

# **ICPA Status**

**Lance Cooley**  
**July 12, 2010**  
**Monday SRF Meeting**

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# ICPA Map

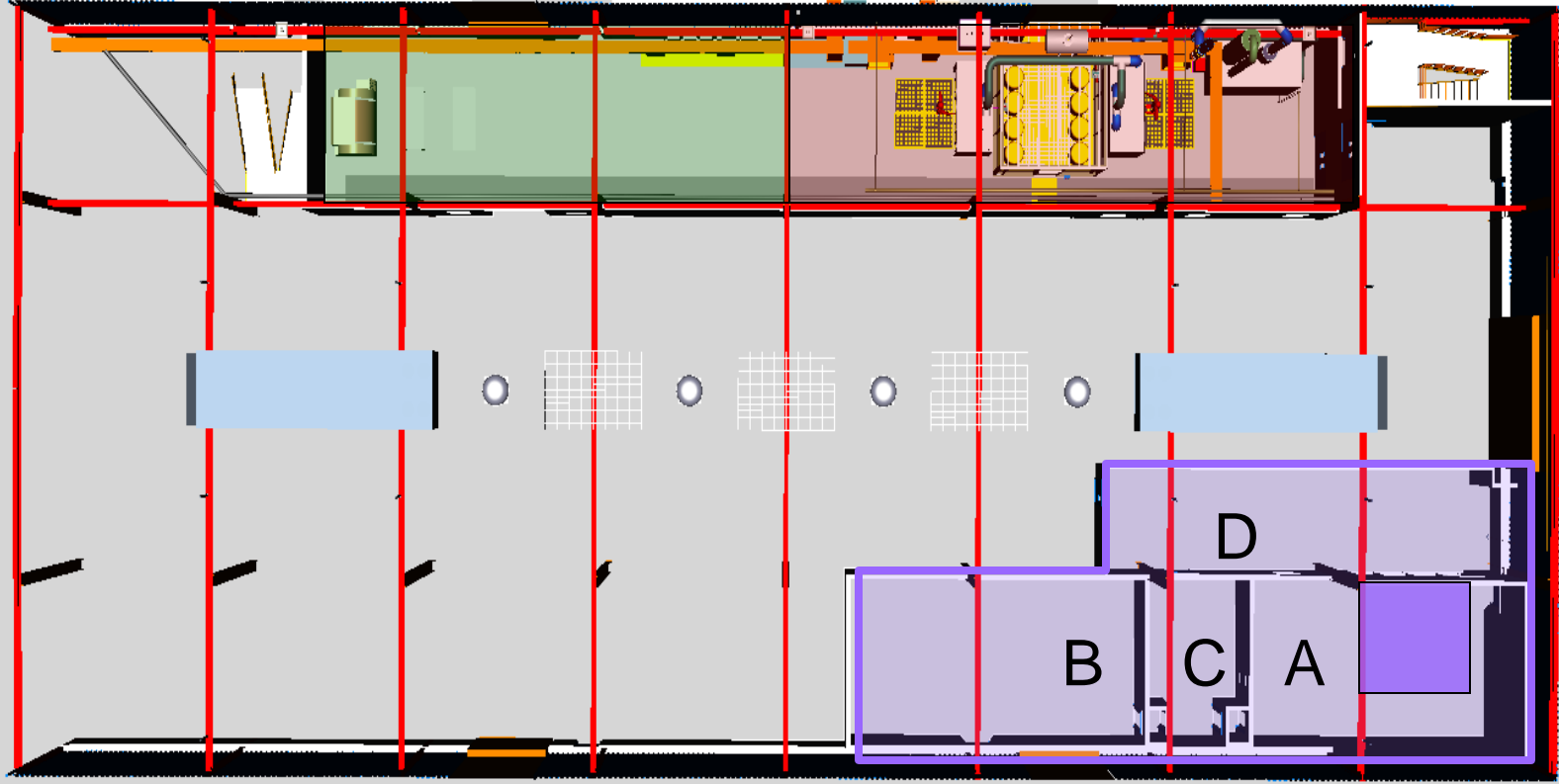
## Industrial Building 4



North

Lab Area

Chemistry Area



Clean Area



To ICB

Figure 4-2. Route map of ICPA activities.

