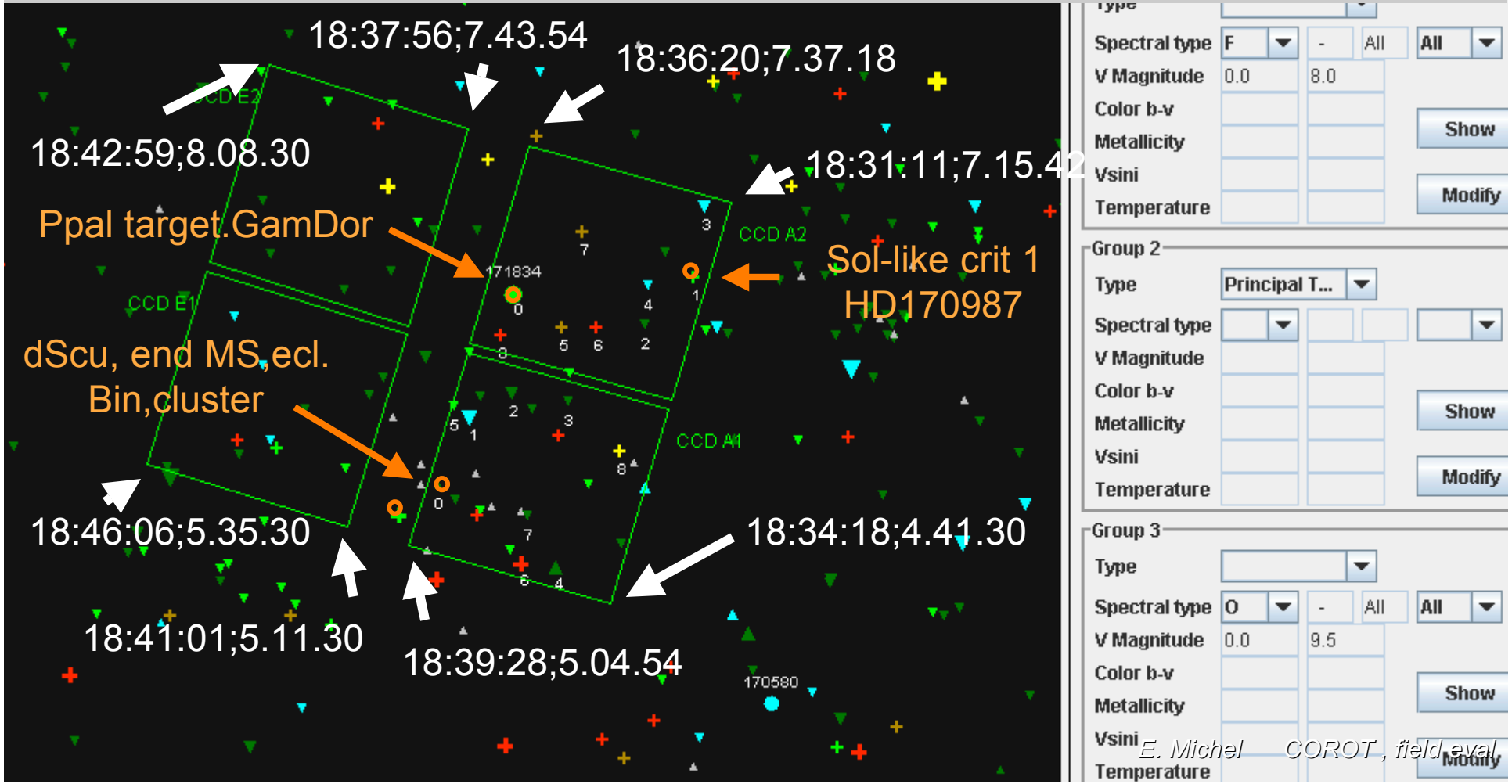
Fields evaluation – POS2

Long Run LR2C

RA=18:38:39 (°) DEC=+6 24 00 (°) ROT= 11.36 ° ROLL= 16.72 °

with this position, we could get the following selection



Fields evaluation – POS2

Long Run LR2C

RA=18:38:39 (°) DEC=+6 24 00 (°) ROT= 11.36 ° ROLL= 16.72 °

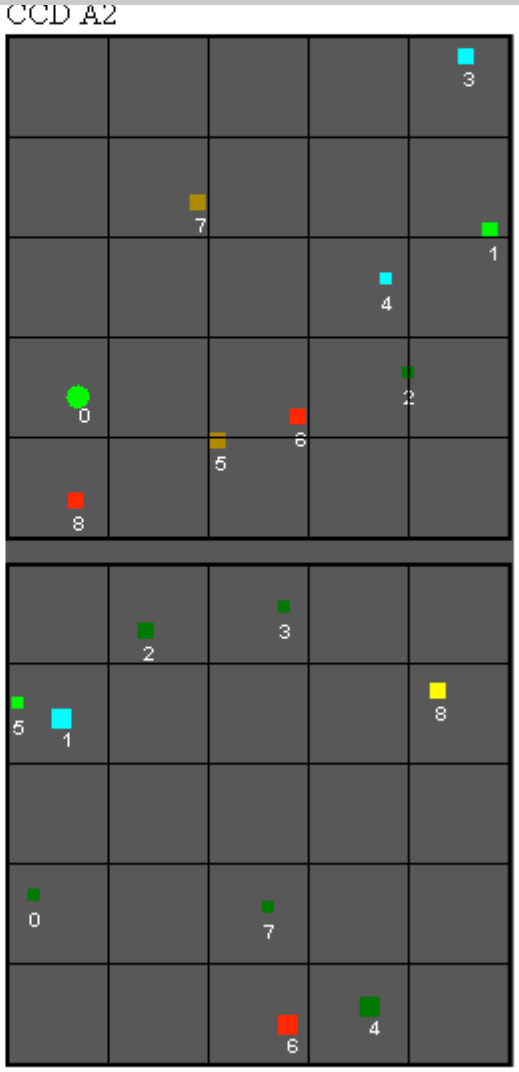
with this position, we could get the following selection

