

Norbert Holtkamp  
Accelerator Systems Division  
Division Director

PHONE: (865) 241-6945  
FAX: (865) 241-6739  
Cell Phone: (865) 919 1070  
E-MAIL: [holtkamp@sns.gov](mailto:holtkamp@sns.gov)

12/3/2003

## Overview:

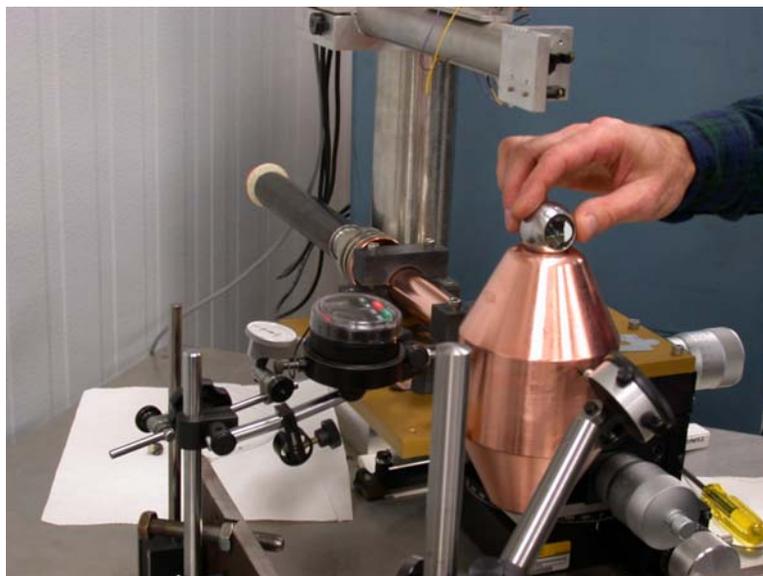
149 out of the total of 210 drift tubes are at Oak Ridge. Fiducialization, magnet mapping, and leak testing of DT's for DTL-3 and DTL-6 are currently in progress. DTL-3 DT's are the priority and installation of these DT's is expected to begin in mid December. We expect to have tank 4 assembled and ready for tuning in ~ 10 days. All DTL-5 DT's that are in house have been processed and are ready for installation. This activity will begin later this month.

## LANL:

The delivery of components is in full swing. The recovery plan for DTL 2 drift tubes that shrunk works satisfactory and is a little ahead of the schedule posted 2 weeks ago. We expect them to be delivered by December 18<sup>th</sup> now.

## ORNL:

The remaining six DT's for DTL-4 (4 EMD and 2 BPM DT's) have been received at ORNL. In house testing is being performed in preparation for installation and alignment that will begin later this week. Following alignment, tuning will begin which is expected to be complete by the end of December. We have received and are processing a total 16 EMD and 2 BPM drift tubes. Once processed, we will be able to finish drift tube installation on DTL4.



Component	Engineer	Tank 3				Tank 1				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered
EMDs	O'Hara		4	Complete	4		4	5-Dec-03	0	
BPMs	Bergmann		2	5-Dec-03	0					0

Guess
Complete
Negotiating Contract
Next 7 days
Overdue
Change

Component	Engineer	Tank 4					Tank 5				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	Gentzlinger	4A	7	Complete	7		5E	8	Complete	8	0
		4B	6	Complete	6		5F	7	Complete	7	0
		4C	6	Complete	6		5G	8	Complete	7	0
		4D	8	Complete	8						
Dummies	Gentzlinger										
EMDs	O'Hara		4	Complete	4	4	4	Complete	4	4	
BPMs	Bergmann		2	5-Dec-03	0		2	5-Dec-03	0		
Top hats	Rowton	1.25"	27	Complete	27	0	1.25"	23	Complete	23	
Shrouds	Rowton		27	Complete	27		23	Complete	23		
Endwalls	Turon		2	Complete	2		2	Complete	2		
Post Coupler Kits	Smith		27	Bead Pull + 15	0		23	Bead Pull + 15	0		
Slug Tuners	Smith		12	Bead Pull + 7	0		12	Bead Pull + 7	0		
Access Ports	Smith		2	21-Nov-03	0		2	12-Dec-03	0		
RF Grills	Smith		4	21-Nov-03	0		4	12-Dec-03	0		
Wave Guide-Iris			1	Complete	1	0	1	Complete	1	0	
Window	Young		1	Complete	1	0	1	Complete	1	0	
Stands	Turon		1	Complete	1		1	Complete	1	0	

Milestones	Date	Date
Ready for RF	?	?
Ready for Beam	28-Feb-04	28-Feb-04
Tank Commissioning complete	18-Aug-04	18-Aug-04

Component	Tank 6					Tank 2				
	Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	6H	10	Complete	10	10	2J	12	16-Dec-03	0	
	6I	11	Complete	10	10	2K	12	16-Dec-03	0	
Dummies						2L	11	16-Dec-03	0	
EMDs		4	Complete	4	4	2M	8	18-Dec-03	0	
BPMs		2	5-Dec-03	0				None	0	
Top hats	1.25"	21	Complete	21			4	5-Dec-03	0	2
Shrouds		21	Complete	21		.75"	41	16-Dec-03	0	
Endwalls		2	Complete	2		1.00"	6	16-Dec-03	0	
Post Coupler Kits		21	Bead Pull + 15	0			47	16-Dec-03	0	
Slug Tuners		12	Bead Pull + 7	0			2	Complete	2	
Access Ports		2	12-Dec-03	0			27	Bead Pull + 15	0	
RF Grills		4	12-Dec-03	0			12	Bead Pull + 7	0	
Wave Guide-Iris		1	Complete	1	0		1	5-Dec-03	0	
Window		1	Complete	1	0		4	5-Dec-03	0	
Stands		1	Complete	1	0		1	Complete	1	0
							1	Complete	1	1
							1	Complete	1	

Milestones	Date	Date
Ready for RF	?	?
Ready for Beam	28-Feb-04	30-Jan-04
Tank Commissioning complete	18-Aug-04	1-Apr-04