

# Bar Coding Work Packages

*Bar Coding Work Packages*

*Fluor Hanford*  
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# Topics

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- Work Package Retrieval Issues
- Bar Code Design Requirements
- Implementation Concerns
- Implementation
- Benefits
- Future plans
- Summary

# Work Package Retrieval Issues

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- Keying errors
- Data entry efficiency
- Multiple records retrieval
- Global Update capability

# Bar Code Design Requirements



- Must fit current process
- Site Bar Code standards met (CIO Office)
- Equipment not required for data entry
- Equipment - Inexpensive but durable
- Minimal training
- If equipment fails: No process impacts

# Implementation Concerns

- Software system design
- Equipment requirements
- Equipment costs, including labels
- Equipment disbursement (who gets it)
- User training
- Equipment breakage/failure impacts

# Implementation

- Very little visible changes to system
  - Barcode prints on the Work Document

	<b>Work Document</b> 1K-06-00256	10/15/2007 12:59 PM
	*JD203533*	Page 1 of 5
Document Number 1K-06-00256	W GENERIC WORK ITEM	Record Status ACT
Work Item Title Install New Shielding - 1033 Basin		Record Copy Printed Yes 1

# Implementation

- Equipment installed and demonstrated



- System Help file updated with instructions
- Equipment purchase info made available

# Benefits

- Time savings
  - Right work package, every time
  - Global Updates – HUGE timesaver
  - Eliminates handwriting on work package folder
- Morale boost (unexpected)
- Innovative new uses (Example: staging)
- Users and Managers excited by impacts, low costs

# Lessons Learned

- Supply the equipment!
- Demonstrating gives that “personal touch”
- Label printing – one package at a time
- Labels did not contain Work Package Title
- Printers come with 50 labels; provide more
- Make bar coding as “invisible” as possible

# Future plans

- Preventive Maintenance Datasheets
- Tool Crib/M&TE database interface
- Records Holding interface

# Summary

## **There is no substitute for planning!**

- Clearly define requirements
- Put considerable effort into the design
- Thoroughly test the design
- Supply and demonstrate the equipment

## **Finally:**

- Bar coding technology is not that hard
- Users are ready for bar coding!