

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

12/11/2003

Summary Comments:

The delivery of drift tubes, special components and support equipment continues to make good progress. The present schedule compared to last week holds and all of the drift tubes should be delivered by within the next week or so. Fiducialization and assembly at ORNL continues at full speed. The progress right now is limited mainly by manpower. ORNL and LANL have decided to support this further by funding a change of station for a senior person from LANL to ORNL for approximately the next three months. He will also be overseeing the production of slug tuners and post couplers. A second tuning device (beat pull) is nearly finished to support field tuning for DTL and CCL simultaneously. ORNL has also devoted more manpower to the job to hold the DTL 1-3 commissioning deadline.

LANL:

The final 4 (of 24) SNS electromagnetic dipole (EMD) drift tubes were shipped to ORNL. (2) Six beam position monitor (BPM) drift tubes were shipped to ORNL. Eight (of ten) have been shipped. We are working on the final two. Twentyfour tank-2 drift tubes are at the copper plater. Deliveries to CMI should begin on 12/8 for final processing. The remaining drift tubes except for 2-27 & 2-30 (see below) will be delivered to the plater on Sat 12/6. The remaining 2 intertank beam boxes are at LANL for leak checking. (5) Three rf grills were delivered to ORNL. (5) Tank-5 top hats and manifolds were shipped to ORNL. To date, 165 of the 210 drift tubes have been shipped to ORNL. The remaining 45 are nearing completion with delivery scheduled in approximately 2 weeks.

ORNL:

Drift tube processing continues. We now have 165 of the 210 drift tubes in-house and are working rapidly to run them through our pre-installation checks which include fiducialization, magnet mapping, and leak testing.



DTL5 and 6 Hardware arriving: We are receiving shipments almost daily of components for DTL assembly and these are parts for tanks 5 and 6 drift tube assemblies.

Guess
Complete
Negotiating Contract
Next 7 days
Overdue
Change

Component	Engineer	Tank 3					Tank 1				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
EMDs	O'Hara		4	Complete	4	0		4	Complete	0	0
BPMs	Bergmann		2	11-Dec-03	1	1					

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

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