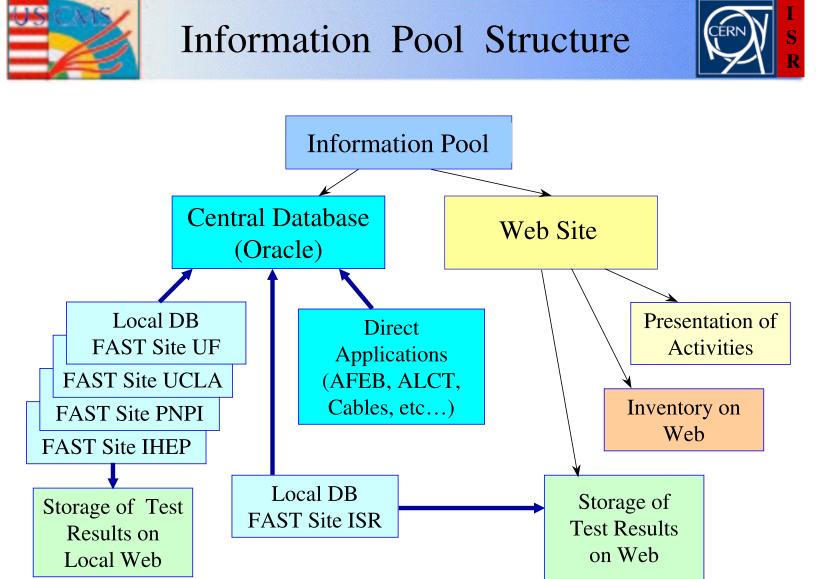
# Information Pool at CERN

#### **Igor Vorobiev** Carnegie Mellon University

#### Endcap Muon Meeting CERN 25 February 2003











Information Pool consists of (unlimited) space in CERN central Oracle database and CMS Web server space (few Gbyte). Central Database is filled by direct applications (AFEB, ALCT, Cables etc.) and by local FAST sites databases (chambers and boards tracking). Test results from FAST sites (as a set of files for each chamber) are saved on local Web spaces (where ISR uses central Web space as a local one). In a time (if necessary) the important results from tests will be decoded from files and uploaded into Central Database for subsequent use in the experiment. Web space is also used for presentation of activities at CERN and simple accounting of equipment at ISR ("Inventory on Web").





## Central Database

R. BreedonI. VorobievV. Sytnik

# ISR Local Database

V. Andreev C. Matthey

EMU meeting, CERN, 25 Feb. 2003

I. Vorobiev CMU





## Central Database

### I. Vorobiev

Maintenance of Central DB, applications, Web site.

### V. Sytnik

Maintenance of central applications for tracking, local DB software.

#### R. Breedon

Work on new applications.

# ISR Local Database

# V. Andreev

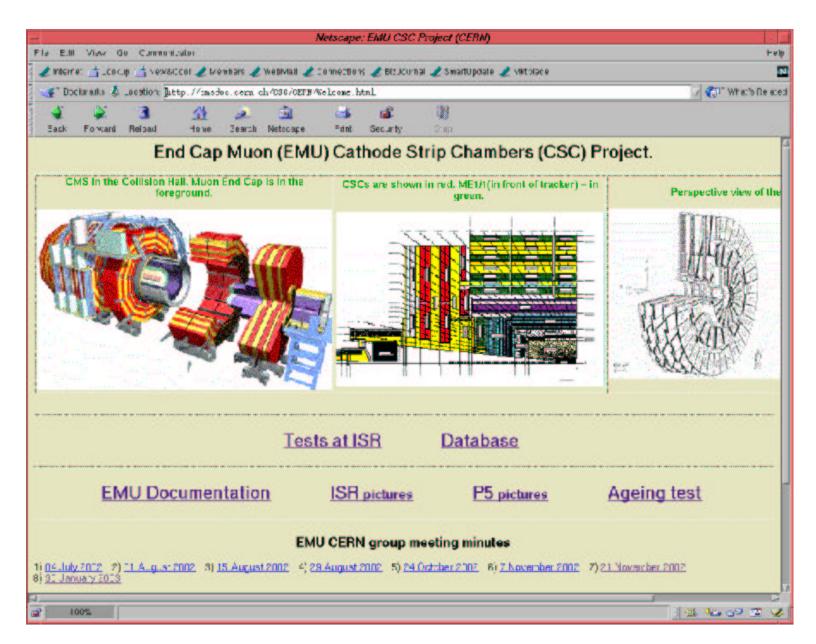
C. Matthey

Organization of data flow at ISR (into local DB, test files on Web + inventory).





