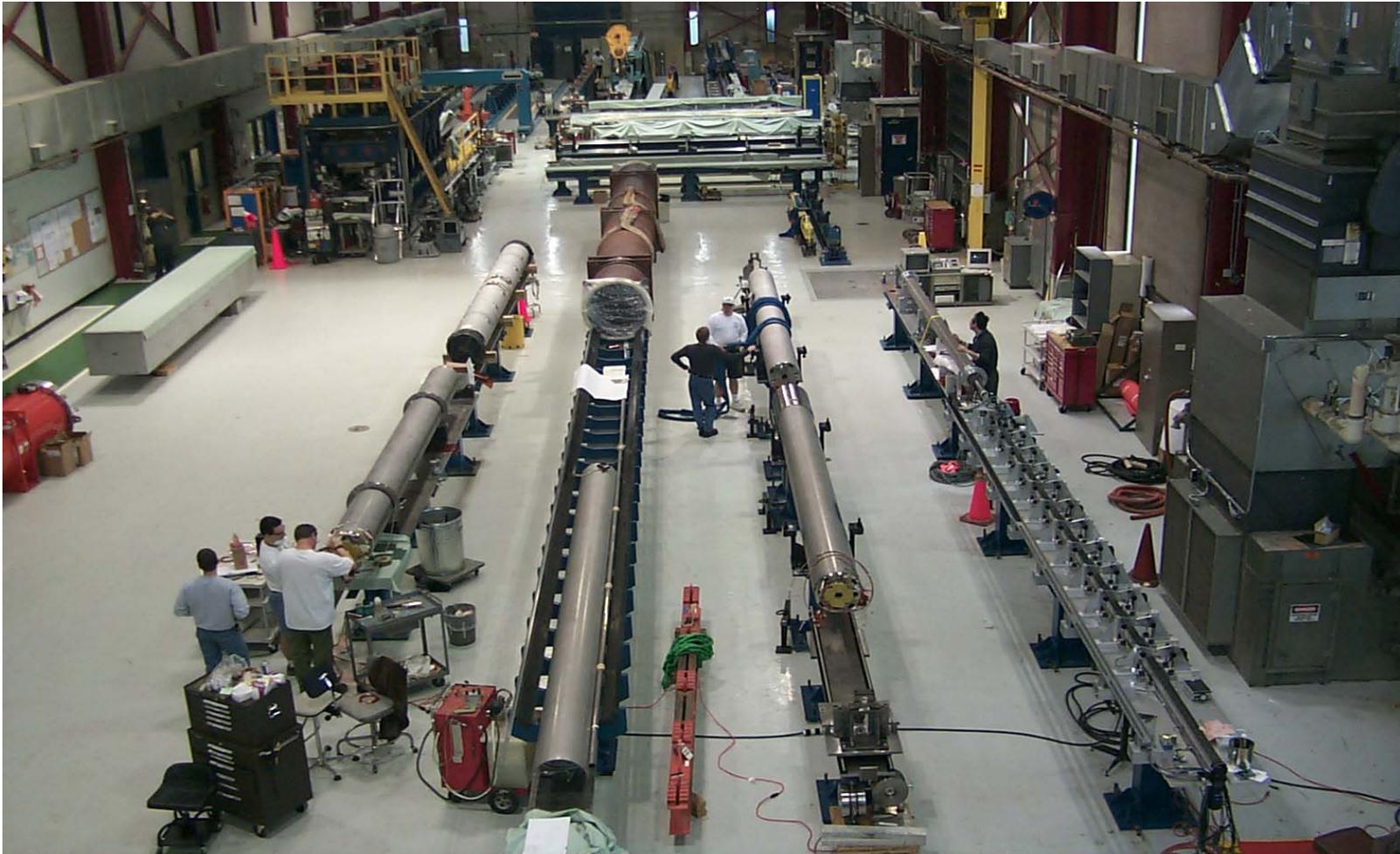
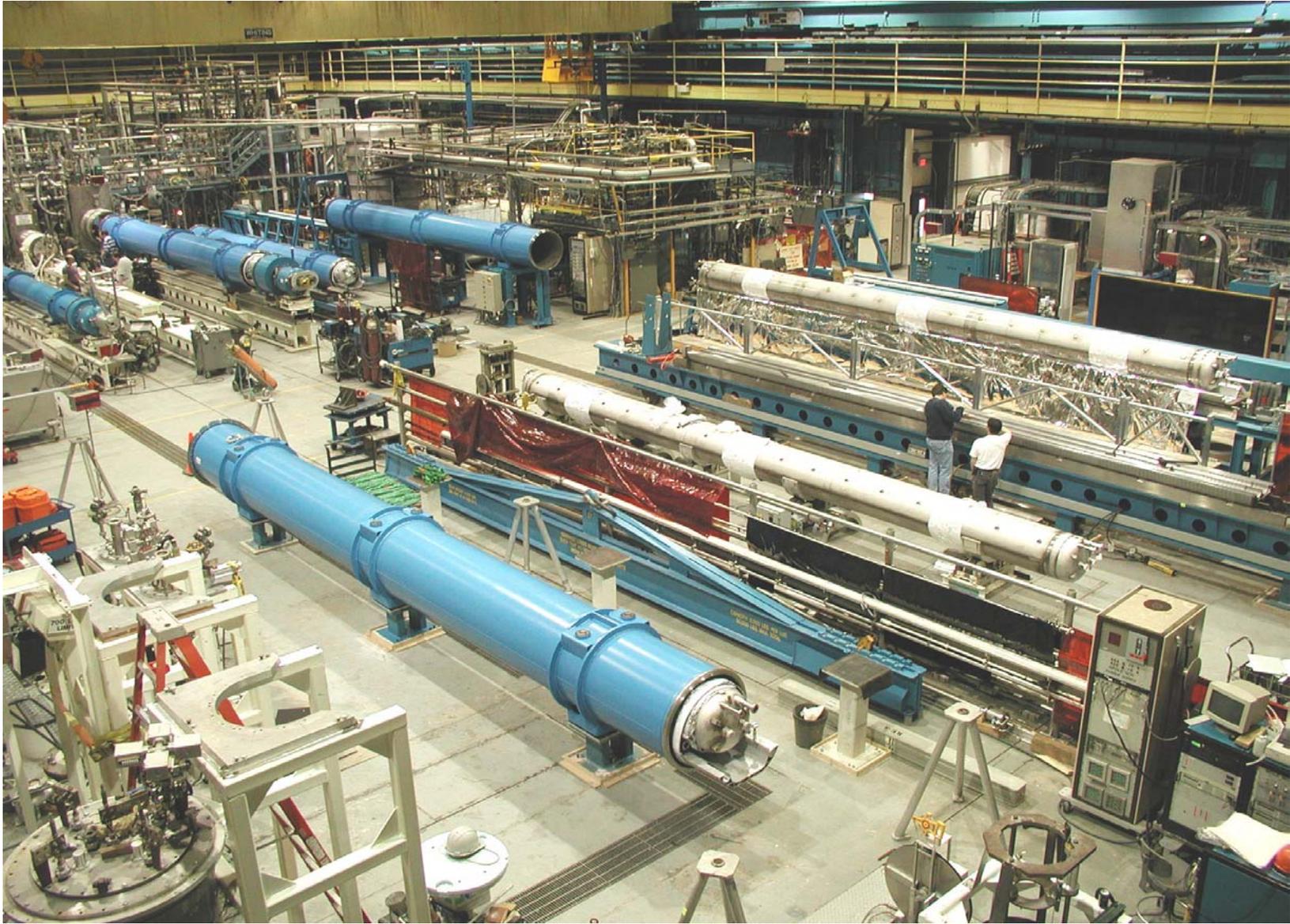


U.S. LHC Accelerator Project- Progress 2nd Quarter FY 2002



Above- Fermilab U.S. LHC Magnet production floor. Five of eighteen Interaction Region quadrupoles are completed or in production. Shown in the foreground are completed cold masses for three of these quadrupoles, a completed collared coil assembly for one, and a completed Japanese-KEK provided quadrupole cold mass that Fermilab will integrate into a completed Inner Triplet quadrupole assembly. The completed quadrupoles are undergoing tests, and preparations are underway to assemble the first complete “Q2” element using two of these quadrupoles.

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Above- BNL U.S. LHC Magnet production floor. All five D1 Dipole magnets are complete, and three are undergoing quench and field performance tests. Five of nine D2 dipoles are complete, with all D2 coils wound, and cold masses for three in production.

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Above are “copper clamshell” assemblies for the secondary beam absorbers (TAS) that protect the Inner Triplet elements.

Interaction Region Absorber components under production at LBNL.

Red element below is steel shielding for the neutral beam absorber (TAN) that protects the Interaction Region dipoles.

