

ANL LCLS QA Presentation 12/12/06

(This presentation can be viewed at http://www.lcls.aps.anl.gov/Project_Page/QA/QA%20Presentations.html)

Topic 1: The new ANL “ASK” System

ANL ASK system is being developed to provide SLAC with up to date information on deliveries, drawings , and quality assurance records for items being sent to SLAC

The term ASK is intended to convey the condition of the items being delivered, i.e., Assembly, Sub-assembly. Kit of parts

The ASK concept was well received at the last DOE review

The ASK System will consist of a browser-based database that will integrate existing Primavera, PARIS and Pro Intralink information

Will provide SLAC with a Graphical Image and Bill of Materials created from the APS Pro Intralink design database for the item(s) being shipped

Will provide SLAC with up to date Procurement information from the ANL PARIS system

Will provide SLAC with shipping information that will be manually input by the Technical Lead

Will provide SLAC with the status and location of quality assurance records for items being delivered

Example database screen

WBS Tree - Windows Internet Explorer

http://beam.aps.anl.gov/pls/apsweb/lcls0004.show_wbs_tree?_pid=1233473110660286&p_wbs_id=6188p_lv3=3&p_lv4=8

File Edit View Favorites Tools Help

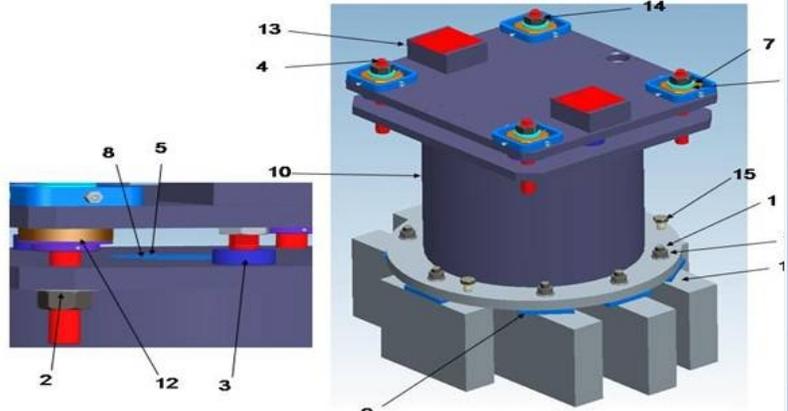
WBS Tree

WBS Tree

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Fixed Supports [Upload Files](#)



Bill Of Material

Image [wbs1432.jpg](#) (12/11/2006:13:02:28)

ASK Report [Show Report](#)

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Example ASK report containing information obtained from Primavera, PARIS and ANL Technical Leads

ANL/SLAC A.S.K. Report Tuesday, October 10, 2006

PROJECT MANAGEMENT INFORMATION	
TITLE	RCV: From Metalex - Magnet Assy Article
ACT	UN34_10052 WBS I.4.3.4.2
ES	8/15/2006 EF 8/15/2006 BC 84800

ANL DELIVERY INFORMATION	
Date Shipped	
Recipient Name	Pope, R.
Delivery Address	
Delivery Condition	Assembly
Shipping Order No	
Freight Carrier	
Tracking No	
Est Arrival Date	
Actual Arrival Date	
SLAC Confirmation by	
Actions required by SLAC	Return Shockwatch to ANL
ANL-SLAC Property Transfer Status	In-process
QA Traveler Status	Delivered to R. Pope
Link to QA Traveler	
Action Items	Develop process for SLAC/ANL property transfer.
Action Item Status:	Open
Action Item Owners:	Barsz, Thomas R.

ANL DESIGN INFORMATION	
ESD No	NA
SOW No	L143-00066
Drawing Status	Released
Link to Bill of Materials	

ANL PROCUREMENT INFORMATION	
Requisition No	ES-164018
award_nbr	5A-10359
item_part_nbr	Tooling charge
item_description	Non-recurring tooling charge
qty_awarded	1
date_promised	9/30/2005 00:00:00
vendor_name	METALEX MANUFACTURING INC
vendor_city	CINCINNATI
date_last_receipt	5/5/2006 13:09:21
qty_received	1
recipient_name	Lawrence, Glen

QA Topic 2: Released Drawings are now required for any all procurements of items going to SLAC

- Necessary in order to make the new ASK system work
- Will help eliminate some of the confusion over which release level, revision, version is being built.
- Good QA Practice

QA Topic 3: Forward all Quality Records for items being sent to SLAC to Tom Barsz

- Necessary in order to make the ASK system work
- Help eliminate the delay in sending Quality Assurance records to SLAC
- Records are objective evidence that a requirement has been met.
- We need to begin thinking If it's going to go to SLAC they're going to want the records.
- Examples:
 - Vendor test reports
 - APS test reports
 - Design calculations
 - ANL Acceptance Criteria Listing & traveler forms
 - Oscilloscope plots
 - Electronic format is preferred