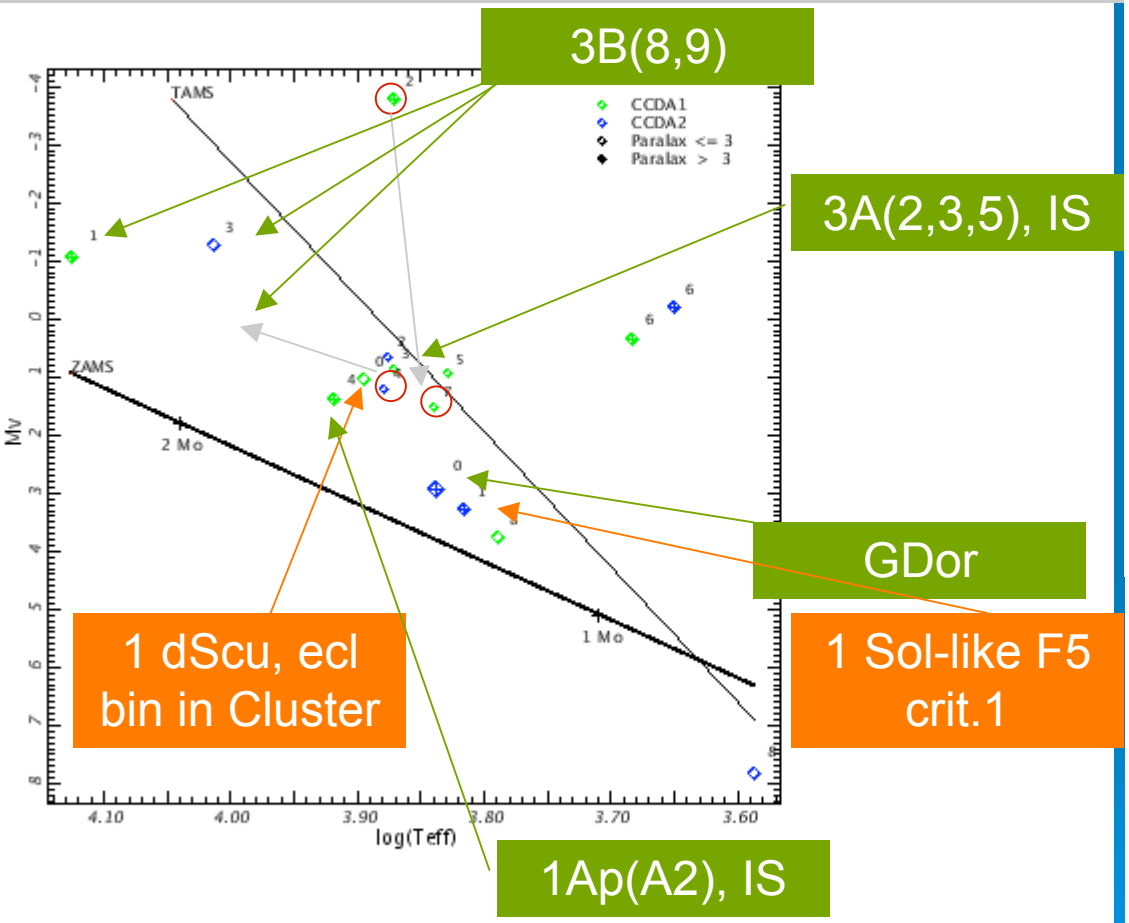
CCD A1										
Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCAO
0	8170	HD 172189	8.73	A 2.0	1.04	3.89			Delta Scuti, Eclipsing or Photometry Variable Binary, Gamma Doradus	
1	8310	HD 172046	6.63	B 8.0	-1.06	4.12		3.35		X
2	8394	HD 171835	7.84	A 2.0	-3.78	3.87	52.1	3.93		X
3	8441	HD 171538	9.34	A 3.0	0.87	3.87	143.4			
4	8158	HD 171586	6.46	A 2.0	1.4	3.92	38.1	9.74	Ap star	X
5	8321	BD+05 3855	9.35	F 5.0	0.95	3.83				
6	8135	HD 171767	6.73	K 1.0 III	0.36	3.68		5.31		X
7	8210	HD 171749	9.12	A 0.0	1.51	3.84				
8	8410	HD 171304	7.98	G 5.0	3.78	3.79	7.3			X
9										

CCD A2										
Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCAO
0	8567	HD 171834	5.45	F 3.0 V	2.94	3.84	72.1	31.53	Principal Target, Delta Scuti, Gamma Doradus	X
1	8786	HD 170987	7.5	F 5.0	3.29	3.82	20.6	10.75		X
2	8647	HD 171218	9.08	A 5.0	0.66	3.88				
3	8928	HD 170935	7.38	B 8.0	-1.27	4.01	164.1	2.78		X
4	8714	HD 171194	8.82	B 9.0	1.21	3.88				
5	8554	V* V925 Oph	7.6	M 4.0	-0.01					X
6	8583	HD 171427	7.22	K 2.0	-0.19	3.65		3.29		X
7	8737	BD+06 3849	7.6	M 5.0	-0.01					X
8	8493	HD 171887	7.18	K 5.0	7.83	3.59	7.7			X
9										

