Accounting

* Does not include CAF

Accounting Tier 1. Sources: WLCG monthly report and ALICE MonALisa report, April 2008								
CPU								
Tier 1	WLCG T1 accounting			ALICE MonALIsa			2008 C-RRB Pledges	
	Total Pledged	Delivered to ALICE (wall)	Fraction total	Pledged	Delivered Wall	Fraction	All	ALICE
	KSI2K	KSI2K	%	KSI2K	KSI2K	%	KSI2K	KSI2K
CERN Tier-0+CAF	8’083	1'668	46%	1602	801*	50%	15'851	2'300
CCIN2P3	1'733	506	52%	1060	387	37%	5'740	1'060
CNAF	1'475	49	41%	660	24	4%	3'000	660
FZK-GRIDKA	2'160	674	45%	600	365	61%	5’672	2'500
NDGF	906	149	41%	602	187	31%	2'172	1'102
NL LHC/Tier-1	2'014	41	13%	475	145	31%	4'382	317
RAL	1'505	25	41%	132	51	39%	3'139	132

From P2ORCaps260508
Total pledged 2008

From P2ORCaps260508
ALICE pledged 2008

From accounting_summaries document (April 2008)
Aggregate 2008 to date : MoU pledge divided by 120

From accounting_summaries document (April 2008)
Aggregate 2008 to date: % MoU

From accounting_summaries document (April 2008)
ALICE Wall April column

http://pcalimonitor.cern.ch/reports/index.jsp

ALICE accounting

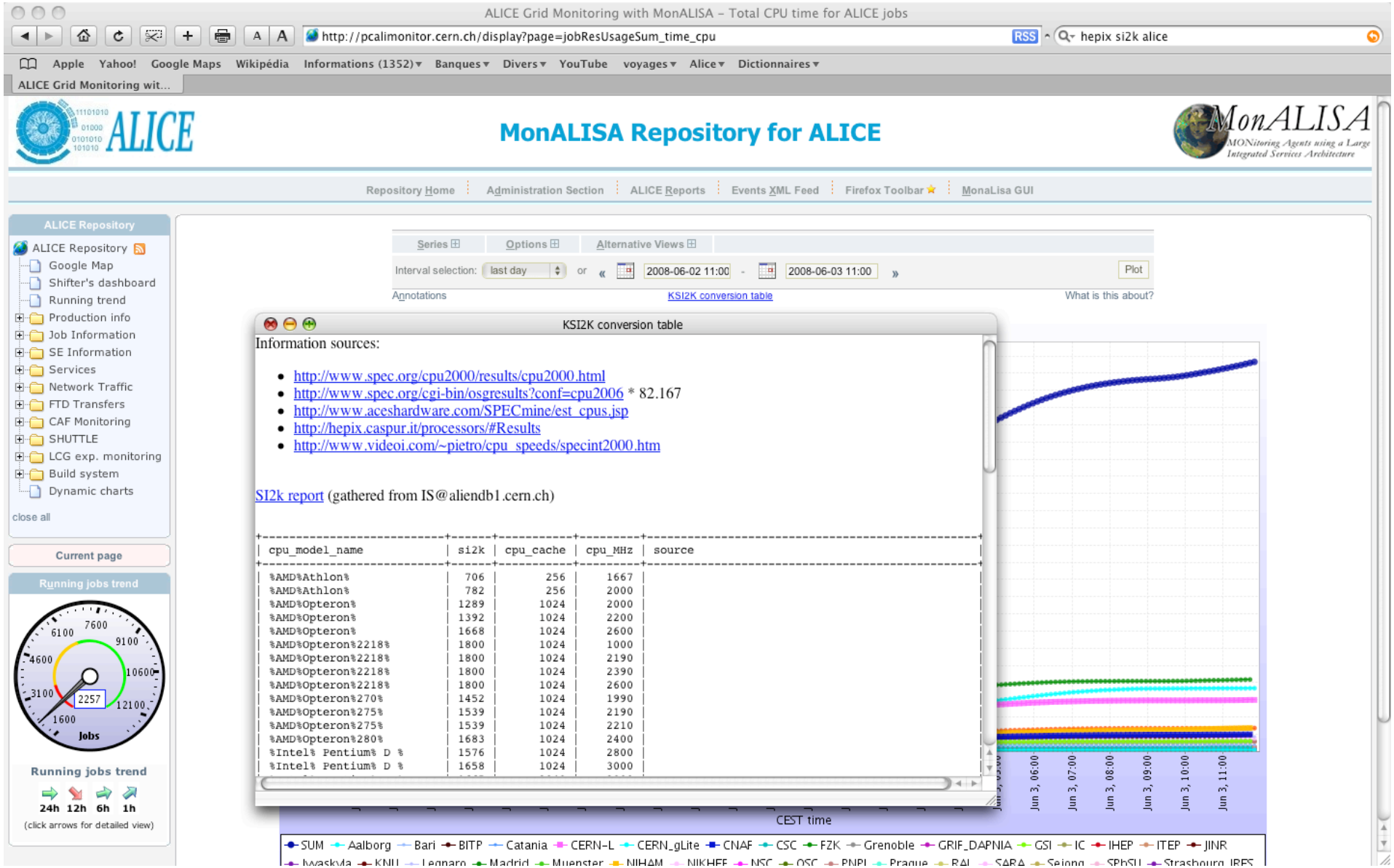
- CPU KSI2K factors from

http://hepix.caspur.it/processors/#Results

CPU	Clock speed (GHz)	Cache size (KB)	# cores per box	Memory size (GB)	SPECint_base2000 per box H: high, L: low opt.
Operating system: Scientific Linux 4 x86_64 (64bit applications)					
Intel Xeon X5355 (Clovertown)	2.66	4096 p. 2 cores	8	8 (4x2 GB)	H: 11307 L: 10577
	Mainboard: Supermicro X7DB8				
Intel Xeon E5345 (Clovertown)	2.33	4096 p. 2 cores	8	16 (FB-DDR2-677)	H: 10136 L: 9519
	Barebone: Supermicro CSE-812L-520CB, Mainboard: Supermicro X7DBE, 2 IDE disks				

