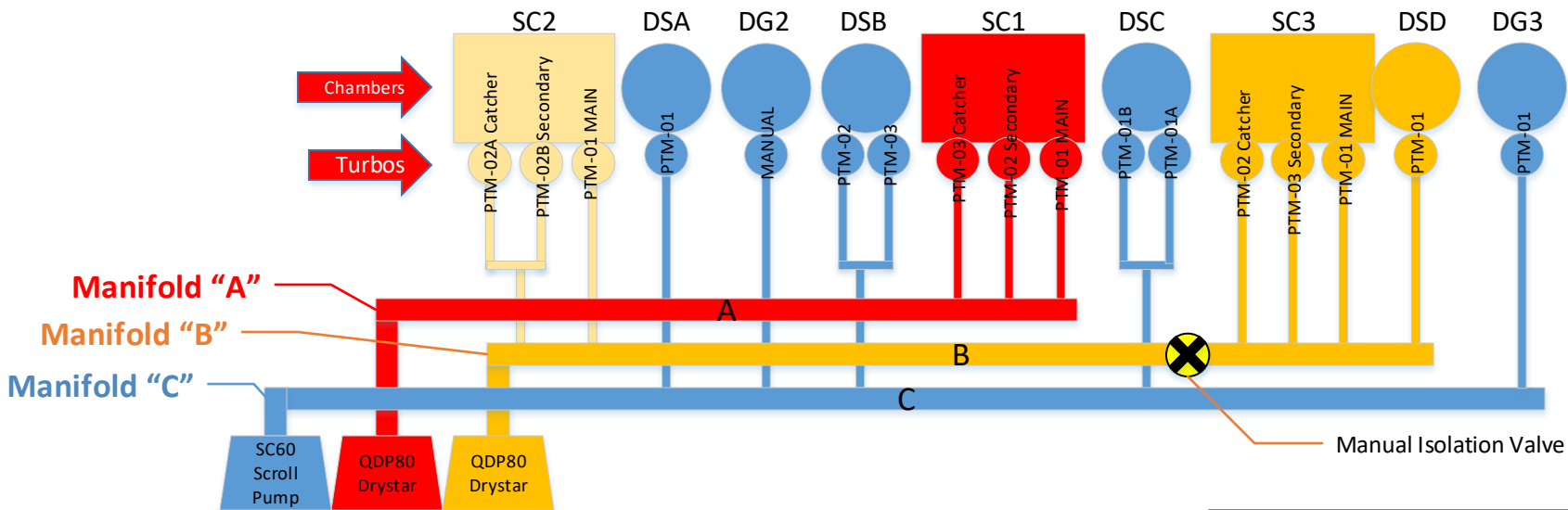


CXI New Rough Vacuum Manifold System as of 8/23/18



Manifold "A" services ONLY SC1 turbo's.
Manifold "B" services ONLY SC2 turbo's (or) SC3 and DSD turbo's.
Manifold "C" services all of the more static chamber turbo's.

All associated foreline VIC valves and GPI gauges are still in use as before, just connected to a manifold system instead of a dedicated pump.

SC1, SC2, and SC3 injector differential vacuum systems are still on independent dedicated small scroll pumps.

To Pump Down or Vent SC1, SC2, or SC3/DSD, actuate all turbo foreline valves associated with that chamber, at the same time.

To Pump Down or Vent DSA, DSC, DG2, DG3, or DSB, "CLOSE" each foreline valve on Manifold "C" first, then vent/pump the appropriate chamber, then "OPEN" the other foreline valves on Manifold "C" and restart turbos if needed. Do Not dump an excessive gas load into the manifold while other chambers are open to it.



The old "SCROLL PUMP" icons on EPICS are now labelled "A", "B", or "C", to indicate the manifold.