Long Run LR2C

RA=18:38:39 (°) DEC=+6 24 00 (°) ROT= 11.36 ° ROLL= 16.72 °





run	O stars	B stars Bet Cep	B stars SpB	B stars ?	B stars Be	A stars D Scu	A stars Am	A stars Ap	G Dor	A/F stars ?	F-G Sol-like	Giants
IR01	-	-	*50846* B5.0 ecl.bin ->Be	-	(*50846*)	50844 A2.0	50747 A4.0IV 51106 A3.0	50773 A2.0	-	50405 A0.0ecl.bin (*29279 0-F8*)	49933F2,crit2	50170F2 50890 G6III
SRc01	-	_	-	174884 (7558) B8 ecl.bin	175869(7636) B9 III	174936 (7613) A2.0 174966 (7528) A3.0	-	175543 (7710) A5.0V	-	174987 A2.0 *ecl.bin* 175542 A0.0 175272 F5.0	175726 (7837) G5.0	175679 G8III
LRc01	-	180642 (8393)B1.5II-III	-	182198B9.0V 181440 B9.0III	181231(8557)B9V	181555 (8669) A5.0	-	-	-	181072 A2 180973 F0	180420 F2,crit2 181906 F8,crit0	181907 (8774) G8III
LRa01	-	-	-	50064(14)B6I 50230(44)B3	49330(49) B0 50209(26) B9	-	-	49862(79)A5	49434(100)	49294 A2 MSIS 49808F0,IS,off MS	49933(20)F2 49385(18)G0 crit0	-
LRc02	-	-	-	172046, B8 170935, B8 171194, B9	-	172189 ,ecl.bin ,cluster	-	171586 ,A2	171834	171835 ,A2 171538 ,A3 171218 ,A5	170987 ,F5,crit1	-