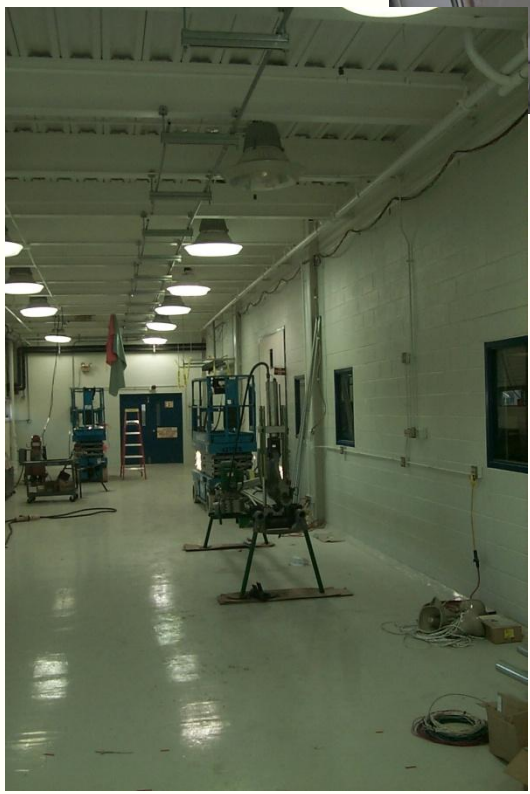
- **June 2007 – New TD project, Concepts for a “cavity processing facility”**
- **Nov. 2007 – Scope defined: 1-cell facility, design work begins**
- **Jan. 2008 – “Facility” is an “Apparatus”**
- **June 2008 – Conceptual design finished**
- **July 21, 2008 – Independent panel reviews and approves design**
- **Aug. 2008 to May 2009 – procurement of major equipment**
- **Nov. 08 to June 09 – Installation of class 10 module clean room, most UPW items except buffer tank**
- **Aug. 08 to May 09 – Preparation of environmental permits**
- **Sept. 23, 2009 – Wastewater pre-treatment permit awarded**
- **October 5, 2009 – Air emissions permit (Labwide) awarded**
- **Nov. 09 – Mar. 2010 – Final installation of UPW system (FNAL completed work under vendor cure order)**
- **Jan. 2010 – June 2010 – Chemistry area renovation and construction**
- **June 2010 – HPR tool begins ORC**

- **Chemistry**
- **Chemistry area construction and installation of major items is 99% complete**
  - Air flow tests, balancing will occur ~this week
  - Minor finishing work remains on acid work enclosure
- **Electropolishing tool assembly is beginning (Target: 30 Sept)**
  - Unique, FNAL-designed item
  - Modifications to include water cooling
- **EP controls development is in process (Target: 30 Sept)**
- **ORC issues under development (Target: 1 Jan 2011)**
  
- **HPR and Clean Room**
- **HPR system in ORC phase (Target ops: 1 October)**
  - Pressure test this week, followed by shake-down per ANL procedures
  - After TD shake-down, formal procedures go to review committee





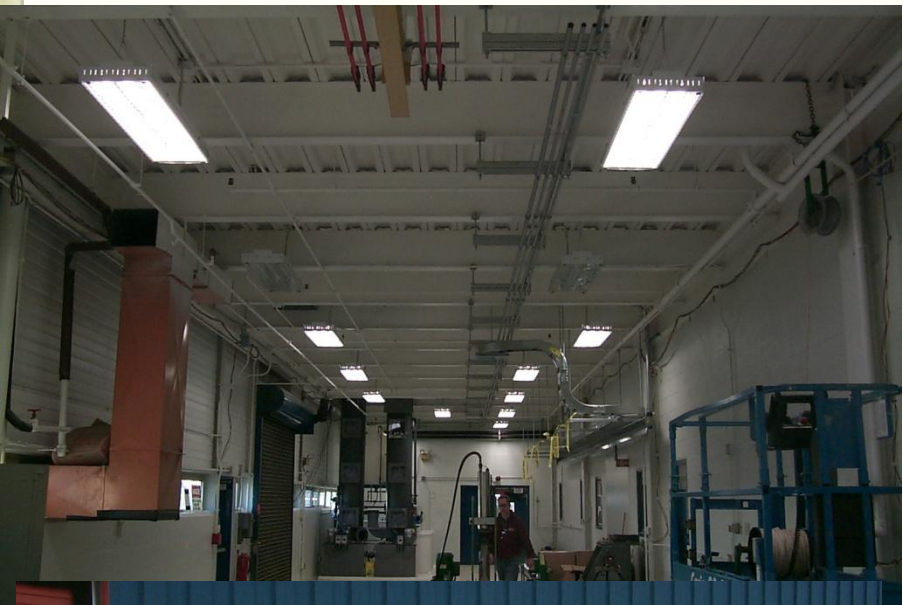
Jan. 2010



# Scrubber arrives









# Acid storage area



