

# NCSX Manufacturing Information Meeting

Plan is to hold ONE information meeting this summer that will cover the two main NCSX systems:

1. Modular coils, including castings;
2. Vacuum vessel

**The information meeting is scheduled for August 15**

# Purpose

1. To gain general information about potential vendors and the state of the art.
  - This input may modify our thinking on designs, specifications, budgets, schedules, etc.
2. To solicit proposals for manufacturing studies.
  - We hope to release several orders for modestly funded (\$20-30K) manufacturing studies

# Getting Started

First priority is the modular coils.

- This effort will serve as the prototype for future areas.
- We need to:
  - Prepare a design overview presentation that will be posted on the web and presented at an information.
    - Should include what potential vendors need to know to manufacture the part.
  - Prepare a System Design Description (SDD). This will serve as the basis of the information required for a manufacturing specification that will come later.
  - Prepare a draft Manufacturing Specification.
    - Will include expected QA and reporting requirements.

# Proposed Schedule – Modular Coils

(vacuum vessel tasks lag by 1 week)

- July 11-Write a descriptive paragraph for Procurement to advertise the information meeting (Heitzenroeder/Nelson)
- July 18 – Prepare a SDD for the modular coils. Discuss at the July 18 Wednesday meeting.  
(Heitzenroeder/Reiersen/Nelson)
- July 20 – Update and post the Design Overview presentation for the modular coils. (Nelson/Heitzenroeder)
- July 27 – Prepare a draft Manufacturing Specification for the modular coils  
(Chrzanowski/Heitzenroeder/Nelson/Goranson)
- August 15– Hold the information meeting on the modular coils and vacuum vessel.
  - Will include both on site and off site (MCI phone bridge / slides from web) participation.

# Proposed Schedule – Vacuum Vessel

- Propose staggering the schedule by 1 week.
- Will include explosion forming, casting, press forming vendors.
- The Vacuum Vessel information meeting will be held at the same time as the modular coil information meeting.