SUPPLEMENT

Astrometry of minor planets made at the Skalnaté Pleso Observatory in the year 2000

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Abstract. The paper presents the results of position determinations of minor planets carried out at the Skalnaté Pleso Observatory in the year 2000. 307 observations of 25 minor planets are given together with the list of reference stars. In contrast to the previous astrometric observations performed using the photography, the presented result is the first obtained using the CCD detector recently installed at the Skalnaté Pleso Observatory astrograph.

Key words: astrometry – asteroids

1. Introduction

The presented paper is a continuation of the previous papers which gave the results of positional observations of minor planets obtained at the Skalnaté Pleso Observatory (the last paper of this series: Neslušan, 2000) and contains the observations made in the year 2000, from January to November.

The reference stars were selected from the USNO-A2.0 Star Catalog (Monet et al., 1998).

The reduction was made using the method of plate constants within computer program *Astrometrica* (Raab, 1993).

A total of 307 accurate positions of 25 minor planets are given. A list of reference stars and a list of collaborators are included, too. The list of collaborators informs about their share in exposing, measuring, and reducing the positions.

The presented result is the first obtained using the CCD detection technique recently installed at the Skalnaté Pleso Observatory astrograph.

2. Positions of minor planets

The data have been arranged according to serial numbers of minor planets. The individual columns of the table contain the following:

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SUPPLEMENT

N − serial number of observation,
MP − number of minor planet (if unnumbered, yet, the preliminary designation is given in parentheses),
Date U.T. − date and time of the middle of the exposure,
$R.A._{2000}$ − right ascension for equinox 2000.0 (in h,m,s),
$Decl._{2000}$ − declination for equinox 2000.0 (in °,′, ″),
dα − the mean residual in R.A. in arc seconds,
dδ − the mean residual in Decl. in arc seconds.

N	MP	Date U.T.	$R.A._{2000}$	$Decl._{2000}$	dα	dδ
1	1	2000 Apr. 21.84317	12 11 10.38	+15 19 36.8	0.2	0.2
2	1	2000 Apr. 21.86267	12 11 09.70	+15 19 34.4	0.3	0.1
3	1	2000 Apr. 22.91344	12 10 35.80	+15 17 14.9	0.0	0.1
4	1	2000 Apr. 22.92129	12 10 35.54	+15 17 13.9	0.2	0.1
5	1	2000 Apr. 23.82868	12 10 07.53	+15 15 02.7	0.1	0.1
6	1	2000 Apr. 23.84567	12 10 07.06	+15 14 59.6	0.3	0.3
7	1	2000 Apr. 26.82876	12 08 42.55	+15 06 28.6	0.1	0.0
8	1	2000 Apr. 26.84780	12 08 42.13	+15 06 24.9	0.0	0.0
9	1	2000 May 2.83581	12 06 31.17	+14 43 42.6	0.2	0.0
10	1	2000 May 2.85006	12 06 30.87	+14 43 39.0	0.1	0.2
11	1	2000 May 3.81287	12 06 14.80	+14 39 20.3	0.1	0.1
12	1	2000 May 3.82713	12 06 14.49	+14 39 16.6	0.3	0.3
13	1	2000 May 4.81181	12 05 59.48	+14 34 40.8	0.1	0.1
14	1	2000 May 4.82829	12 05 59.29	+14 34 35.9	0.1	0.1
15	1	2000 May 10.98274	12 04 58.40	+14 01 55.4	0.1	0.2
16	1	2000 May 11.87822	12 04 54.31	+13 56 36.6	0.3	0.1
17	1	2000 May 21.81792	12 05 27.15	+12 49 58.1	0.2	0.3
18	1	2000 May 21.83108	12 05 27.15	+12 49 51.6	0.3	0.3
19	1	2000 May 25.81815	12 06 19.12	+12 19 29.5	0.1	0.0
20	1	2000 May 25.83727	12 06 19.45	+12 19 19.4	0.1	0.2
21	1	2000 May 26.81656	12 06 35.49	+12 11 35.8	0.1	0.2
22	1	2000 May 26.83484	12 06 35.83	+12 11 26.8	0.2	0.3
23	1	2000 May 27.82698	12 06 53.33	+12 03 30.4	0.2	0.2
24	1	2000 May 27.84284	12 06 53.57	+12 03 21.7	0.3	0.0
25	7	2000 Apr. 4.86523	08 31 06.19	+11 56 21.5	0.1	0.2
26	7	2000 Apr. 4.88335	08 31 06.84	+11 56 20.6	0.1	0.0
27	7	2000 Apr. 30.79624	08 52 08.91	+11 23 16.2	0.1	0.2
28	7	2000 Apr. 30.81289	08 52 09.90	+11 23 13.8	0.1	0.3
29	7	2000 May 2.79110	08 54 13.01	+11 18 04.7	0.2	0.1
30	7	2000 May 2.80880	08 54 14.14	+11 18 02.2	0.2	0.3
31	16	2000 Nov. 21.08934	05 08 40.28	+18 07 54.7	0.1	0.1
32	16	2000 Nov. 21.10120	05 08 39.83	+18 07 55.0	0.2	0.3
33	18	2000 Mar. 31.81812	07 34 12.57	+18 34 56.5	0.3	0.2
34	18	2000 Mar. 31.87323	07 34 15.33	+18 35 05.1	0.0	0.1
35	39	2000 Jul. 2.92225	17 06 33.11	−07 53 18.3	0.1	0.2
36	39	2000 Jul. 2.93806	17 06 32.42	−07 53 19.4	0.2	0.2
37	39	2000 Jul. 4.89042	17 05 12.68	−07 58 30.8	0.2	0.0
38	39	2000 Jul. 4.90639	17 05 12.02	−07 58 33.3	0.2	0.3
39	39	2000 Jul. 27.96215	16 55 33.83	−09 29 00.1	0.1	0.2
40	39	2000 Jul. 27.98388	16 55 33.68	−09 29 06.0	0.2	0.1