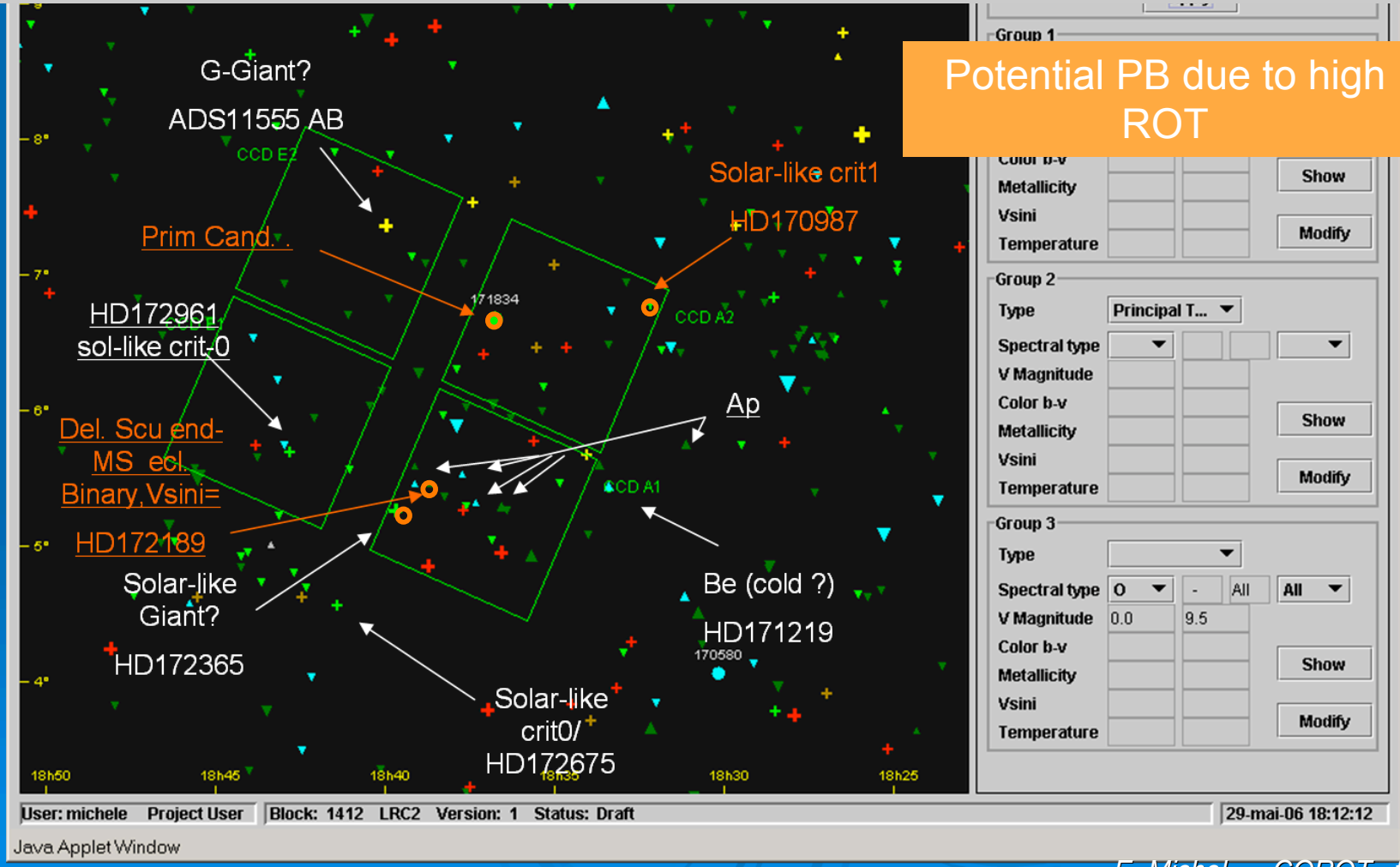
Fields evaluation – CW10

OLD POSITION

Long Run LR2C

RA=18:39:03 (279.762 °) DEC=+6 16 12 (6.27 °) ROT= 18.24 ° ROLL= 23.60 °

Potential PB due to high ROT

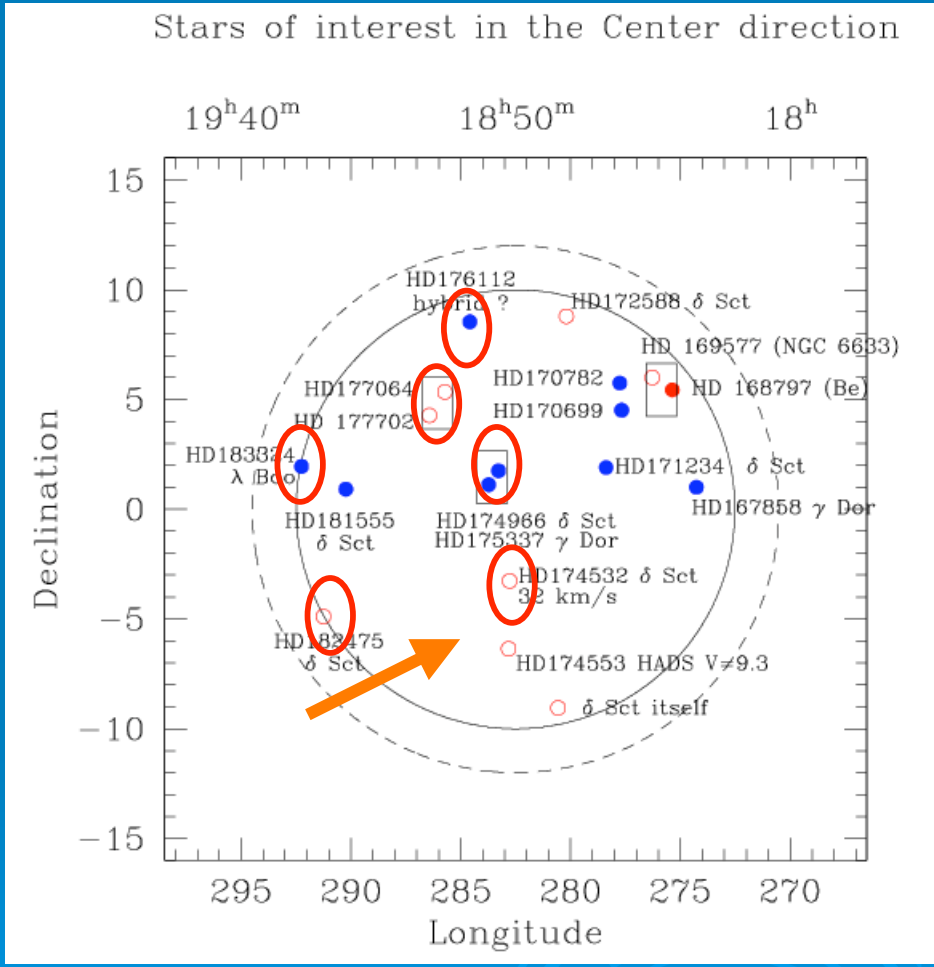


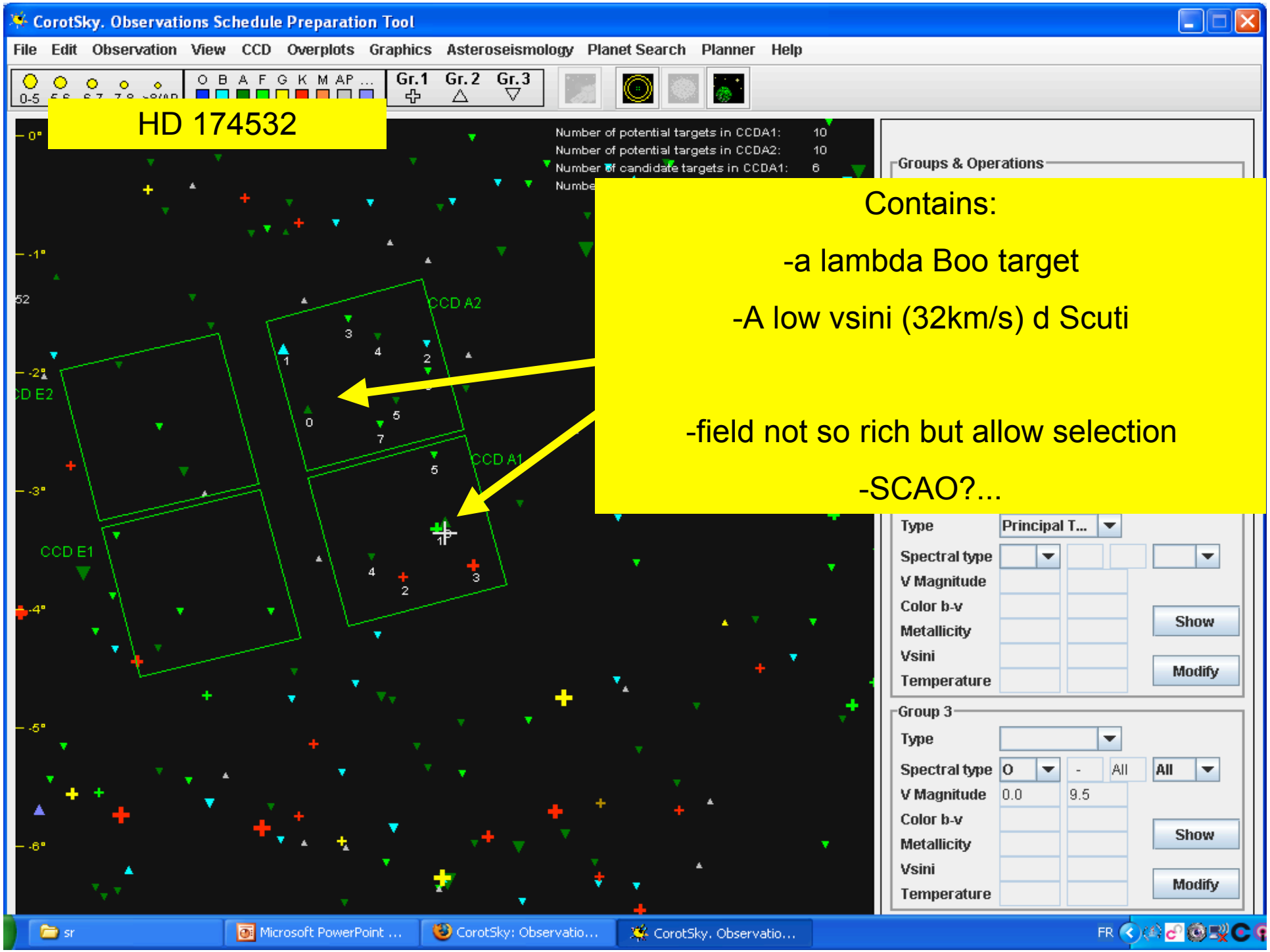
Short runs: Centre SRc02

-An opportunity to

-catch specific targets

-complete the sample





Contains:

-a lambda Boo target

-A low vsini (32km/s) d Scuti

-field not so rich but allow selection

-SCAO?...

Asteroseismology Proposal Document - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils ?

cnes.fr/users/1409_3_130_ast_proposal.html

HD 174532

Google Rechercher Mes favoris PageRank Orthographe Traduire Paramètres

Corotsky Tool | Page d'accueil de Mozilla Fi... | Page d'accueil de Mozilla Fi... | CorotSky: Observation Sc... | Asteroseismology Pro...

Creation date: 17/09/2007

CCD A1

Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCAO
