TDR Part 1 Section 2.8
Superconducting RF Technology: R&D toward mass-production and design for manufacture

Cavity - Mass Production / Plant Studies

1. EU
    1. XFEL (in process) 800 cavities, 2 vendors, 2 years
    2. Study for 18000 cavities, 3 years
2. Americas - done, 6 yrs, 3600 cavities
    1. Sensitivity studies on yield; technique; qty from 1 to 10,000
    2. Material Material Material
    3. Plant layout, labor cost
3. Asia (in process) (J)
    1. Cavities..540 / yr

Draft/sometimes final studies just (!) received.

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Cryomodule - Mass Production / Plant Studies

1. EU
    1. Cryomodule Ass'y study (due in ~1 month)
        1. 650 or 1950 cryomodules; 4 years
        2. Parts / tested subassemblies delivered
        3. Plant + Labor for Incoming inspection → delivery for RF test
2. Americas
    1. Cryomodule Parts and Ass'y study (update of 2007 study) (Apr 2012)
        1. 450 cryomodules; 6 years
        2. Parts / subassembly costs updated as possible from ARRA experience (w/ lc)
        3. Plant + Labor for incoming inspection → delivery for RF test (largely unchanged)
        4. Some clarifications in next ~2 days
3. Asia
    1. Cryomodule Assy & Test Layout (J/E) (Apr 2012)
        1. 390, 975, or 1950 cryomodules; 6 years
        2. Assembly and Test Layout; touch labor + plant
    2. Cryomodule Mfr Study (J/E) (Apr 2012)
        1. 390, 975, or 1950 cryomodules; 6 years
        2. Parts manufacturing study; materials and labor
    3. Split Quad Study (J)

Draft/sometimes final studies just (!) received.