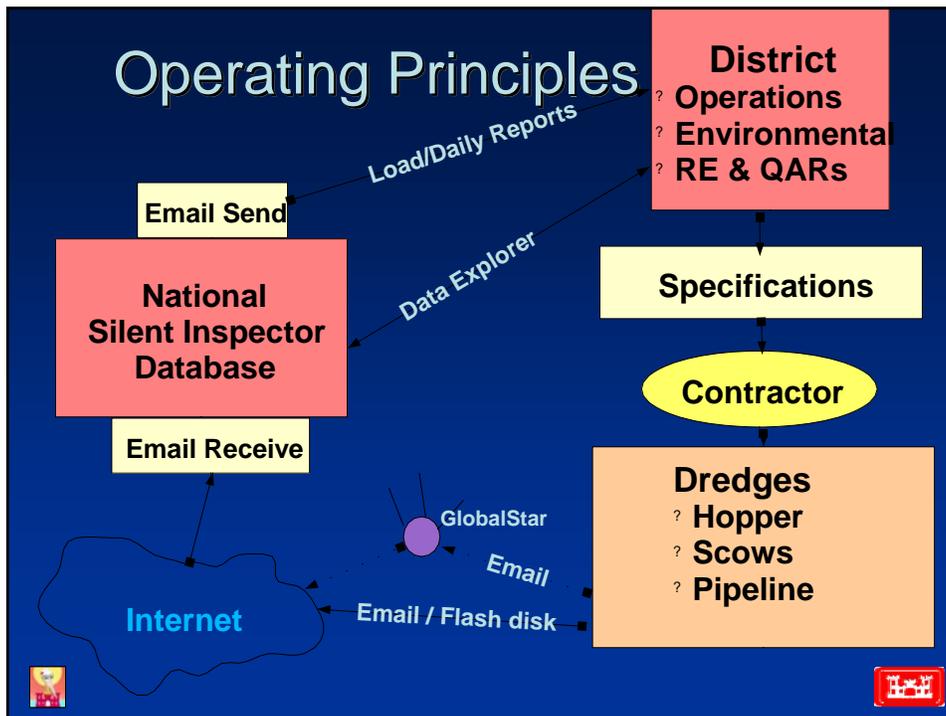


Silent Inspector System

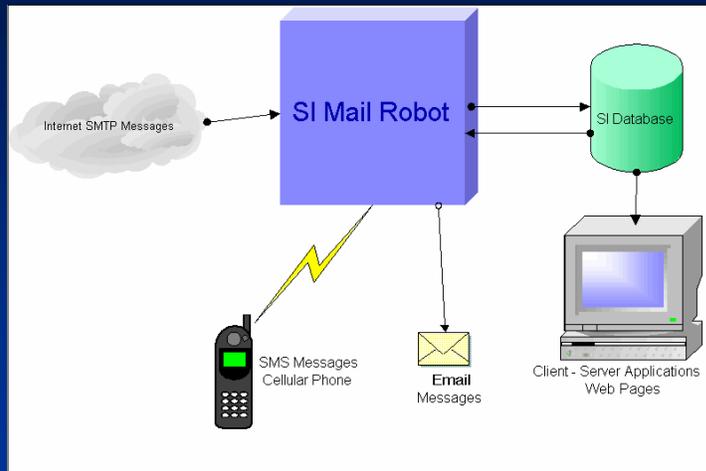
- Uses contractor's sensors and instrumentation
- Corps does QA and analysis
- Contractor hardware - Corps Software
- Reports dredge measured parameters that describe dredge operations
- Analyzes the data to determine what the dredge is doing – dredging, turning, sailing, dumping.
- Stores, finds, reports, & plots data



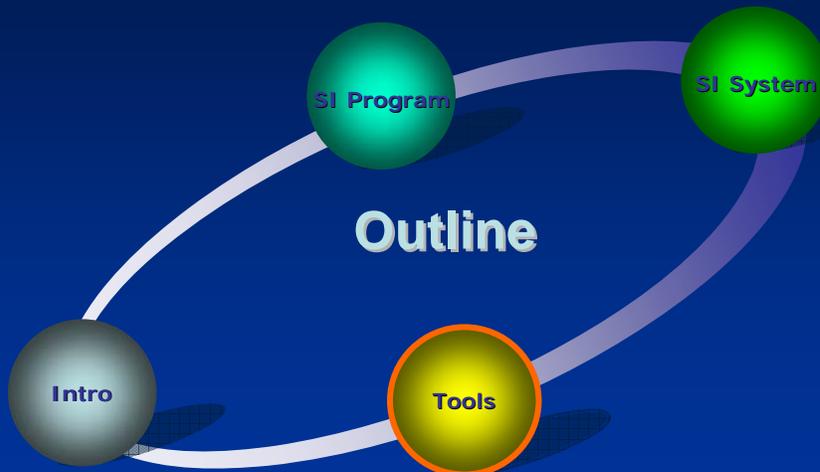
Operating Principles



Silent Inspector System

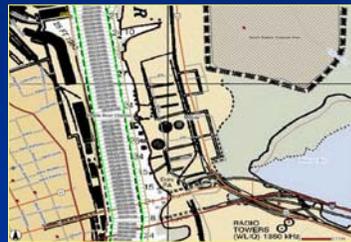


Tools



Upcoming SI Tools

- On-Board Dredge Viewer
- Ocean Disposal Monitoring Application
- Borrow & Disposal Site monitoring tools
- eDredge



Thank You



Questions?

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