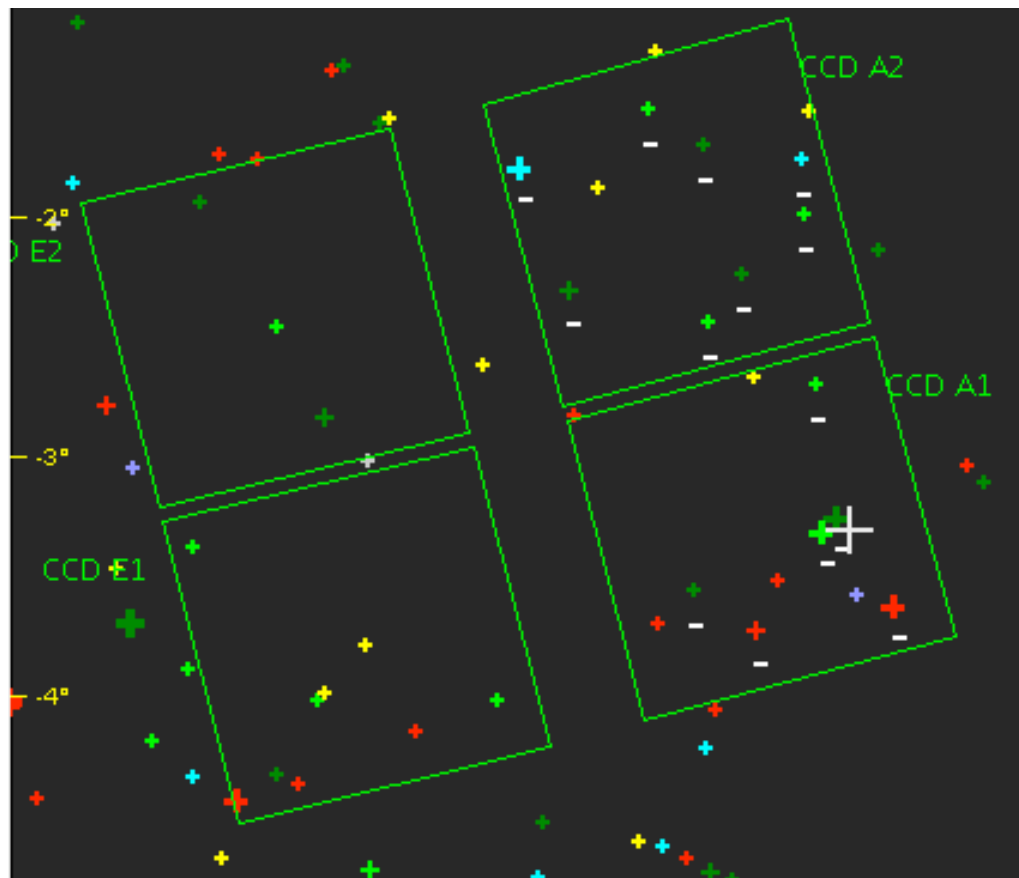


Future pointings

As decided at SC28th

SRc02

- A seismology short run centered on HD 174732
- Bloc 1640 v0



SRc02 Seismology targets

<i>CCD A1</i>										
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	X
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										

<i>CCD A2</i>										
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										
9										

Exo selection: 2 binaries + USNO

SRc02: Line of sight quaternion and corners

alpha	delta	roll	psi	theta	phi
q1	q2	q3	q4		
284.10672500		-2.86445310		-14.63644398	
0.689026053772905		0.702174741186153		0.179403590234816	-0.002842863548513 0.0683 -0.0033 0.0303

#Coordinates on the sky of CDD A1 corners (RA, Dec)

Corners 0 (line #1 column #1) 282.6202915355034 -2.4954475891298697
Corners 1 (line #2048 column #1) 283.9004492179378 -2.8488034571115746
Corners 2 (line #2048 column #2048) 283.57232968181404 -4.099026650293983
Corners 3 (line #1 column #2048) 282.2786309631946 -3.7475726012022506

#Coordinates on the sky of CDD A2 corners (RA, Dec)

