

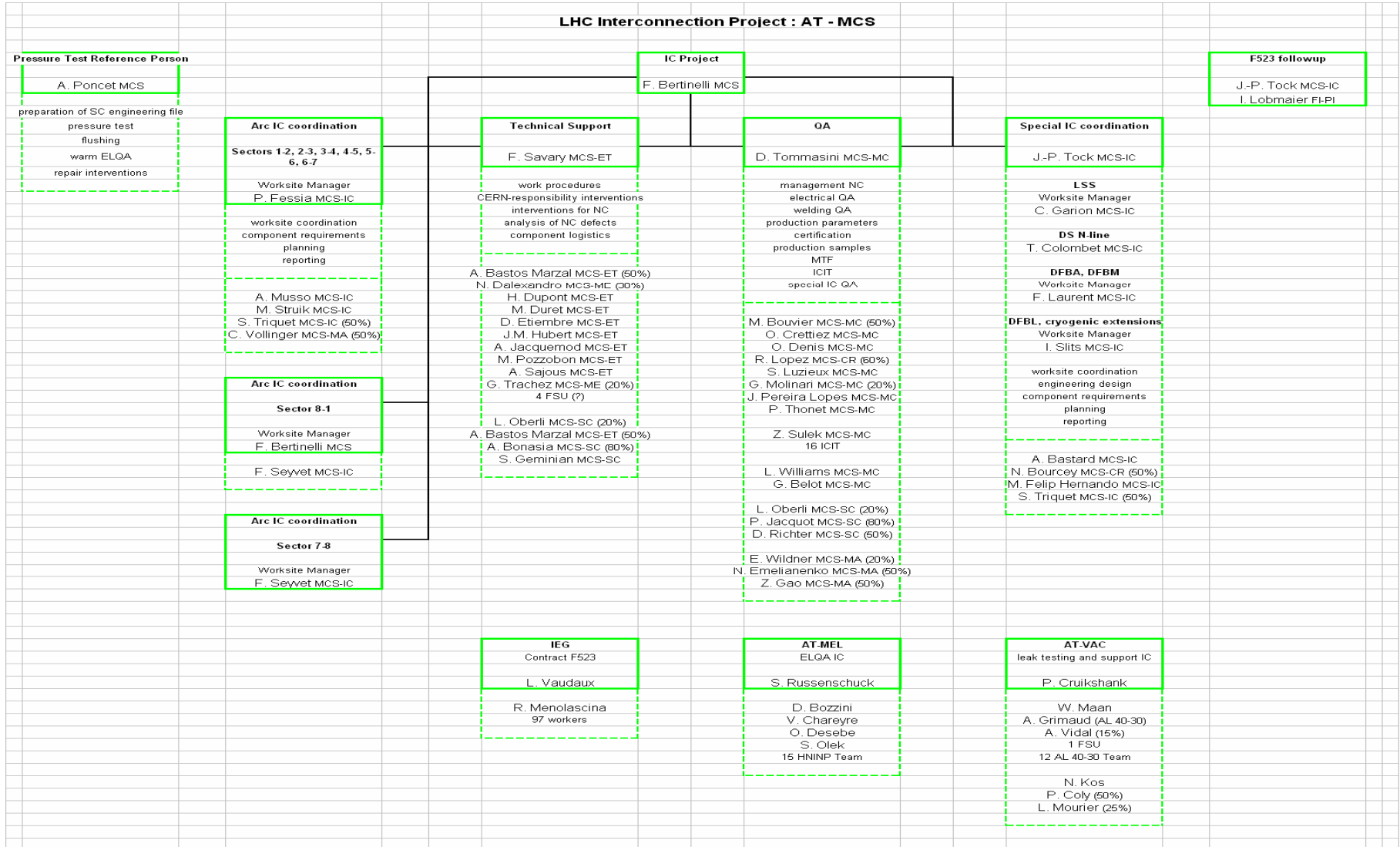
LHC Arc Interconnections: monthly update

F. Bertinelli / AT-MCS

(on behalf of IC Team)