# URL address: http://cmsdoc.cern.ch/CSC/CERN/Welcome.html



Gives access to all information: database, test results, inventory, pictures, CERN group minutes and so on.





# URL address: http://cmsdoc.cern.ch/cms/CSC/CERN/db.html

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Chamber tracking (FAST Sites)	AFEB Database
Electronics tracking (FAST Sites)	Log-Book of returned AFEBs
Single board history (from FAST tracking)	AFEB-ALCT Cables Status
Chamber – AFEB connection	ALCT Database
	<ul> <li>ISR Log (preliminary)</li> </ul>

Left column - FAST sites DB, right - direct applications. "Chamber - AFEB connection" - cross reference.

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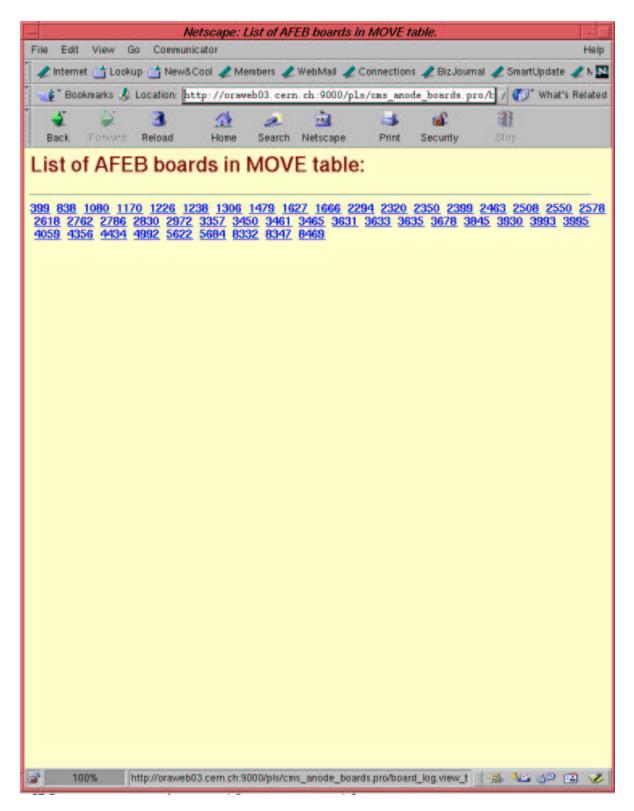
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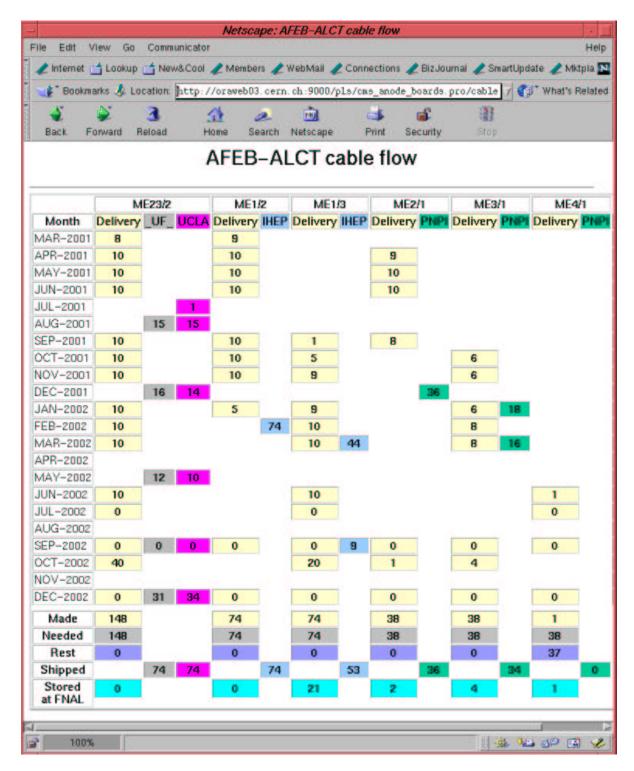


#### Number of returned AFEBs is small.

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### DB: AFEB-ALCT cables status



Online tables with a status of AFEB-ALCT cables.