Corners 0 (line #1 column #1) 282.9734691648605 -1.1694491782830483
Corners 1 (line #2048 column #1) 284.2471754735243 -1.5260499828435163
Corners 2 (line #2048 column #2048) 283.91694376805015 -2.7912997604960226
Corners 3 (line #1 column #2048) 282.6372548979106 -2.438298842033748

Coordinates on the sky of CDD E1 corners (RA, Dec)

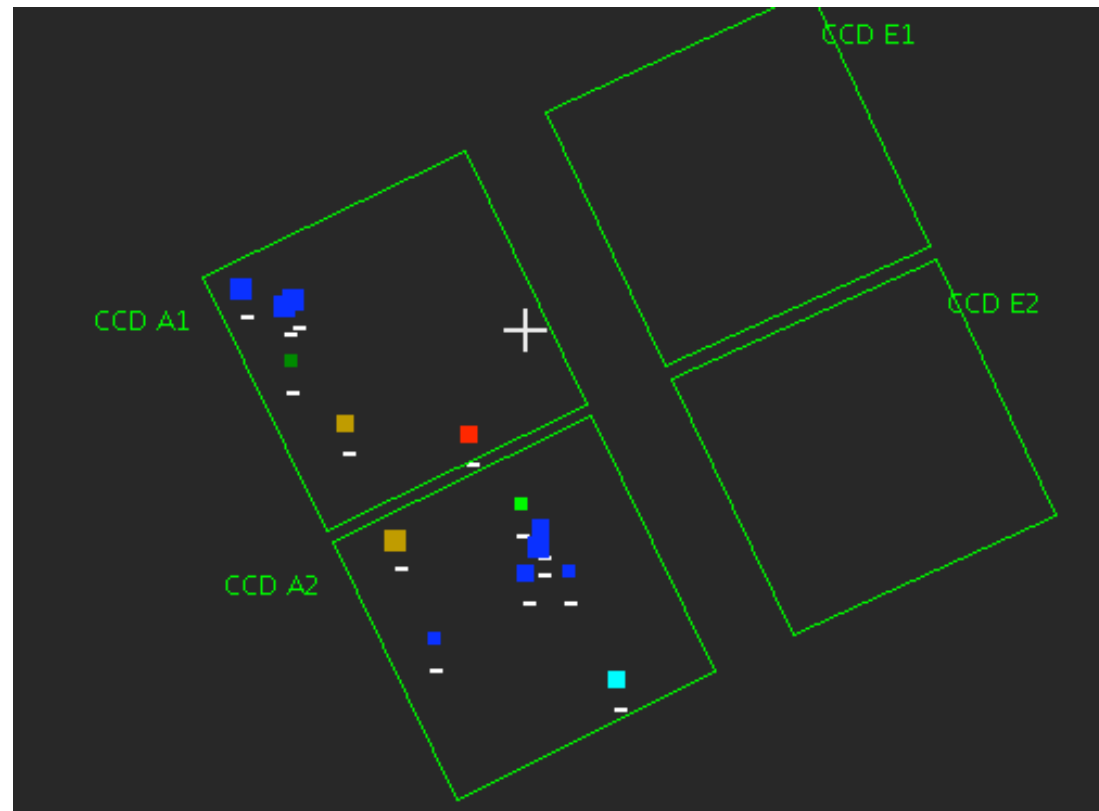
Corners 0 (line #1 column #1) 285.26931666066616 -4.529941559069063
Corners 1 (line #2048 column #1) 283.9644777671878 -4.202931490621901
Corners 2 (line #2048 column #2048) 284.28995521208816 -2.9517439773935172
Corners 3 (line #1 column #2048) 285.58309029538935 -3.269730698868755

Coordinates on the sky of CDD E2 corners (RA, Dec)

Corners 0 (line #1 column #1) 285.59857698673153 -3.2105430824617054
Corners 1 (line #2048 column #1) 284.3055641525822 -2.8935956404245893
Corners 2 (line #2048 column #2048) 284.6352954655101 -1.6281582473733174
Corners 3 (line #1 column #2048) 285.92423357110346 -1.939114211333505

