

# Status of Cryomodule-A for S1-Global at KEK

**Eiji Kako**  
**(KEK, Japan)**



# He Jacket Welding of 4 KEK cavities

MHI-06



MHI-07

MHI-09

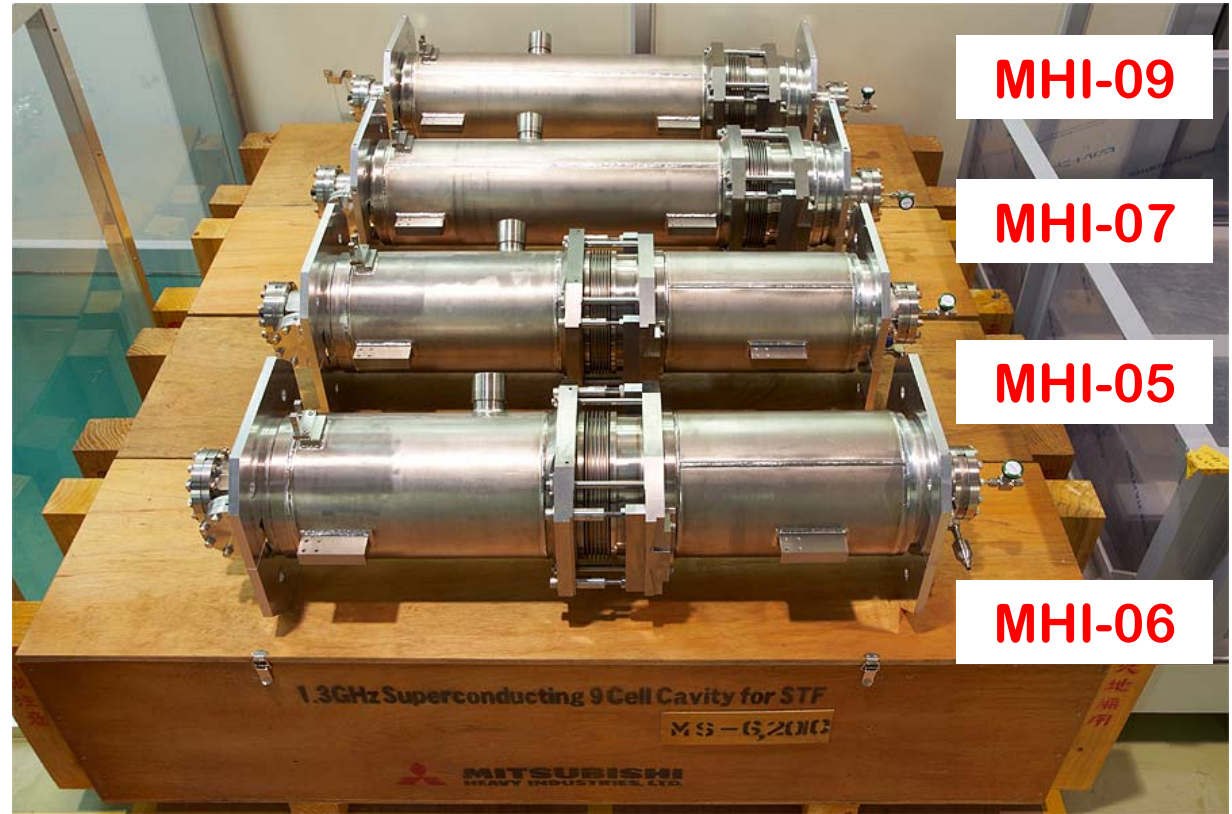
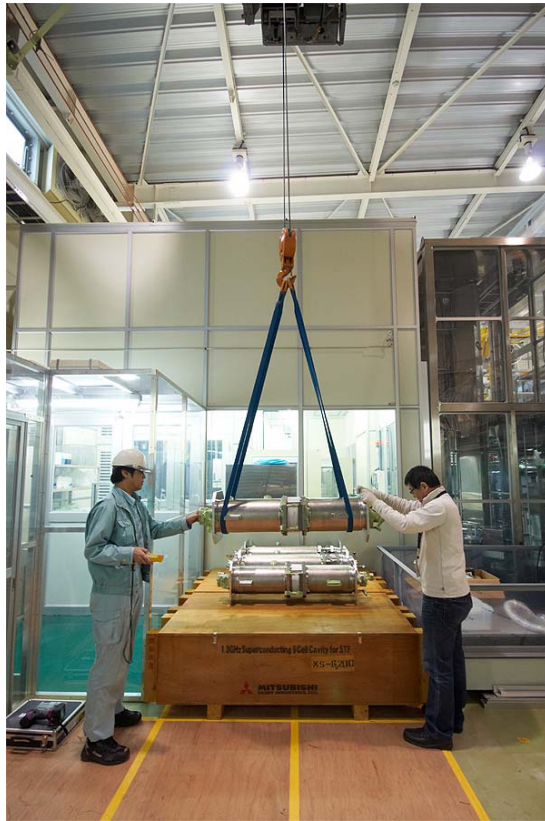
at MHI-Kobe  
2010, Jan. 29



MHI-05



# Delivery of 4 MHI Cavities at KEK



Four MHI cavities (MHI-05, 06, 07, 09) arrived at KEK in 16th, February.





