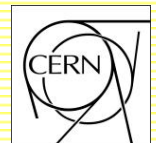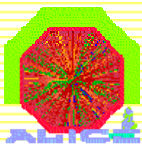# RAW and MC Data Production, Current Status

ALICE-LCG Task Force weekly

RAW Production

RAW Production Cycles

Production	Description	Status	Run Range	Recorded chunks	Processed chunks	Comments
PDC 08/LHC08c	LHC08c global partition	Running	45321 - 48589	770	733	LHC08c global partition
PDC 08/LHC08b	LHC08b global partition	Completed	34784 - 42384	57,343	55,804	RUN III cosmics
PDC 08/LHC08a	LHC08a global partition - MUON reco	Completed	21392 - 26024	8,336	7,412	RUN II cosmics (Muon)
PDC 08/LHC08a	LHC08a global partition	Completed	18047 - 26042	43,464	39,003	RUN II cosmics

- LHC08b
  - 161 runs
  - Pass1 and Pass2 reco completed
- LHC08c
  - 22 runs
  - Pass1 reco ongoing

LHC08b. Pass1+Pass2 (CERN)

RAW Production Cycles

LPM	Only LPM jobs ▼		AliEn	Detector	Software versions		Job details	
Run#	Chunks	Processed	Date/PID	Partition	ROOT	ALIROOT	Output dir	Job type ☑
				- All - ▼	- All - ▼	- All - ▼		LHC08b global partition
40825	1,365	1,333	99.9% 26 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040825/ESDs/pass1/	LHC08b global partition
40825	1,365	1,320	96.7% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040825/ESDs/pass2/	LHC08b global partition
40807 ⚠	396	387	97.7% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040807/ESDs/pass2/	LHC08b global partition
40803	5	5	100% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040803/ESDs/pass1/	LHC08b global partition
40801 ⚠	2,406	1,911	79.4% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040801/ESDs/pass2/	LHC08b global partition
40801 ⚠	2,406	2,396	99.6% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040801/ESDs/pass1/	LHC08b global partition
40797 ⚠	151	148	98% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040797/ESDs/pass1/	LHC08b global partition
40796	339	335	98.8% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040796/ESDs/pass2/	LHC08b global partition
40796	339	338	99.7% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040796/ESDs/pass1/	LHC08b global partition
40710 ⚠	1,523	1,512	99.3% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040710/ESDs/pass1/	LHC08b global partition
40710 ⚠	1,523	1,512	99.3% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040710/ESDs/pass2/	LHC08b global partition
40705 ⚠	1,606	1,554	96.8% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040705/ESDs/pass1/	LHC08b global partition
40705 ⚠	1,606	1,597	99.4% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040705/ESDs/pass2/	LHC08b global partition
40703 ⚠	2,245	2,233	99.5% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040703/ESDs/pass1/	LHC08b global partition
40703 ⚠	2,245	2,214	98.6% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040703/ESDs/pass2/	LHC08b global partition
40662 ⚠	1,404	1,402	99.9% 27 Jun 2008	LHC08b	v5-19-04	v4-13-Rev-03	/alice/data/2008/LHC08b/000040662/ESDs/pass1/	LHC08b global partition
40662 ⚠	1,404	1,374	97.8% 26 Jul 2008	LHC08b	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08b/000040662/ESDs/pass2/	LHC08b global partition
TOTAL	**57,343**	**55,804**	**97.3%**	**161 jobs**				