K



### DB for skewclear cables

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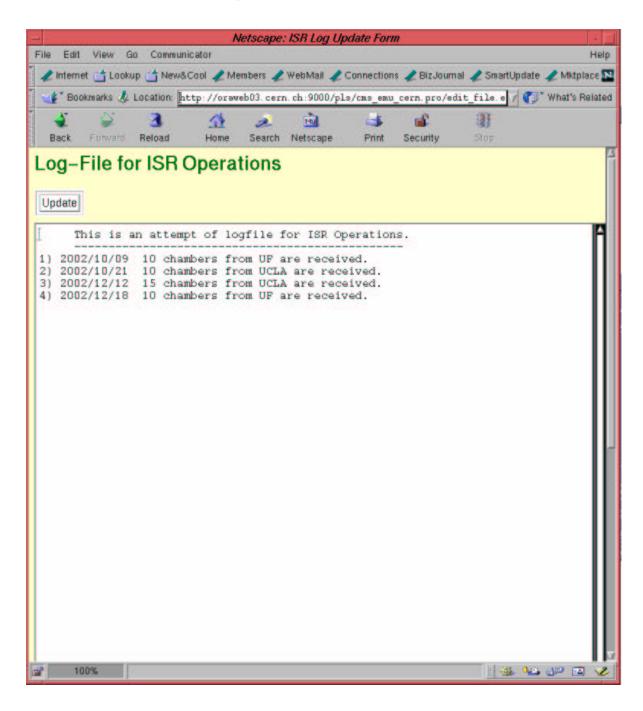


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Attempt to introduce online log-file for ISR operations.







Should be filled regularly by people working at ISR.





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URL address: http://cmsdoc.cern.ch/cms/CSC/CERN/isr\_tests.html

This page gives access to test results on Web and status of tests.

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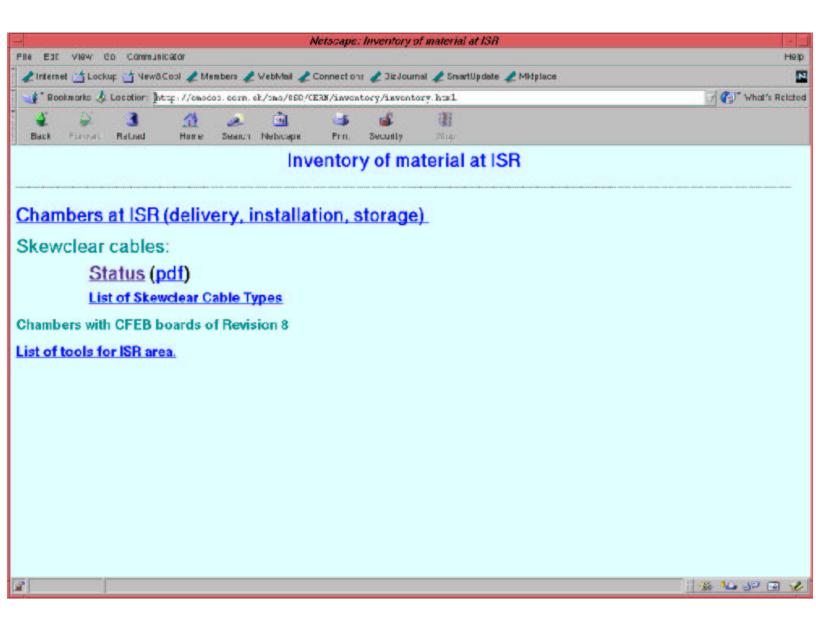
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Table of test status on Web.







URL address: http://cmsdoc.cern.ch/cms/CSC/CERN/inventory/inventory.html



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URL address: http://cmsdoc.cern.ch/cms/CSC/CERN/inventory/storage.html

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