

S1-G Module-A assembly status (20100406)

(Norihito Ohuchi)

S1-G Module-A assembly status

(Completed jobs: March 29 ~ April 6)

- March 29

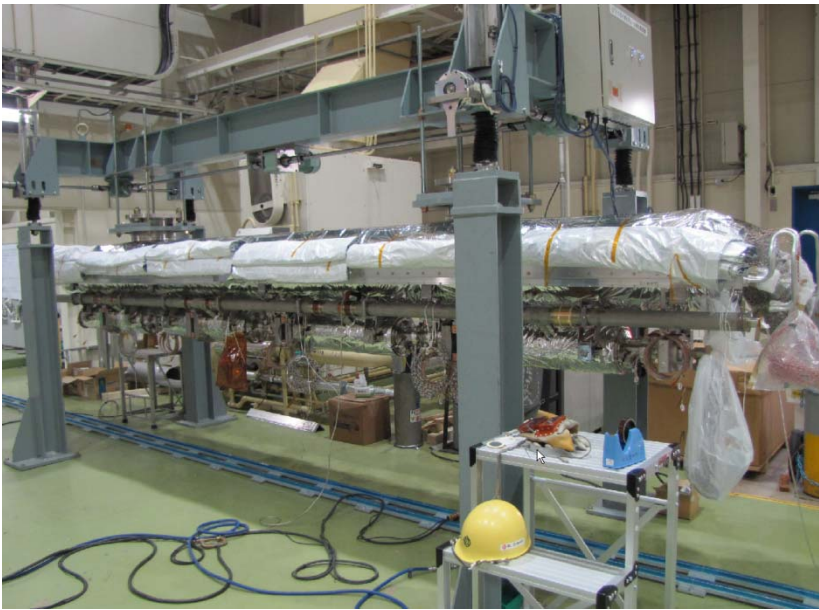
1. Begin of the Module-A assembly. Preparation of Module-A assembly.

- March 30~April 2

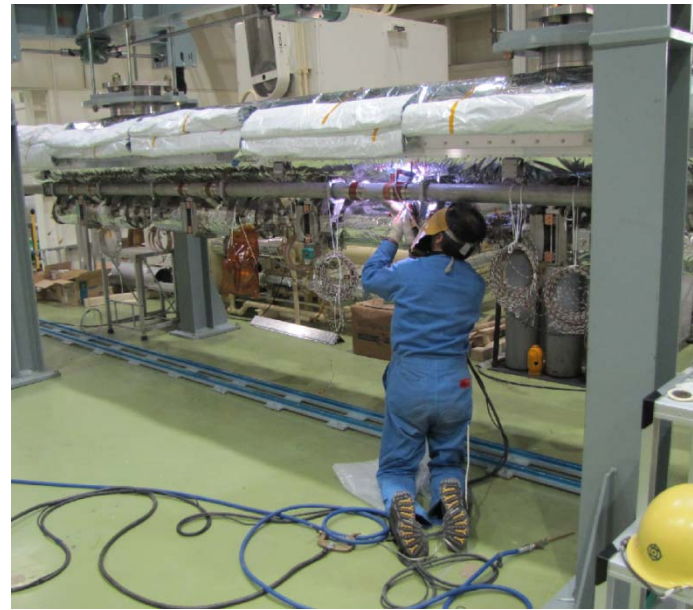
1. Wrapping SI on the gas return pipe.
2. Assembling 5K upper shields, mounting temperature sensors and wrapping SI.
3. Assembling 80K upper shields and mounting temperature sensors.
4. Attaching the cold mass to the assembly stand.
5. Supporting the cavity string from the GRP.
6. Alignment of the cavities.

- April 5~6

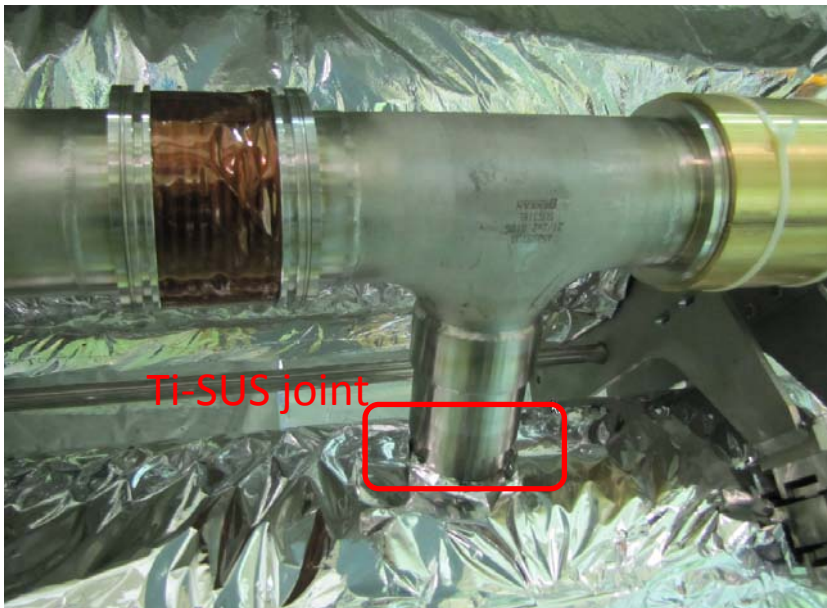
1. Setting the LHe supply pipe and welding the pipe to cavity jackets.
2. Cleaning the vacuum vessel of Module-A.
3. Mounting SI on the 80K upper shields.



Cold mass and KEK cavity string under the assembly stand



Welding LHe supply pipe to the cavity jacket



Welded LHe supply pipe



Cleaning of Module-A vacuum vessel

Assembly Schedule of Module-A

	2010	March	April				May			
		29	5	12	19	26	3	10	17	24
Module-A assembly										
Mounting the KEK cavity-string to GRP										
Welding LHe supply pipe and cool-down pipes/PT and LT										
Mounting sensors and wiring/SI on LHe supply pipe/Assembling 5K shield										
SI on 5K shield/ Assembling 80K shield										
SI on 80K shield/Checking sensors/Inserting the cold mass into V.V./Installing Module-A in the tunnel										
Intermediate area between Modules and 2K cold box										
Welding pipes between Module-C and 2K cold box										
Welding pipes in the Module-A end										
Welding pipes between Module-C and Module-A/PT, LT of cooling pipes/Assembling beam pipe										
Assembling thermal shields/SI/Wiring										
Assembling warm input couplers										
Closing Modules/Vacuum pumping Modules/Final LT										
Preparing cool-down										
Cool-down and cold test										

Module-A assembly is on schedule.