LHC08c. Pass1

RAW Production Cycles

LPM	Only LPM jobs		AliEn	Detector	Software versions		Job details	
Run#	Chunks	Processed	Date/PID	Partition	ROOT	ALIROOT	Output dir	Job type
				- All -	- All -	- All -		LHC08c global partition
48589	3	2 66.7%	27 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000048589/ESDs/pass1/	**LHC08c global partition**
48584	1	1 100%	27 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000048584/ESDs/pass1/	**LHC08c global partition**
45486	154	154 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045486/ESDs/pass1/	**LHC08c global partition**
45478	7	5 71.4%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045478/ESDs/pass1/	**LHC08c global partition**
45467	21	18 85.7%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045467/ESDs/pass1/	**LHC08c global partition**
45433	62	61 98.4%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045433/ESDs/pass1/	**LHC08c global partition**
45415	126	112 88.9%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045415/ESDs/pass1/	**LHC08c global partition**
45408	14	11 78.6%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045408/ESDs/pass1/	**LHC08c global partition**
45388	18	18 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045388/ESDs/pass1/	**LHC08c global partition**
45380	28	28 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045380/ESDs/pass1/	**LHC08c global partition**
45379	7	7 100%	25 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045379/ESDs/pass1/	**LHC08c global partition**
45371	12	11 91.7%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045371/ESDs/pass1/	**LHC08c global partition**
45349	49	48 97.10%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045349/ESDs/pass1/	**LHC08c global partition**
45337	38	36 94.7%	25 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045337/ESDs/pass1/	**LHC08c global partition**
45336	28	28 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045336/ESDs/pass1/	**LHC08c global partition**
45332	7	5 71.4%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045332/ESDs/pass1/	**LHC08c global partition**
45330	7	1 14.3%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045330/ESDs/pass1/	**LHC08c global partition**
45328	83	83 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045328/ESDs/pass1/	**LHC08c global partition**
45327	56	55 98.2%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045327/ESDs/pass1/	**LHC08c global partition**
45326	7	7 100%	23 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045326/ESDs/pass1/	**LHC08c global partition**
45324	21	21 100%	25 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045324/ESDs/pass1/	**LHC08c global partition**
45321	21	21 100%	25 Jul 2008	LHC08c	v5-21-01-alice	v4-13-Rev-06	/alice/data/2008/LHC08c/000045321/ESDs/pass1/	**LHC08c global partition**
TOTAL	**770**	**733 95.2%**	**22 jobs**					

RAW Production requests

RAW Data Processing Requests

Welcome **mmeoni**! Add new request »

Run # (chunks)	Partition	Pass	Requested	Status	Options	
	- Any - ▾	- Any - ▾		- Any - ▾	Filter	
48589 (3)	LHC08c	1	27 Jul 2008	Completed	Delete	Reprocess
48584 (1)	LHC08c	1	27 Jul 2008	Completed	Delete	Reprocess
45486 (154)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45478 (7)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45467 (21)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45433 (62)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45415 (126)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45408 (14)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45388 (18)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45380 (28)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess
45379 (7)	LHC08c	1	24 Jul 2008	Completed	Delete	Reprocess

Running History

Running jobs per user

- 2nd pass reco started in parallel

MC Production

PRODUCTION CYCLES
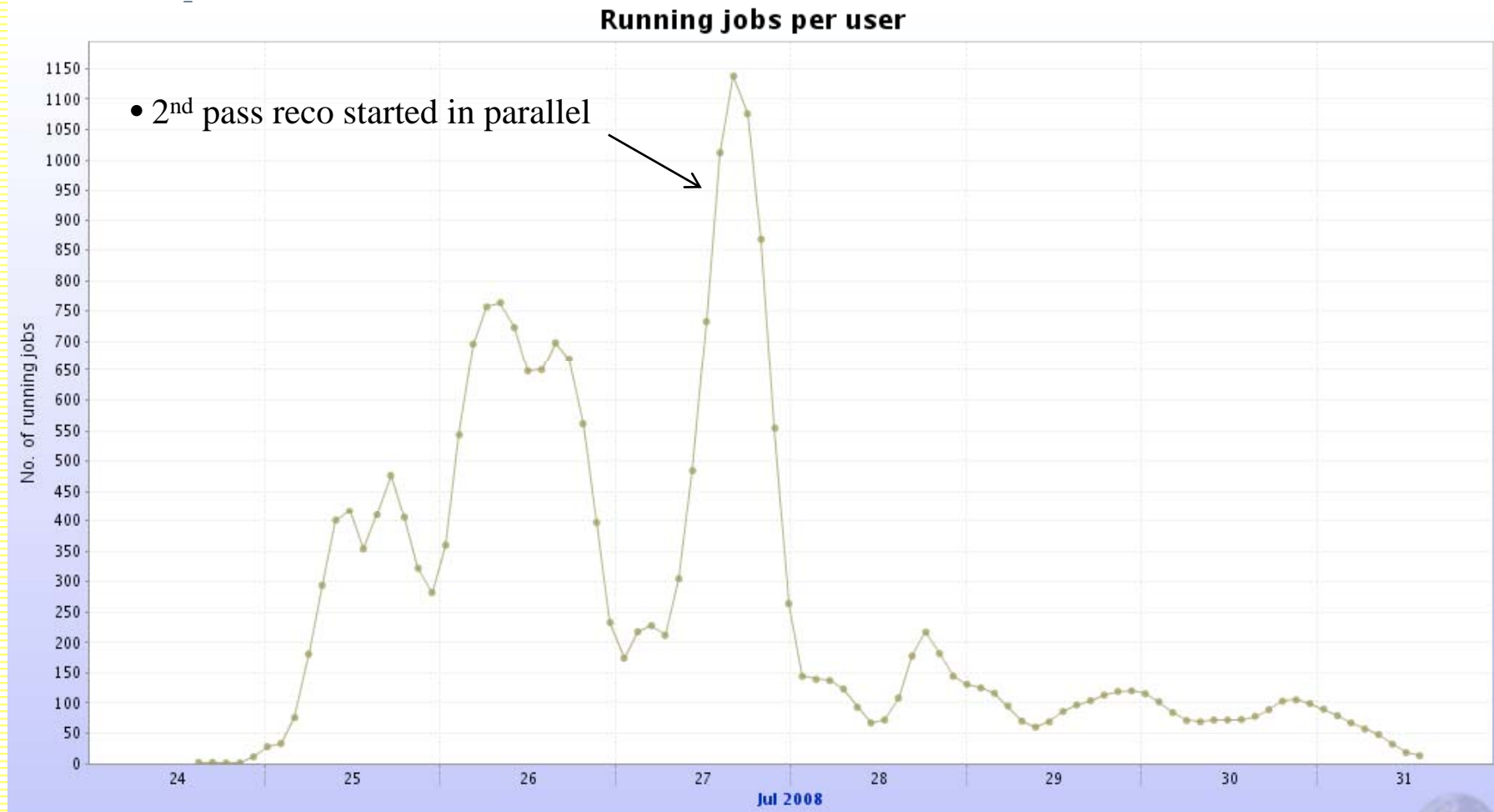
Job Details » No filter