0	7655	HD 174532	6.9	A 2.0	1.38	3.86		7.73	Delta Scuti	
1	7663	HD 174589	6.09	F 2.0 III	1.45	3.85	100.2	11.8		X
2	7715	HD 174796	7.17	K 5.0	0.06	3.33		3.78	Hipparcos unsolved variable	X
3	7692	HD 174323	6.95	K 2.0	8.97	3.51		5.18		X
4	7696	HD 174990	8.76	A 0.0	1.15	3.9				
5	7596	HD 174625	9.45	F 5.0	1.84	3.82				
6										
7										
8										
9										

CCD A2

Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCAO
0	7590	HD 175445	7.79	A 0.0	1.36	3.92		5.1	Lambda Bootis	X
1	7569	HD 175640	6.21	B 9.0 III	-0.13	4.08	4.1	6.21	Ap star, HgMn star	X
2	7519	HD 174648	8.82	B 9.0	1.71	3.95		3.79		
3	7522	HD 175152	8.44	F 8.0	4.0	3.8		12.95		X
4	7524	HD 174967	9.31	A 0.0	1.7	3.9				
5	7565	HD 174835	9.38	A 3.0	1.77	3.85				
6	7535	HD 174649	9.38	F 5.0	1.77	3.82				
7	7580	HD 174968	9.08	F 8.0	6.51	3.8				
8										

Terminé

Asteroseismology Proposal Document - Mozilla Firefox

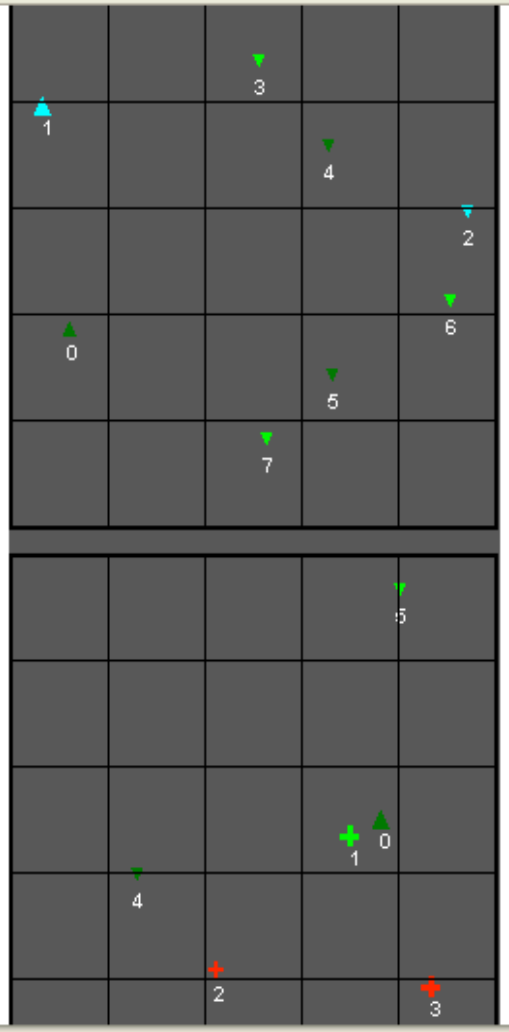
Fichier Édition Affichage Historique Marque-pages Outils ?