SRa02

- A mixed short run dedicated to HD 46375 and to O stars



SRa02: Line of sight, quaternion and corners

- # alpha delta roll
 q1 q2 q3 q4 psi theta phi
- 97.58082917 5.67683594 -25.36355602
- 0.732580191362859 -0.643597918250806 -0.189993036103113 -0.114064144577989 0.0683 -
0.0033 0.0303
- #
- #Coordinates on the sky of CDD A1 corners (RA, Dec)
- Corners 0 (line #1 column #1) 98.97639606577373 5.020597517796463
- Corners 1 (line #2048 column #1) 97.78129891499665 5.604724535241098
- Corners 2 (line #2048 column #2048) 98.339231925053 6.773342999830336
- Corners 3 (line #1 column #2048) 99.54843589143678 6.187877737167493

- #Coordinates on the sky of CDD A2 corners (RA, Dec)
- Corners 0 (line #1 column #1) 98.38013035704356 3.78542452014608
- Corners 1 (line #2048 column #1) 97.19250639162253 4.371026567230762
- Corners 2 (line #2048 column #2048) 97.754273465618 5.551294972586462
- Corners 3 (line #1 column #2048) 98.94895656693132 4.96762896914613

- #Coordinates on the sky of CDD E1 corners (RA, Dec)
- Corners 0 (line #1 column #1) 96.74401084813624 7.514458791316329
- Corners 1 (line #2048 column #1) 97.97177452193701 6.948542316131098
- Corners 2 (line #2048 column #2048) 97.41645526114166 5.778279731210154
- Corners 3 (line #1 column #2048) 96.19941686398225 6.332492046703676

- #Coordinates on the sky of CDD E2 corners (RA, Dec)
- Corners 0 (line #1 column #1) 96.17312104627005 6.277189830214407
- Corners 1 (line #2048 column #1) 97.39019144332474 5.724044745125456
- Corners 2 (line #2048 column #2048) 96.82909840446571 4.543365674473855
- Corners 3 (line #1 column #2048) 95.61588054816868 5.089490702329283