Production	Description	Status	Run Range	Events Count	Comments
PDC 08/LHC08c9	First physics (stage 2) pp, Phojet, No field, 900GeV	Running	377000 - 377000	0	Full misalignment/decalibration
PDC 08/LHC08c8	First physics (stage 2) pp, Phojet, 5kG, 900TeV	Running	376000 - 376000	0	Full misalignment/decalibration
PDC 08/LHC08c7	First physics (stage 2) pp, Phojet, No field, 10TeV	Running	375000 - 375000	0	Full misalignment/decalibration
PDC 08/LHC08c6	First physics (stage 2) pp, Pythia6, No field, 900TeV	Running	374000 - 374000	0	Full misalignment/decalibration
PDC 08/LHC08c5	First physics (stage 2) pp, Pythia6, No field, 10TeV	Running	373000 - 373000	0	Full misalignment/decalibration
PDC 08/LHC08c4	First physics (stage 2) pp, Phojet, 5kG, 10TeV	Running	372000 - 372000	47,550	Full misalignment/decalibration
PDC 08/LHC08c3	First physics (stage 2) pp, Pythia6, 5kG, 900GeV	Running	371000 - 371000	100,350	Full misalignment/decalibration
PDC 08/LHC08c2	First physics (stage 2) pp, Pythia6, 5kG, 10TeV	Running	370000 - 370001	93,750	Full misalignment/decalibration
PDC 08/LHC08c10	T0+V0 First physics pp, 14TeV	Running	-		Ideal geometry

Job parameters				Application software			Details			
Run# ▾	PID	Owner	Events	ROOT	ALIROOT	GEANT	Date	Staged	Output dir	Type of job
		aliprod (12527) ▾					- All - ▾	- All - ▾		First physics (stage 2) pp
372000	18107453	aliprod	48000	v5-21-01-alice	v4-14-Rev-02	v1-9-6	29.07.2008 10:10		/alice/sim/PDC_08a/LHC08c4/372000/	First physics (stage 2) pp, Ph...
	TOTAL : 1 jobs		**48000**						Export folders	

- Jobs exported to LPM, started on Mon 28th
- 1.1k subjobs each
- Basic parameters: AliRoot::v4-14-Rev-02, OCDB Ideal
- Partition: 'rawreco' at CERN. Avoid failure rate and problem with AliRoot installation at the sites (sometimes stuck)
- When production cycle is completed events will be staged on CAF

Running History

Running jobs per user

- Queue full
- LPM also counts INSERTING

- > 2k waiting jobs for partition 'rawreco'

- Job Optimizers overloaded and competing between WAITING and thousands of SAVING (moved to a temporary status)
- Increased LPM threshold to 10k