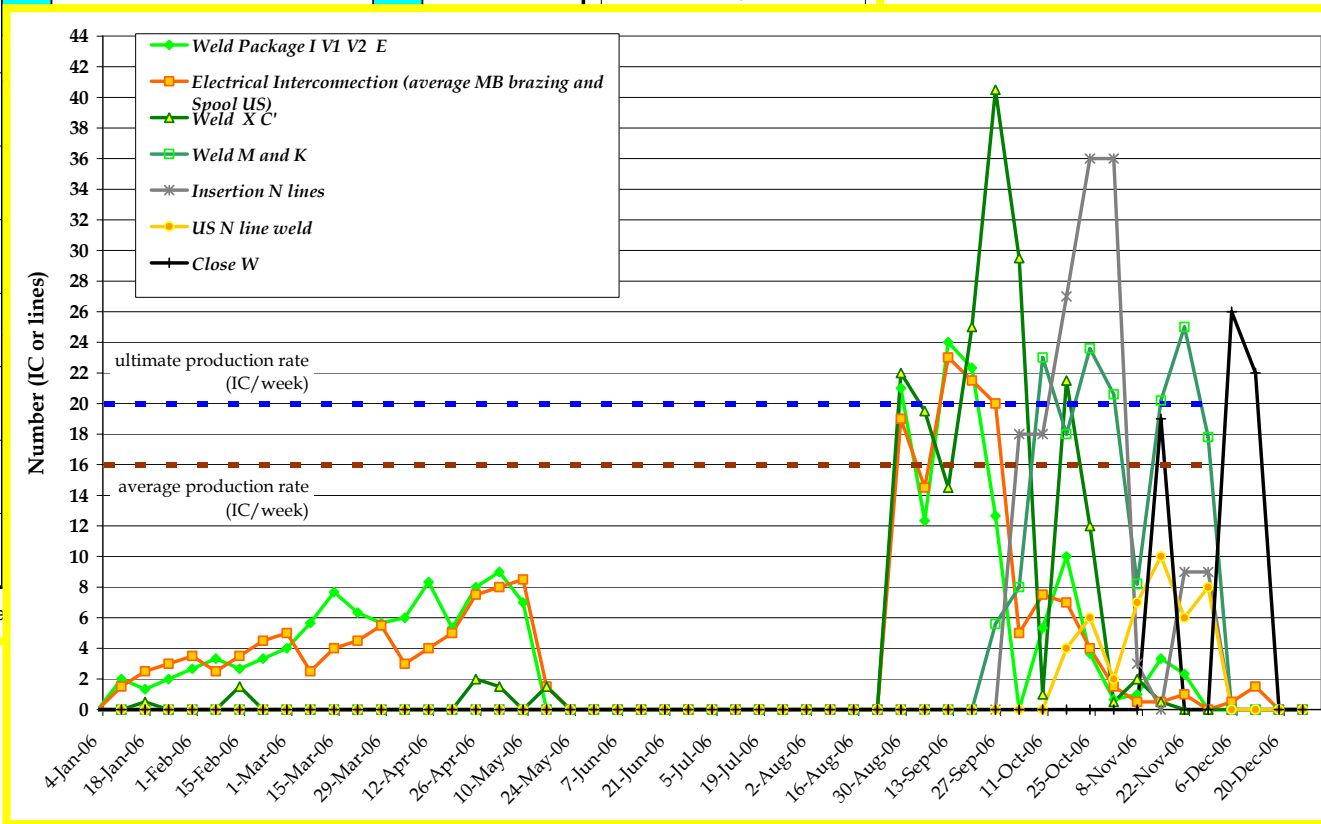
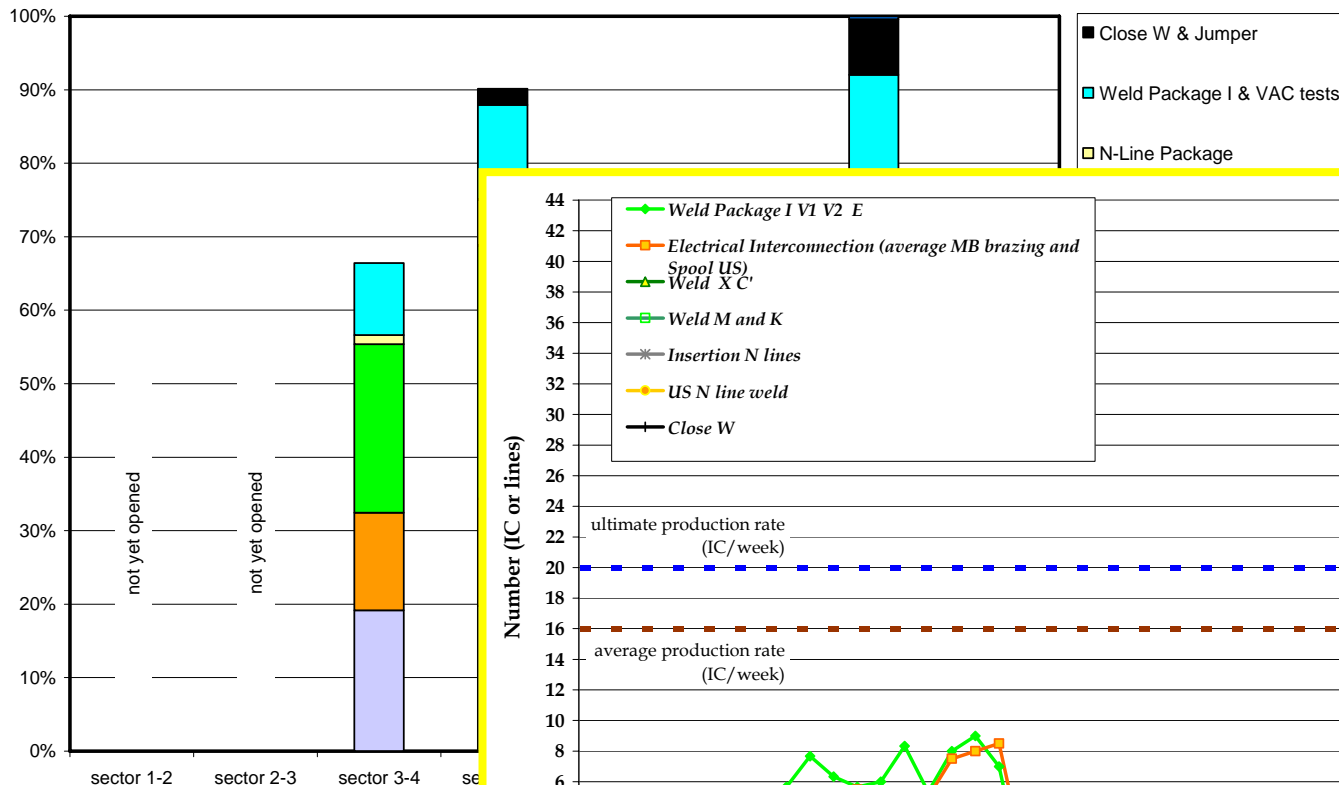
IC Team: project organisation