SRa02: seismology targets

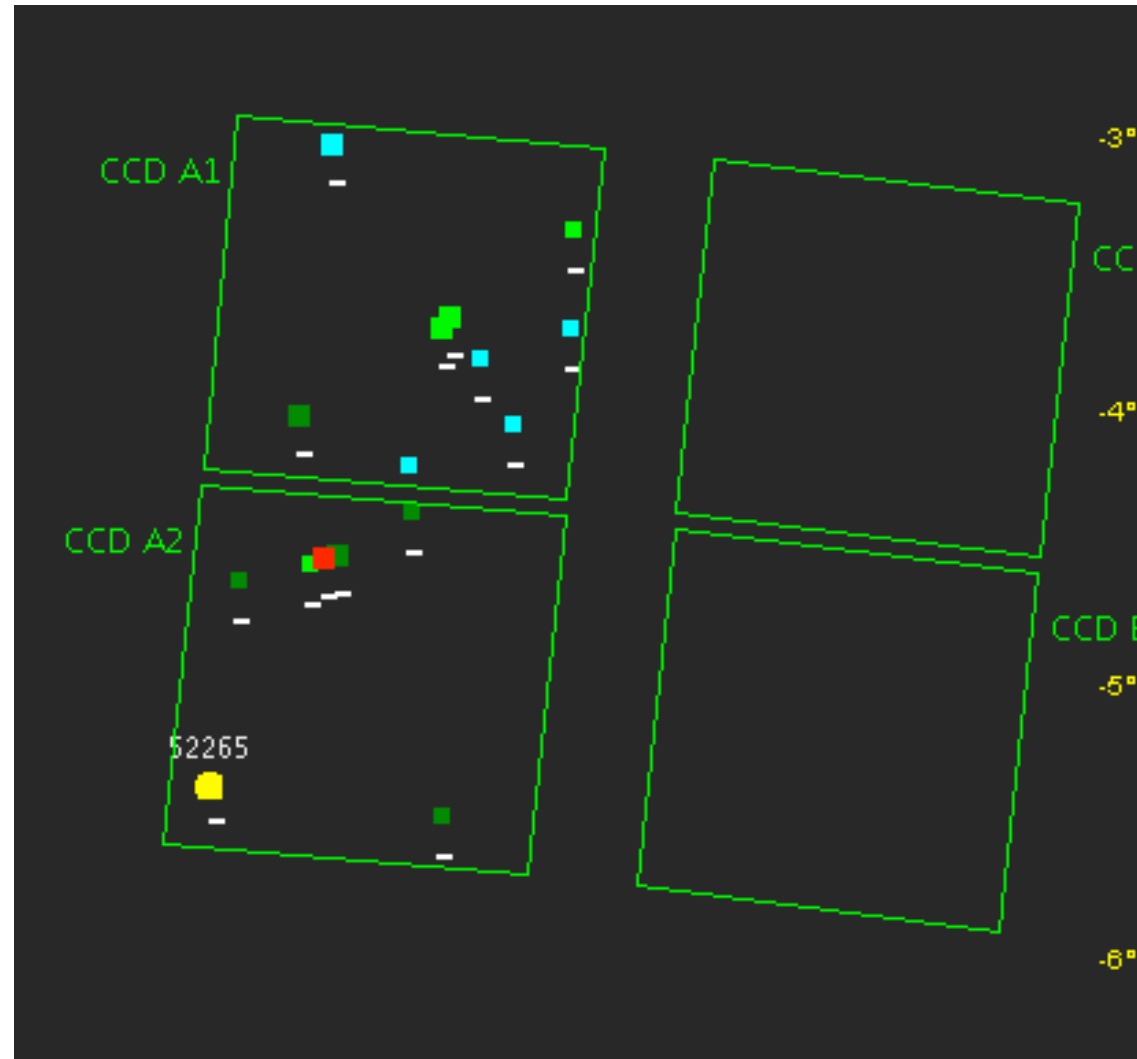
<i>CCD A1</i>										
Priority	C Id	Name	m_v	SpT	M_v	$\log(T_{\text{eff}})$	$V_{\text{sin}(i)}$	Parallax	Star type	SCAO
0	1889	HD 46375	7.84	K 1.0 IV	5.22	3.73	6.0	29.93	Star with exo-planets	X
1	1892	HD 47129	6.06	O 8.0 V	-6.96	4.5	114.4		Hipparcos unsolved variable	X
2	1900	[SC93] 311	6.43	O 8.0	-1.18					X
3	1929	HD 46966	6.89	O 8.0 V	-4.16		71.7			X
4	1787	HD 46967	8.61	A 0.0 V	1.0	3.95				
5	1737	HD 46784	7.96	M 0.0 III	9.05	3.5		0.07	Hipparcos unsolved variable	X
6										
7										
8										
9										

<i>CCD A2</i>										
Priority	C Id	Name	m_v	SpT	M_v	$\log(T_{\text{eff}})$	$V_{\text{sin}(i)}$	Parallax	Star type	SCAO
0	1818	HD 46149	7.59	O 8.5 V	-4.52	4.5	74.7			X
1	1718	HD 46223	7.27	O 5.0	-5.12	4.5	86.9	0.57		X
2	1781	HD 46150	6.75	O 6.0	-4.5	4.5	106.8	1.97		X
3	1693	HD 45911	7.4	B 2.0 IV-V	-1.27	4.27		0.32		X
4	1833	HD 46201	8.59	F 8.0 V	3.86	3.79				
5	1788	HD 46056	8.16	O 8.0 V	-4.9	4.51				
6	1471	HD 46485	8.26	O 8.0	-4.84	4.51		2.15		X
7	1570	HD 46612	6.88	M 0.0 III	0.03	3.51		4.27	Hipparcos unsolved variable	X
8										
9										

