



# MONALISA at ATF2

## Plans for first installation

30 June to 19 July 2009

# Timeline

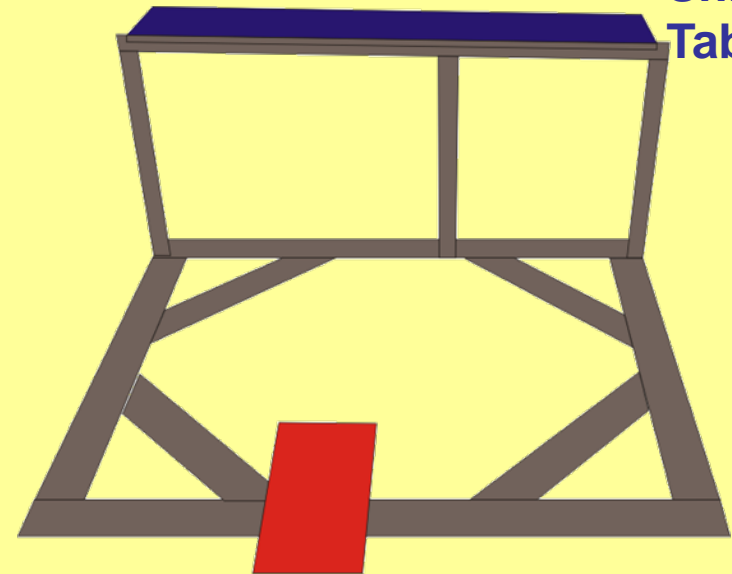
- **until 21 Jun** Vacuum tests at Oxford
  - **22 – 23** Packing for shipment
  - **23 – 24** Collected from Oxford
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- **30 Jun – 2 July** Paul, David and equipment arrive at KEK
  - **2 – 6** Assemble 1<sup>st</sup> vac test, wooden frame
  - **7 – 8** Transfer assembly to accelerator
  - **9 – 15** Vibration tests on accelerator
  - **16 – 18** Dismount assembly

# Oxford status

- Wooden test frame assembled
- Double bellows in Oxford lab
- Vacuum end boxes being finalised in workshop
- Assembly mounting onto wooden test frame
- Pressure / leak tests until monday



Shintake  
Table



QD0

# Double bellows after unpacking



# Shipment to Japan

- We will ship vacuum system and test frame.
- 2 crates: Size/weight in e-mail to Terunuma-san
- Arrival at Narita weekend of 27-28 June
- We need contact for transport company which will collect from Narita.
- Paul arrives 30. June
- Expect crates to be received at KEK 1. July
- David arrives 2. July

# KEK programme: Part 1

- Receive 2 crates Wed 1 July
  - 2 crates arrive at KEK
- Move both crates to 1<sup>st</sup> test area
  - Assemble wooden frame
  - Assemble vacuum system:
    - Leak test
    - Pressure test
  - Disassemble vacuum system
- We would like to agree a suitable test area

# KEK programme: Part 2

- Move vacuum system parts to IP area
  - Tue 7<sup>th</sup> July
- Assemble onto QD0 and Shintake table
  - Mount end boxes onto QD0 and shintake
  - Connect double bellows from the centre
  - Close vacuum system:
    - Leak test
    - Pressure test
    - Run seismometer vibration tests 9 – 15 July
  - Disassemble vacuum system
- Place into storage until autumn

# Reminder of requests

- We requested:
  - A scroll pump
  - Supply of compressed air
  - Leak test equipment
  - Hoist for lifting double bellows system
- We also need:
  - Area to assemble wooden frame with access to the 4 items listed above
  - Contact details for transport company carrying from NARITA to KEK



# Questions for Terunuma-san

- Where might be a suitable area for wooden frame assembly?
- What pneumatic fitting do we need to connect to compressed air supply source
  - in floor at IP and
  - in wooden frame assembly area
    - (if supply is not from floor)
- What is the approximate maximum pressure of the compressed air supply?