

2008 May, VEGA Run, Programs

Name	Program	Targets	Baselines	Strategy	Spectro	Constraints
V1	Qualification V ² instr	2 calibrators around eps	W1W2	every night. NAT and SPIN	MR 720 RB	
		2 calibrators around eps	W1W2	Measure on V3V4, V3V2 et V2V1	MR 720 RB	
		3 calibrators around Beta Lyr	S1S2, W1W2, S2W2	Change shutters only	MR 720 RB	
		beta Lyr and 6 calibrators	W1W2	One full night, alternate among stars	MR 656 RB	
V2	Qualification differential	alpha Cep+1 calibrator	S1S2	Half on alpha Cep and calibrator + 1 obs in continuum	HR 656 RB	
V3	Qualification Polarization	beta Lyr + gamma Lyr	S1S2	10 measurements: NAT-SPIN-Polar1+NAT-Polar1+SPIN-NAT-SPIN-Polar2+NAT-Polar2+SPIN-NAT-SPIN + part of V1	MR 656 R	
V4	Qualification on a Binary	Phi Cygni + 3 calibrators	S1S2	Observable from -5h to sunrise.	LR670 R	
V5	LBV	P Cygni+4 calibrators	S1S2 W1W2 S2W2		MR 656 RB	
V6	Interacting binary	beta Lyr, 3 calibrators	W1W2	10 points between -3h and +3h	MR 656 706.5 RB	23 and 29 may for the binary. Anytime for the jet
V7	Interacting binary	ups Sgr + 2 calibrators	W1W2	At least 4 points between -1h and +1h	MR 656 RB	Complementarity with VLTI/MIDI and AMBER
V8	Be	delta Sco+ calibrator	S1S2, W1W2	Measure of the angular extent	HR 656 RB + MR 656 RB	Complementarity with AMBER data (april and august 2008)
V9	Rotator	Altair+calibrators	S1S2	2 observations around -3h and 0h	HR 656, 486 528 R	
		alpha Cep+calibrators	S1S2	A few points for supersynthesis effect	HR 656, 486 528 R	
		HD182640+calibrators	S1S2 W1W2	2 perpendicular baselines	HR 656, 486 528 R	
			W1W2	long survey for measuring V ² (limb darkening)	MR 720 RB	