Exoselection: USNO +

LRa02

- A long run centered on HD 52265



LRa02: Line of sight quaternion and corners

- | alpha | delta | roll | | | | | | |
|-------------------|--------------------|--------------------|-------------------|------------|---------|--------|--|--|
| q1 | q2 | q3 | q4 | psi | theta | phi | | |
| 103.56402917 | | -4.38000000 | | 5.99644398 | | | | |
| 0.669816104021320 | -0.731860427907844 | -0.047964552925268 | 0.115871059885229 | 0.0683 | -0.0033 | 0.0303 | | |
- #Coordinates on the sky of CDD A1 corners (RA, Dec)
 - Corners 0 (line #1 column #1) 105.08824494920083 -4.204327536429814
 - Corners 1 (line #2048 column #1) 103.76292859059214 -4.322094864674663
 - Corners 2 (line #2048 column #2048) 103.62870617709581 -3.0404182647338174
 - Corners 3 (line #1 column #2048) 104.96283780110183 -2.9160728339266946
 - #Coordinates on the sky of CDD A2 corners (RA, Dec)
 - Corners 0 (line #1 column #1) 105.22992136507686 -5.573017142644348
 - Corners 1 (line #2048 column #1) 103.90620053195917 -5.6858803965117986
 - Corners 2 (line #2048 column #2048) 103.76781339155019 -4.381710367959172
 - Corners 3 (line #1 column #2048) 105.09270907926583 -4.263764442666658
 - #Coordinates on the sky of CDD E1 corners (RA, Dec)
 - Corners 0 (line #1 column #1) 101.89157223750391 -3.2367935587306915
 - Corners 1 (line #2048 column #1) 103.22551440225392 -3.081164652628444
 - Corners 2 (line #2048 column #2048) 103.36144712808559 -4.362836197564913
 - Corners 3 (line #1 column #2048) 102.0375159908647 -4.523025861543054
 - #Coordinates on the sky of CDD E2 corners (RA, Dec)
 - Corners 0 (line #1 column #1) 102.04369773574966 -4.583895316441412
 - Corners 1 (line #2048 column #1) 103.36733938239512 -4.422748713798373
 - Corners 2 (line #2048 column #2048) 103.50516587740145 -5.7270989565100905
 - Corners 3 (line #1 column #2048) 102.1833664208565 -5.893279996781372

LRc03: Line of sight quaternion and corners

```
# Line of sight (as requested) and quaternion computed with bias angles
#
# alpha      delta      roll      q1      q2      q3      q4
#           psi      theta     phi
277.52999583 -7.39333330  5.36355602  0.655629114838423  0.751275346671347  0.013754755569443  0.074475660180073
#           0.0683      -0.0033      0.0303
#
#Coordinates on the sky of CDD A1 comers (RA, Dec)
Comers 0 (line #1 column #1) 275.99470323726575 -7.556466758322833
Comers 1 (line #2048 column #1) 277.32934859867294 -7.44912681455338
Comers 2 (line #2048 column #2048) 277.44967632441757 -8.738619186321456
Comers 3 (line #1 column #2048) 276.09988994645505 -8.852966248462007

#Coordinates on the sky of CDD A2 comers (RA, Dec)
Comers 0 (line #1 column #1) 275.87556289811994 -6.192142999815164
Comers 1 (line #2048 column #1) 277.202075461254 -6.090100934254558
Comers 2 (line #2048 column #2048) 277.3251446730194 -7.389453048631379
Comers 3 (line #1 column #2048) 275.99120349671284 -7.4969482481935925

#Coordinates on the sky of CDD E1 comers (RA, Dec)
Comers 0 (line #1 column #1) 279.20568558448946 -8.564765437894163
Comers 1 (line #2048 column #1) 277.85741037663223 -8.702148693369642
Comers 2 (line #2048 column #2048) 277.73349715816516 -7.412801942006361
Comers 3 (line #1 column #2048) 279.0655721199791 -7.27137615060561

#Coordinates on the sky of CDD E2 comers (RA, Dec)
Comers 0 (line #1 column #1) 279.05970199130167 -7.210479339964503
Comers 1 (line #2048 column #1) 277.7281974033867 -7.352828994598164
Comers 2 (line #2048 column #2048) 277.6038244427448 -6.053472566501689
Comers 3 (line #1 column #2048) 278.92735404627666 -5.9068764445649595
```