AT-MCS



	Dec. 2005	Dec. 2006
Arc IC in work (sectors)	7-8, 8-1	2-3, 3-4, 4-5, 5-6, 7-8, 8-1
Special IC in work	LSS	LSS, DS, DFBA/M/L, cryogenic extensions
Technologies tested	V, E, X, Y, C', BR, US	All (+ M, K, M2N, line N, N, jumpers, W, DS area ...)
IC Teams:		
Sections involved in IC	1 Section CRI	6 Sections MCS
QA (FTE)	2	12
ICIT (FTE)	15	17 (Jan. 2007:19)
Technical Support (FTE)	6	15
Coordination (FTE)	6	13
IEG (persons)	20 (+25 for QRL)	97
F523 contract:	Amendment No. 4	Amendment No. 10
Costs	A and E type hours (« regie »)	« forfait »
Planning	Contractual milestones	Detailed (activity, time and place), compatible with LHC Master Plan

General Advancement of Interconnects per Sector 16-Dec-06



from Weekly IC Report: C. Vollinger

➤ Sector 2-3:

- start of BR and US activity in week 51/07, 2 teams (as planned)
- not enough work available for TIG welding V and E: temporary work in sector 8-1

➤ Sector 3-4:

- very cold
- coactivity to be managed (transport of warm magnets From Point 4 towards Point 3)

➤ Sector 4-5:

- difficulties with welding internal jumper lines: air flow disturbs weld bath
- closing W bellows

Sectors 8-1 and 7-8: specific news

➤ Sector 8-1:

- using “extra” resources from mainstream activity
- need to share resources for jumper and W bellows on weekly basis
- good progress since week 46 (closure of 7-8 in week 45, then repair interventions)
- opening and repair of diode on SSS58, successful MPAQ
- this week accidental damage to IFS line (welding shortcircuit)

➤ Sector 7-8:

- repair of 3014 (A. Poncet, F. Savary, D. Tommasini)