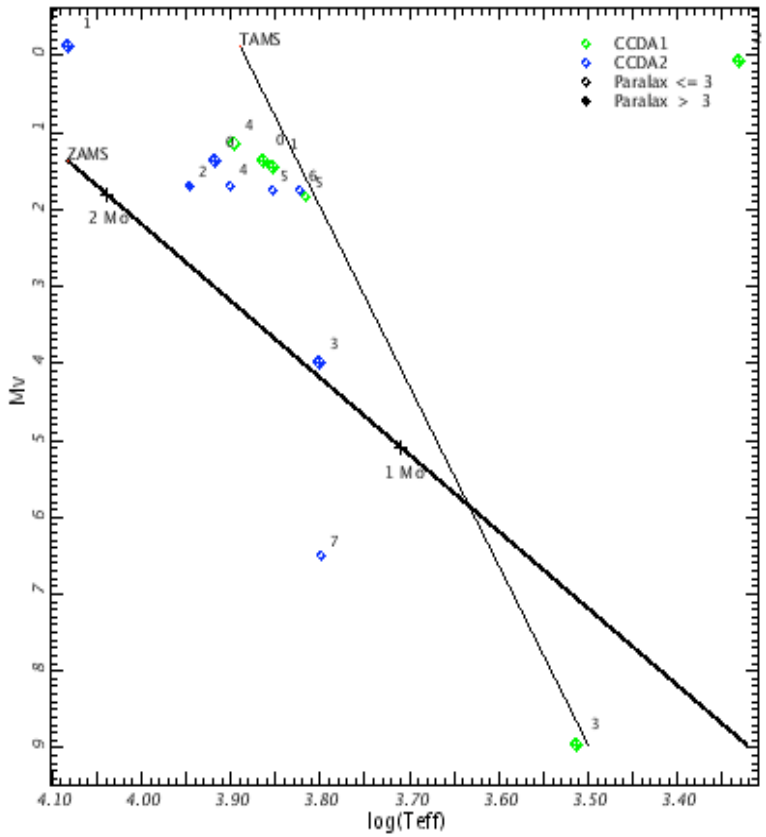
cnes.fr/users/1409_3_130_ast_proposal.html

HD 174532

Google Rechercher Mes favoris PageRank Orthographe Traduire Paramètres

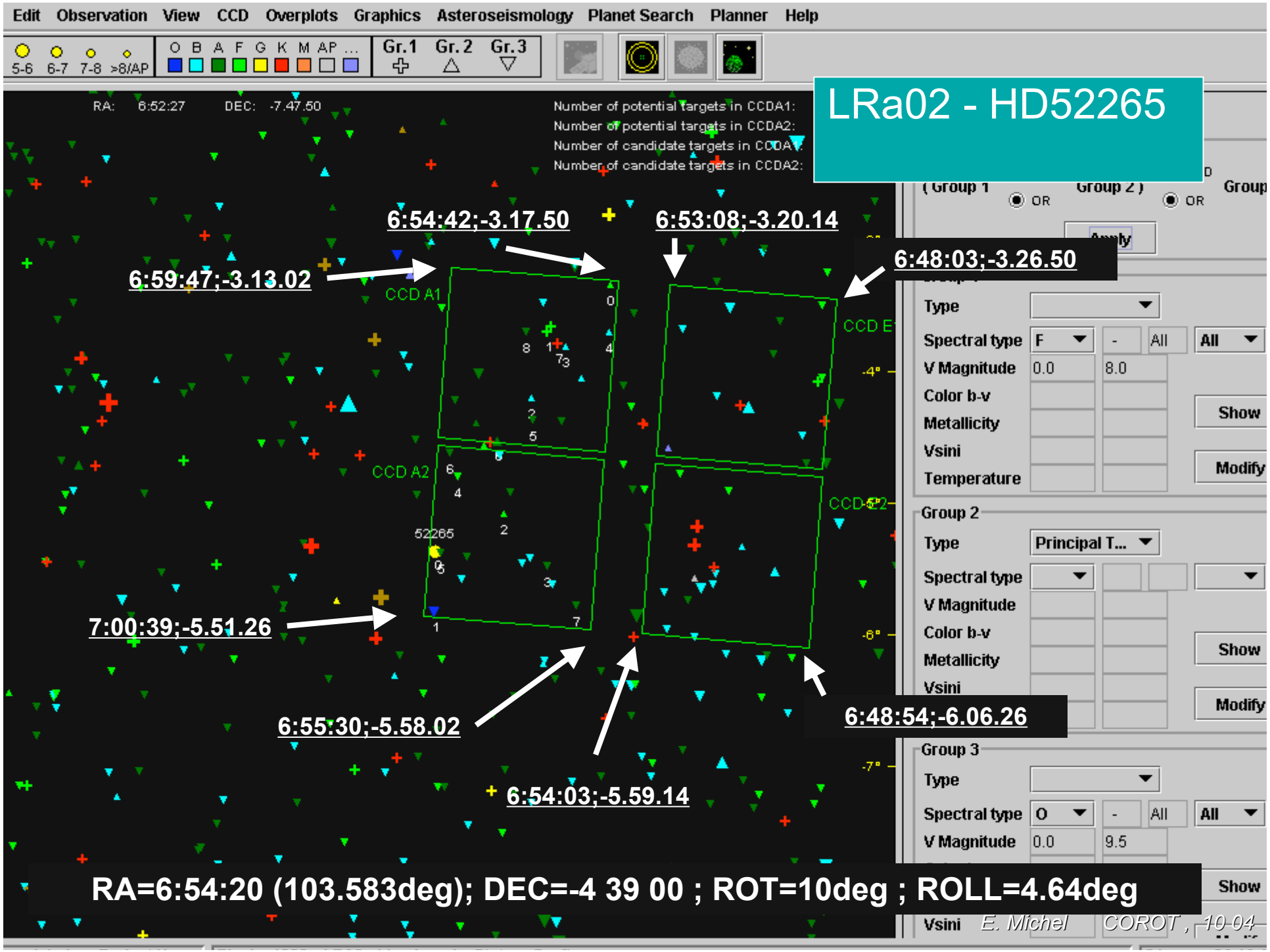
Corotsky Tool | Page d'accueil de Mozilla Fi... | Page d'accueil de Mozilla Fi... | CorotSky: Observation Sc... | Asteroseismology Pro...



