Cavity

* Arrives
* Insp (visual), serialize
* CMM
* RF incoming
* Assy to tstd
* Cav baking 120C
* Vtrf

HELV

* Inv x3, shell, probe end, fpc end
* Heater inv
* Liquid level probe inv
* Liquid level probe visual
* Hardware if in dif box inv
* Insp x3 (visual and CMM)
* assy 3 pieces to one sn (onto cavity), heater, llp
* dressed cav leak check

Qualify dressed cavity

* chem cln outside
* assy to tstd (same)
* vtrf (same)

if not qualified

-rework travelers will be needed

if qualified

* rmv tstd
* clean exterior
* slow bleed up
* HPR

Couplers (FPC)

* Inv (SN) with documentation
  + ORNL docs
  + Will come with misc items
* INSP – vis
* Leak
* Clean

Beamline Bellows

* Inv
* Insp – vis
* Leak

Supply warm to cold Bellows

* Inv
* Insp – vis
* leak

return w2c Bellows

* Inv
* Insp – vis
* Leak

Cold vat valves

* Inv
* Visual
* Leak

Right angle valve

* Inv

Ion pump

* Inv

Ion pump Tee

* Inv

Cavity string hardware

* inv

String assy

* FPCSN, CAVSN, beamline bellows, sw2c bellows, rw2c bellows, vat valves
* Leak test

**Cold mass assembly**

Inner mag shield

* Inv
* Insp – visual

Tuner assembly

* Inv
* Visual
* Little cmm

Tuner harmonic drives

* Inv
* Batch insp

Tuner motors

* Inv
* Batch inspection

MLI cold mass

* Inv

Helium outlet bellows & con bellows

* Inv
* Insp
* Leak check

Equalizer flex hose

* Inv
* Insp

Cold mass misc components

* Inv will recv 7 kits
* Insp kits (2/7)
* Leak check of some

Cold mass hardware (consumables)

* Inv (7 kits)

Cernox

* Inv (curves (SN tracking))

Helium feed thru 8 pin

* Inv
* Visual
* Leak check
* Cryo cycle for select sampling (cold shock)/test

RF cable for FP

* Inv
* Visual
* Cryo cycle for select sampling/test

8 pin heater wire

* Inv

Cold mass assy trav

* Includes above SNs
* Will include string

**Space Frame and shielding**

Space frame

* Inv
* Insp

Thermal shield

* Inv (ask if x3)
* Insp

Outer mag shield

* Inv
* Insp (visual)

MLI installation

Space frame and thermal shield assembly traveler

* Alignment group
* Cavity string/cold mass

***Vacuum vessel***

VV

* Inv
* Visual
* Insp
* Leak test

Supply end can SENC

* Inv
* Visual
* Insp
* Leak test

Return End can RENC

* Inv
* Visual
* Insp
* Leak test

Matt List

JT Valve

* Inv (cryo build)
* Insp

JT Valv actuator

* Inv (cryo build)
* Insp

RENC heat exchangers

* Inv
* Insp
* Ship to vendor for assy to renc

RENC parallel plate relief valves

* Inv
* -insp

VV end plates (supply & return)

* Inv
* Insp

Assy vv traveler