- In April – median KSI2K (High-Low optimization)
- From May – High optimization factors
  - Not published CPU types – interpolation of KSI2K from published
- KSI2K accounted per job (reported CPU type, frequency, cache size)
- JA contribution max 3% of KSI2K consumption

SI2K conversion factor



ALICE services availability

Report on ALICE groups' activity (01.04.2008 - 30.04.2008)								
	Pledged	Delivered		Occupancy	Efficiency	Job statistics	Storage	Service availability
Group	KSI2K	CPU	Wall	Wall/Pledged	CPU/Wall			AliEn
1. CERN	1102	597.1	801	72.69%	74.54%			90.7%
2. China	0	-	-	-	-			-
3. Czech Republic	95	67.89	74.55	78.48%	91.06%			98.48%
4. Germany	992	518.1	596.3	60.11%	86.88%			93.97%
5. Greece	80	-	-	-	-			-
6. HLT	60	0.112	1.665	2.774%	6.699%			29.79%
7. Hungary	90	54.18	58.21	64.68%	93.07%			99.93%
8. IN2P3	1967	570.4	686.2	34.89%	83.12%			81.31%
9. INFN	1776	272.3	325.1	18.31%	83.77%			74.66%
10. India	450	24.27	26.05	5.789%	93.15%			0%
11. Mexico	22	0.934	1.058	4.809%	88.33%			83.13%
12. NDGF	602	89.32	186.7	31.01%	47.85%			79.54%
13. Other	5	-	-	-	-			-
14. Poland	226	188.6	223.7	99%	84.29%			65.47%
15. RDIG	697	299.5	397.1	56.97%	75.42%			88.31%
16. Romania	675	330.2	347.8	51.52%	94.95%			99.4%
17. Slovakia	80	12.82	17.5	21.88%	73.24%			82.56%
18. South Africa	10	-	-	-	-			100%
19. South Korea	132	0.096	3.771	2.857%	2.534%			91.76%
20. Spain	239	9.491	10.55	4.412%	90%			80.06%
21. The Netherlands	475	131.5	141	29.67%	93.28%			77.57%
22. UK	182	47.73	50.89	27.96%	93.78%			51.87%
23. US	1100	89.26	99.43	9.039%	89.77%			52.25%
24. Ukraine	1130	434	466.9	41.32%	92.95%			72.82%

Compound efficiency of all sites in the country

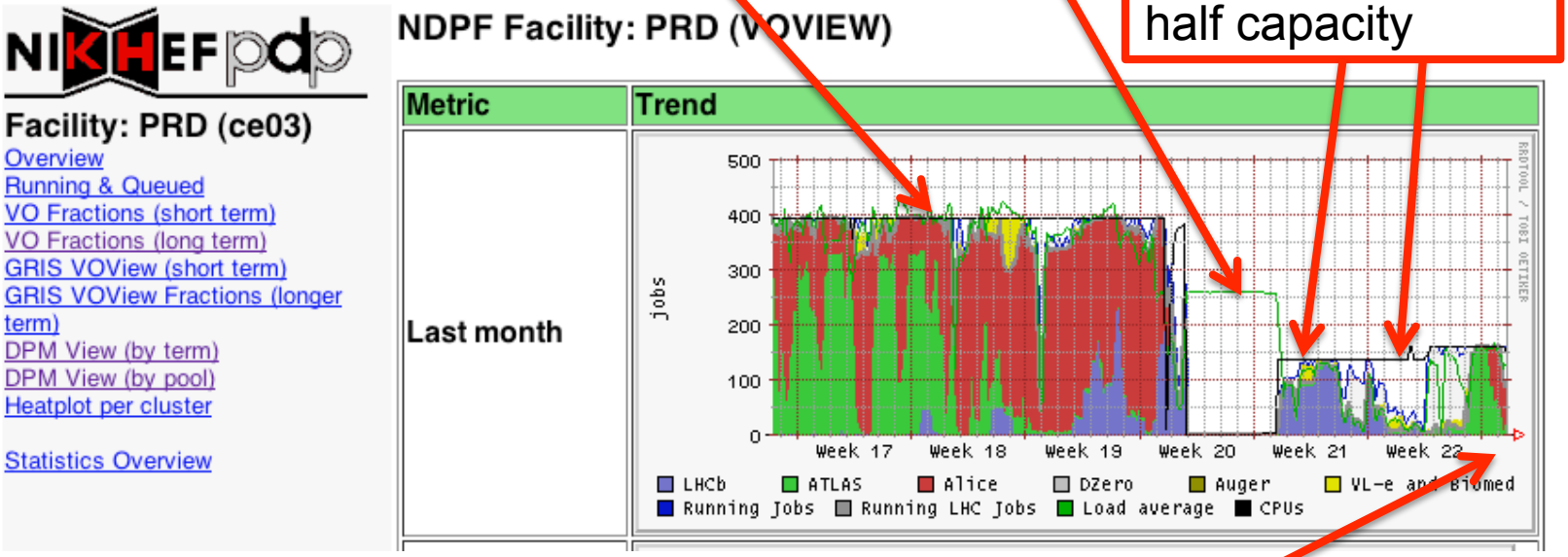
Site availability: ALICE@NIKHEF

April: ALICE uses a large fraction of total resources (fair share mechanism)

ALICE interruption week 21-22

Site interruption

Site resumes with half capacity



ALICE restarts