

## Sector 7-8 consolidation

F. Bertinelli / AT-MCS

(on behalf of A. Poncet, M. Felip-Hernando, P. Fessia and many others)

- **update since ICC 21 September, 2007**

# Final ongoing activities i/ii

- PIMs:
  - installation by VAC (A. Vidal) starts this morning (1 day earlier) from R7 to L8, tacking by IEG starts this afternoon, welding by IEG starts tomorrow
  - machine missing PIMs in parallel (VAC)
  - leave holes for ball tests (without BPMs in R7) Thursday and Friday evening
  - finish all PIMs welding end week 40
  - single extended VAC tests on V lines
- Closure W bellows:
  - 1<sup>st</sup> team started last week 38, ~ 5 IC per day, from L8 to R7
  - 2<sup>nd</sup> team starts tomorrow, estimate overall 50 IC per week
  - final inspections ongoing (P. Thonet, instrumentation)
  - deliver first VAC sectors this week 39
  - final W closures week 43
  - planning for following activities (water maintenance, flushing, ...)

- Localisation leak KC' in R7:
  - KC' circuit rewelded this week
  - leak testing with pressurised QRL ongoing
  - close all W bellows in R7 by end week 40
  - continue localisation
- Final electrical connections:
  - MPAQ Q11R7 to DFBAO in L8 passed yesterday
  - BB brasing and US spools on QQBI.11R7 ongoing
  - MPAQ DFBAO to DFBAN next week
- Triplet L8:
  - need release PIMs for final welding (VAC action please)
  - localisation of “old” leak on cold mass circuit ongoing ( $\sim E-4$  mbarls<sup>-1</sup> seen in 2006 before pressure test)
- P. Fessia will coordinate the last weeks of work in 7-8 (same, fewer CERN and IEG resources working in several sectors)