

CFHTLS Progress Report

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CFHTLS Time Allocation

- Board of Directors (Dec 2001)
- Scientific Advisory Council (May 2002)

	Deep	Wide	Very Wide	Total
IQ < 0.9"	194	162	94	450
IQ > 1.0"	8	0	16	24
All IQ	202	162	110	474
Fraction	44%	34%	22%	100%

CFHTLS Time Allocation

- Allocation in Nights on 5 years
- Queue in hours
- Canonical value: 6.5 hours of science time per night of QSO.
 - 3081 hours over 10 semesters
 - 308.1 hours per semester.
- Survey Official Starting Date:
 - June 1st, 2003 (1.5 QSO run in 03A)

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PH2 time for QSO validated exposures (hours)

Semester	Total	Balance	Deep	Wide	VW
Baseline	308.1		135.6	104.8	67.8
03B	158.6	-149.5	93.7	42.4	22.5
04A	122.9	-185.2	78.9	19.3	24.6
04B	249.8	-58.3	136.8	66.1	47.0
05A	252.7	-55.4	111.6	85.8	55.3

CFHTLS Progress

- The accumulated deficit of observation time w/r to the allocation is:
 - 393.0 hours over the period 03B, 04A, 04B
 - likely to be 448.4 hours at the end of 05A
 - 69.0 Nights assuming 6.5 hrs/night
 - 81.5 Nights using the actual 5.5 hrs/night efficiency
 - likely to be ~123 nights after 10 semesters
 - assuming 04B efficiency for the rest of the survey
 - equivalent to 3.2 semesters at 04B observation rate

Implications & Solutions

- Report of the Steering Group to the SAC
 - SAC Recommendation #10 (Nov 13, 2004)

SAC also reminds the steering group that the mid-term review of the CFHTLS will take place next spring. This will be held in Paris on May 27-28, 2005. Detailed reports for each of the four survey-components and one for the overall survey (data reduction, archiving, time allocation) must be submitted by March 15, 2005. These detailed reports must include a description of what has been achieved so far, a discussion of the impact of image quality on the expected results and a justification for the completion of the survey. These reports will be reviewed by external referees with evaluations expected by May 1. Each of the five reports will be assigned to a SAC-coordinator who will circulate a summary to SAC no later than one week before the meeting. As a result of this review process, a re-evaluation of the goals and strategy of the survey could take place.

Implications & Solutions

- Steering Group Proposition for the SAC report:
 - Obtaining the Allocated Time for CFHTLS from semester 05B onward:
 - Deficit after 10 semesters : 84 nights
 - Possibility to absorb the deficit by:
 - extending the LS into 08A without compromising the scientific return
 - obtaining an additional 50 nights spread over the 6 semesters
 - Input from the CFHTLS Community is needed
 - scientific achievement made with the LS data
 - possible descoping of the surveys