

RRB Summary

- Announcement that new C-RSG chair will be Jonathan Flynn (Southampton, UK)
- 2013 +2104 requests report from C-RSG
 - Small changes by RSG vs experiment requirements (~5%)
 - Requests approved
- REBUS: 2013 now reflects these approved requests
 - Pledges within about 10% of requirements, except for ALICE (shortfalls up to ~30%), LHCb at T1 (~20%)

Tier	Pledge ≎ Type	ALICE \$	\$ Required	\$ Balance	ATLAS \$	≎ Required	≎ Balance	CMS ≎	≎ Required	\$ Balance	ГНСР ≎	\$ Required	≎ Balance	SUM ≎	≎ Required	\$ Balance
Tier 0	CPU (HEP- SPEC06)	90,000	126,000	-29%	111,000	111,000	0%	121,000	121,000	0%	34,000	34,000	0%	356,000	392,000	-9%
Tier 0	Disk (Tbytes)	8,100	11,000	-26%	10,000	11,000	-9%	7,000	7,000	0%	4,000	4,400	-9%	29,100	33,400	-13%
Tier 0	Tape (Tbytes)	22,800	22,800	0%	27,000	23,000	17%	24,000	26,000	-8%	6,500	6,500	0%	80,300	78,300	3%
Tier 1	CPU (HEP- SPEC06)	101,155	120,000	-16%	333,023	319,000	4%	149,650	165,000	-9%	92,118	110,000	-16%	675,946	714,000	-5%
Tier 1	Disk (Tbytes)	7,174	10,800	-34%	35,316	33,000	7%	23,561	26,000	-9%	6,997	8,600	-19%	73,048	78,400	-7%
Tier 1	Tape (Tbytes)	14,119	21,000	-33%	40,763	40,000	2%	48,276	50,000	-3%	8,711	10,800	-19%	111,869	121,800	-8%
Tier 2	CPU (HEP- SPEC06)	143,006	145,000	-1%	394,973	350,000	13%	397,106	350,000	13%	46,972	46,000	2%	982,057	891,000	10%
Tier 2	Disk (Tbytes)	11,111	15,800	-30%	48,697	49,000	-1%	28,876	26,000	11%	69	0	0%	88,753	90,800	-2%
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Tier	Pledge ≎ Type	ALICE \$	≎ Required	\$ Balance	ATLAS \$	≎ Required	\$ Balance	CMS ≎	≎ Required	\$ Balance	LHC Ь ≎	≎ Required	\$ Balance	SUM ≎	≎ Required	≎ Balance
		ALICE ≎ 90,000			ATLAS \$			CMS \$			LHCb ≎ 34,000			SUM ≎ 356,000		
Tier Tier	Type CPU (HEP-		Required	Balance		Required	Balance		Required	Balance		Required	Balance		Required	Balance
Tier 0 Tier	Type CPU (HEP- SPEC06) Disk	90,000	Required 135,000	Balance -33%	111,000	Required 111,000	Balance 0%	121,000	Required 121,000	Balance 0%	34,000	Required 34,000	Balance 0%	356,000	Required 401,000	Balance -11%
Tier 0 Tier 0 Tier 0 Tier	Type CPU (HEP- SPEC06) Disk (Tbytes) Tape	90,000	135,000 11,040	-33% -27%	111,000	111,000 11,000	0% -9%	121,000 7,000	121,000 7,000	Balance 0% 0%	34,000 4,000	34,000 5,500	0% -27%	356,000 29,100	401,000 34,540	-11% -16%
Tier 0 Tier 0 Tier 0 Tier 0 Tier	Type CPU (HEP- SPEC06) Disk (Tbytes) Tape (Tbytes) CPU (HEP-	90,000 8,100 26,600	135,000 11,040 26,100	-33% -27% 2%	111,000 10,000 31,000	111,000 11,000 23,000	0% -9% 35%	7,000 25,300	7,000 26,000	0% 0% -3%	34,000 4,000 7,300	34,000 5,500 7,300	0% -27% 0%	356,000 29,100 90,200	401,000 34,540 82,400	-11% -16% 9%
Tier 0 Tier 0 Tier 0 Tier 1	Type CPU (HEP- SPEC06) Disk (Tbytes) Tape (Tbytes) CPU (HEP- SPEC06) Disk	90,000 8,100 26,600 99,724	135,000 11,040 26,100 130,000	-33% -27% 2% -23%	111,000 10,000 31,000 326,731	111,000 11,000 23,000 355,000	9% -9% 35% -8%	121,000 7,000 25,300 149,850	7,000 26,000 175,000	0% 0% -3% -14%	34,000 4,000 7,300 75,618	34,000 5,500 7,300 110,000	0% -27% 0% -31%	356,000 29,100 90,200 651,923	82,400 770,000	-11% -16% -9% -15%
Tier 0 Tier 0 Tier 0 Tier 1 Tier 1 Tier	Type CPU (HEP-SPEC06) Disk (Tbytes) Tape (Tbytes) CPU (HEP-SPEC06) Disk (Tbytes) Tape	90,000 8,100 26,600 99,724 6,465	135,000 11,040 26,100 130,000 10,800	-33% -27% 2% -23% -40%	111,000 10,000 31,000 326,731 32,373	Required 111,000 11,000 23,000 355,000 33,000	9% -9% 35% -8% -2%	121,000 7,000 25,300 149,850 22,066	7,000 7,000 26,000 26,000	0% 0% -3% -14%	34,000 4,000 7,300 75,618 5,888	34,000 5,500 7,300 110,000	0% -27% 0% -31% -43%	356,000 29,100 90,200 651,923 66,792	Required 401,000 34,540 82,400 770,000 80,200	9% -15% -17%



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- 2015: presented indications of likely needs
 - Me: according to what was agreed in OB, but RSG was explicit about possible trigger rates
- The key message:
 - the funding agencies must ensure that computing (continues to be) fully funded at an appropriate level, and
 - that the computing should not be the limiting factor in the future exploitation of the LHC and experiments;
 - also stated that the expectation of immediate analysis of data should be relaxed in the future.
- Some comments by funding agencies on the need for prioritisation of computing tasks
 - experiments clarified the physics needs underlying the likely requests for significant trigger rate increases in 2015

