

KAGRA Cryogenics

Cryostat
Cryocooler Unit
Shield Duct
Cryogenic Payload

2012.04.16

Domestic Meeting
ICRR Kashiwanoha

Cryostat

2012 Mar. 30

Inspection and receiving.

FY. 2012

Successful bidder : Toshiba

Assembling of cryostats.

Performance test of cryostats.

Manufacture a shield duct by way of experiment.

Immediate issues

Select a window material

Fix number of wires through cryostat wall



4K Cryolooer Unit

2012 Mar.

Inspection and receiving for 7 units.

FY. 2012

Successful bidder : JeccTorisha

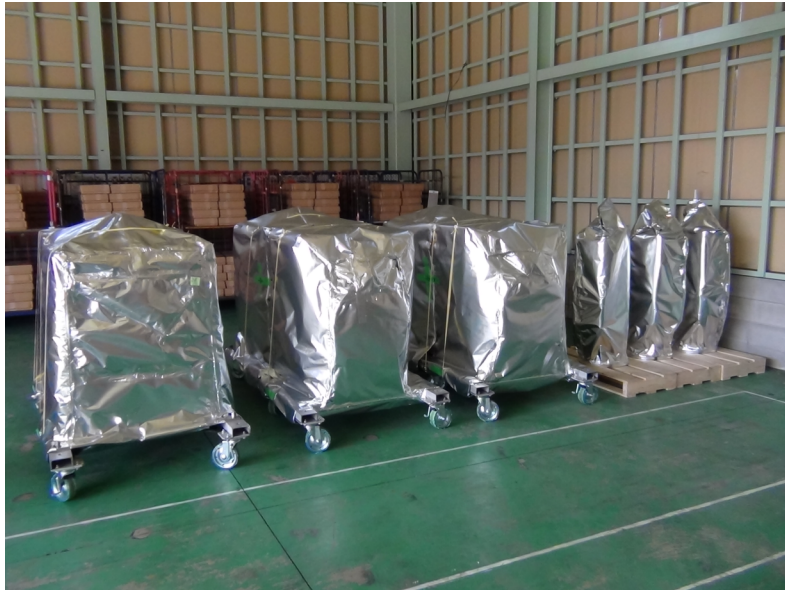
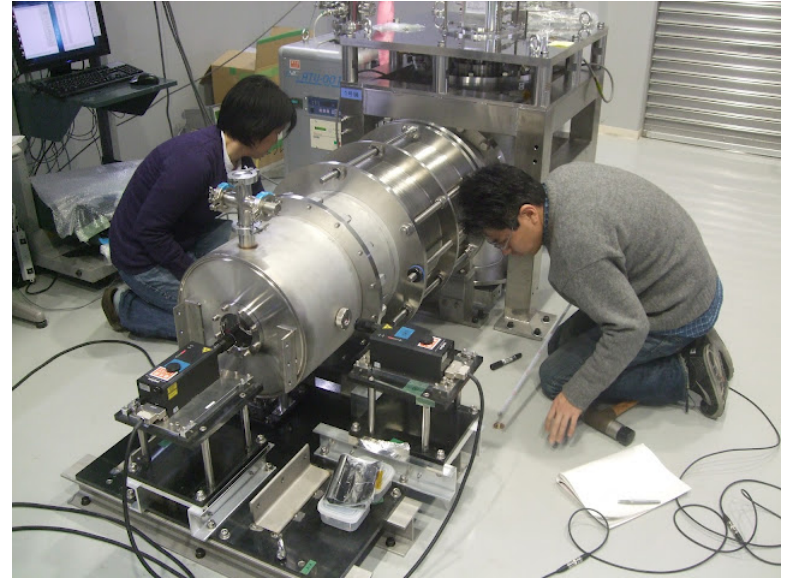
Manufacture 9 units.

Performance test.

Lend 8 units to Toshiba for test of cryostats.

Immediate issues

Reinforcement of VRS and supporting post of cooling paths.



Cryocoolers

2012 Mar.

Inspection and receiving

9 of 4K cryocoolers from SHI

2 of 50K cryocoolers from JAW

Storage : Kashiwa Lab.