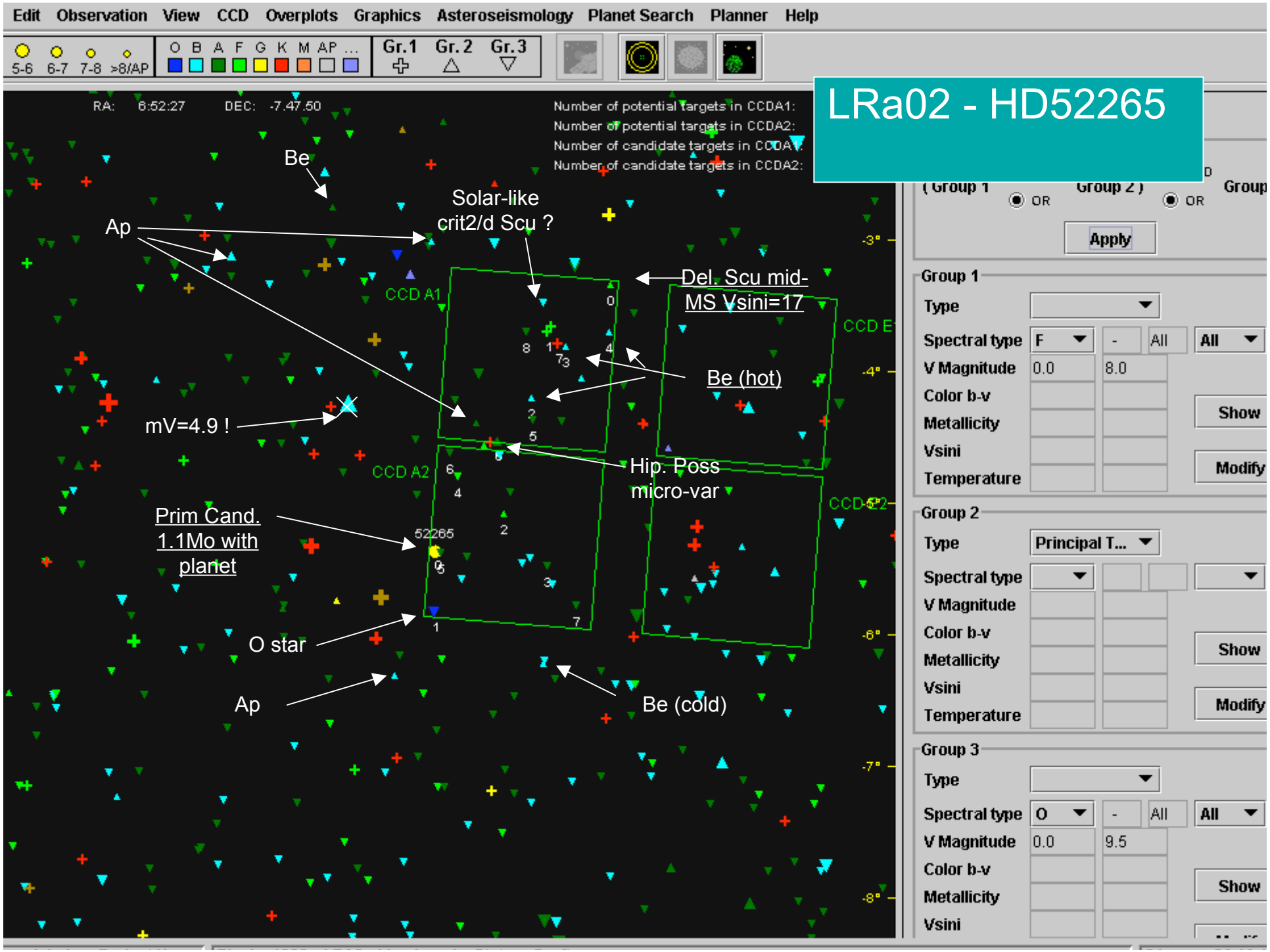


Terminé

run	O stars	B stars Bet Cep	B stars SpB	B stars ?	B stars Be	A stars D Scu	A stars Am	A stars Ap	G Dor	A/F stars ?	F-G Sol-like	Giants
IR01	-	-	*50846* B5.0 ecl.bin ->Be	-	(*50846*)	50844 A2.0 64	50747 A4.0IV 51106 A3.0	50773 A2.0	-	50405 A0.0ecl.bin (*29279 0-F8*)	49933F2,crit2	50170F2 50890 G6III
SRc01	-	_	-	174884 (7558) B8 ecl.bin	175869(7636) B9 III	174936 169 A2.0 174966 125 A3.0	-	175543 (7710) A5.0V	-	174987 A2.0 *ecl.bin* 175542 A0.0 175272 F5.0	175726 (7837) G5.0	175679 G8III
LRc01	-	180642 (8393)B1.5II-III	-	182198B9.0V 181440 B9.0III	181231(8557)B9V	181555 170 A5.0	-	-	-	181072 A2 180973 F0	180420 F2,crit2 181906 F8,crit0	181907 (8774) G8III
LRa01	-	-	-	50064(14)B6I 50230(44)B3	49330(49) B0 50209(26) B9	-	-	49862(79)A5	49434(100)	49294 A2 MSIS 49808F0,IS,off MS	49933(20)F2 49385(18)G0 crit0	-
LRc02	-	-	-	172046, B8 170935, B8 171194, B9	-	172189 ,ecl.bin ,cluster	-	171586 ,A2	171834	171835 ,A2 171538 ,A3 171218 ,A5	170987 ,F5,crit1	-


Edit Observation View CCD Overplots Graphics Asteroseismology Planet Search Planner Help
5-6 6-7 7-8 >8/AP
O B A F G K M AP ...
Gr.1 Gr.2 Gr.3
RA: 6:52:27 DEC: -7.47.50
Number of potential targets in CCDA1:
Number of potential targets in CCDA2:
Number of candidate targets in CCDA1:
Number of candidate targets in CCDA2:
LRa02 - HD52265
6:54:42;-3.17.50
6:53:08;-3.20.14
6:59:47;-3.13.02
6:48:03;-3.26.50
CCD A1
CCD A2
CCD E1
CCD E2
52265
7:00:39;-5.51.26
6:55:30;-5.58.02
6:54:03;-5.59.14
6:48:54;-6.06.26
Group 1
Group 2
Group 3
Type
Spectral type
V Magnitude
Color b-v
Metallicity
Vsini
Temperature
Show
Modify
Apply
Principal T...
RA=6:54:20 (103.583deg); DEC=-4 39 00 ; ROT=10deg ; ROLL=4.64deg
E. Michel COROT , 10-04

LRa02 - HD52265



74% Modifier les images... Correction automatique

CCD A1

Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCRO
0	546	HD 50870	8.88	F 0.0	1.67	3.88	17.1		Delta Scuti	