# Preparation of Cavity Support Posts



**Class-1000 Clean Room (19th, February)**



# Cleaning of Cavities with Car Washer



**Entrance of Clean Room  
(23rd, February)**





# Installation on Support Posts



**MHI-07 Cavity**

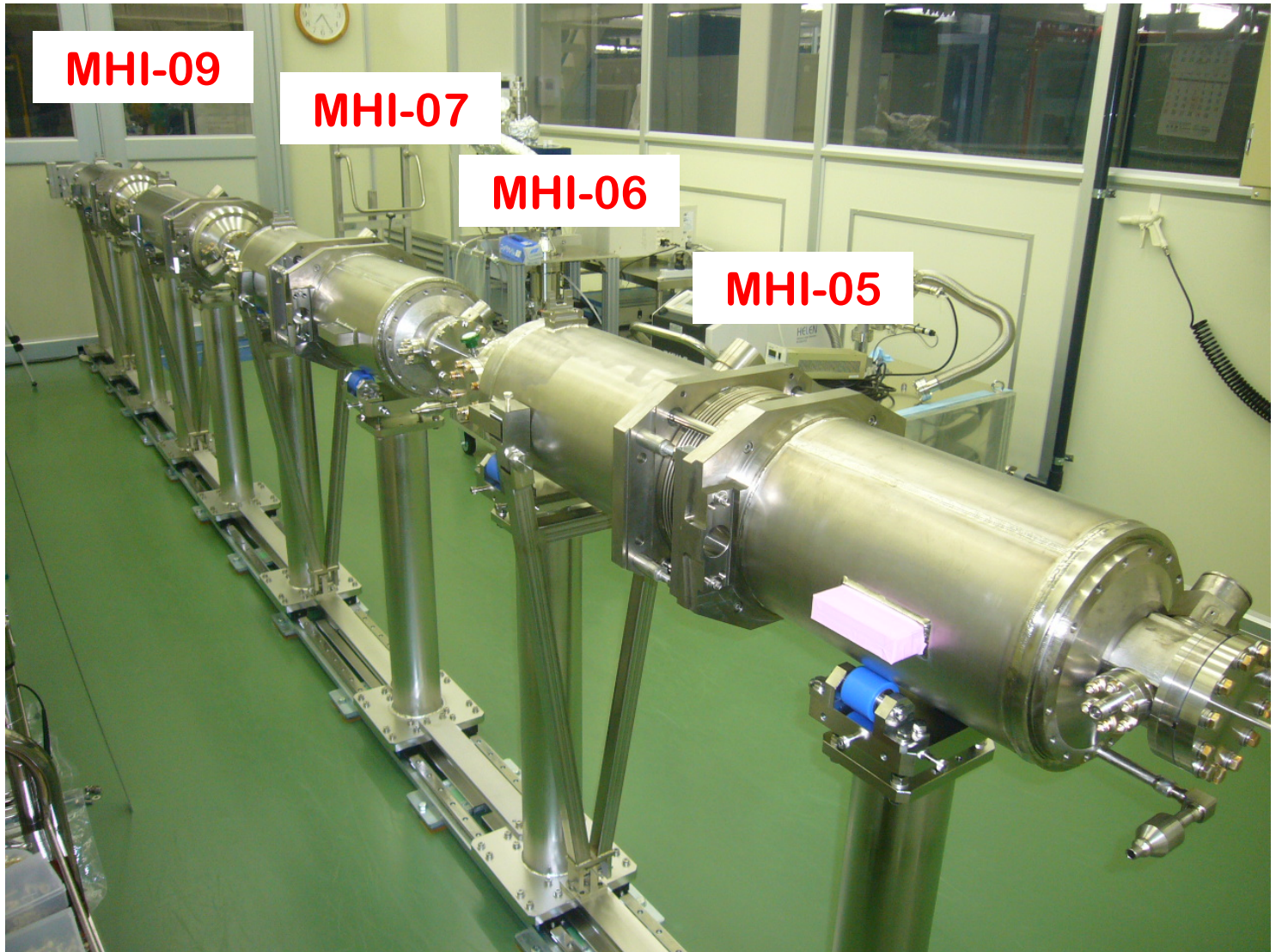


**Class-1000 Clean Room  
(23rd, February)**



# Preparation of Cavity String Assembly

23rd,  
February  
2010'



Class-1000  
Clean Room

E. KAKO (KEK)  
2010' Feb. 23

Webex meeting S1-G  
Global Design Effort





# Schedule: String Assembly of KEK Cavities

**Feb. 22 ~ ; class-1000 clean room**

Cleaning and setting of 4 KEK cavities

Cleaning and disassembly of 4 input couplers

Preparation of Gate-valve, Taper & 3 Bellows

**Mar. 01 ~ ; class-10 clean room**

String assembly of 4 KEK cavities

Leak check, Ar gas slow leak up to 1 atm

**Mar. 08 ~ ; outside of clean room**

Slide-Jack tuner assembly, Align. of 4 cavities

**Mar. 15 ~ ; outside of clean room**

Tuner drive check, RF meas. (fo, Qext, stroke)