1	692	HD 51332	7.12	F 0.0	2.31	3.83	23.6	10.91		X
2	871	HD 51452	8.11	B 0.0 III	-3.88	4.48			Be star	X
3	714	HD 51193	8.22	B 1.0 V	-3.72	4.36		1.27	Be star, Hipparcos unsolved variable	X
4	650	HD 50891	8.85	B 0.0	1.24	3.87	295.0		Be star	
5	937	HD 51453	9.25	A 2.0	1.64	3.92				
6	1022	HD 51722	7.53	A 5.0	1.13	3.86	127.8	4.83	Hipparcos possible microvariable	
7	718	HD 51279	7.97	K 5.0	7.54	3.64	6.9	0.83		X
8	731	HD 51509	8.71	A 0.0	1.1	3.82				
9										

CCD A2

Priority	C Id	Name	m_v	SpT	M_v	log(Teff)	Vsin(i)	Parallax	Star type	SCRO
0	1426	HD 52265	6.3	G 0.0 III-IV	4.06	3.79	7.0	35.63	Principal Target, Star with exo-planets	X
1	1614	HD 52266	7.18	O 9.0 V	-5.29	4.52		2.06		
2	1199	HD 51673	8.69	F 0.0	1.6	3.84		3.6	Hipparcos unsolved variable	
3	1320	HD 51359	8.5	A 5.0	0.89	3.9				X
4	1154	HD 52047	8.85	F 2.0	1.24	3.83				
5	1424	HD 52208	8.8	A 0.0	1.19	3.91	64.4			
6	1098	HD 52130	9.13	A 2.0	1.52	3.92				
7	1435	HD 51152	9.23	A 0.0	1.62	3.94				
8										
9										

run	O stars	B stars Bet Cep	B stars SpB	B stars ?	B stars Be	A stars D Scu	A stars Am	A stars Ap	G Dor	A/F stars ?	F-G Sol-like	Giants
IR01	-	-	*50846* B5.0 ecl.bin ->Be	-	(*50846*)	50844 A2.0 64	50747 A4.0IV 51106 A3.0	50773 A2.0	-	50405 A0.0ecl.bin (*29279 0-F8*)	49933F2,crit2	50170F2 50890 G6III
SRc01	-	_	-	174884 (7558) B8 ecl.bin	175869(7636) B9 III	174936 169 A2.0 174966 125 A3.0	-	175543 (7710) A5.0V	-	174987 A2.0 *ecl.bin* 175542 A0.0 175272 F5.0	175726 (7837) G5.0	175679 G8III
LRc01	-	180642 (8393)B1.5II-III	-	182198B9.0V 181440 B9.0III	181231(8557)B9V	181555 170 A5.0	-	-	-	181072 A2 180973 F0	180420 F2,crit2 181906 F8,crit0	181907 (8774) G8III
LRa01	-	-	-	50064(14)B6I 50230(44)B3	49330(49) B0 50209(26) B9	-	-	49862(79)A5	49434(100)	49294 A2 MSIS 49808F0,IS,off MS	49933(20)F2 49385(18)G0 crit0	-
LRc02	-	-	-	172046, B8 170935, B8 171194, B9	-	172189 ,ecl.bin ,cluster	-	171586 ,A2	171834	171835 ,A2 171538 ,A3 171218 ,A5	170987 ,F5,crit1	-