41	39	2000 Aug.	2.90977	16 55 07.91	−09 59 01.2	0.1	0.2
42	39	2000 Aug.	2.93174	16 55 07.87	−09 59 09.3	0.3	0.2
43	39	2000 Aug.	2.95387	16 55 07.89	−09 59 17.1	0.2	0.2
44	39	2000 Aug.	3.87310	16 55 08.79	−10 04 03.7	0.3	0.2
45	39	2000 Aug.	4.92113	16 55 11.19	−10 09 35.3	0.2	0.1
46	39	2000 Aug.	5.95402	16 55 15.19	−10 15 03.3	0.1	0.2
47	69	2000 Apr.	22.83524	11 00 18.12	+05 16 12.9	0.2	0.1
48	69	2000 Apr.	22.84748	11 00 18.07	+05 16 14.4	0.1	0.3
49	69	2000 Apr.	23.79782	11 00 18.42	+05 19 27.7	0.1	0.1
50	69	2000 Apr.	23.80824	11 00 18.35	+05 19 29.6	0.1	0.1
51	69	2000 Apr.	26.78964	11 00 27.28	+05 28 31.4	0.1	0.3
52	69	2000 Apr.	26.81127	11 00 27.33	+05 28 35.3	0.2	0.3
53	69	2000 May	2.82917	11 01 21.67	+05 42 02.7	0.3	0.1
54	69	2000 May	2.81449	11 01 21.49	+05 42 01.2	0.3	0.1
55	75	2000 Feb.	10.87370	11 08 01.50	+08 14 60.0	0.2	0.0
56	75	2000 Feb.	10.88963	11 08 00.85	+08 15 01.9	0.2	0.2
57	75	2000 Feb.	10.90714	11 08 00.05	+08 15 06.6	0.2	0.3
58	97	2000 May	3.89163	17 29 59.44	−07 32 02.2	0.2	0.2
59	97	2000 May	7.90117	17 27 58.37	−07 17 20.3	0.2	0.1
60	97	2000 May	7.91839	17 27 57.82	−07 17 14.9	0.1	0.2
61	97	2000 May	10.93892	17 26 14.82	−07 06 42.6	0.0	0.1
62	97	2000 May	13.85844	17 24 26.30	−06 57 04.8	0.1	0.2
63	97	2000 May	12.93551	17 25 01.54	−07 00 03.6	0.1	0.1
64	97	2000 May	12.95415	17 25 00.78	−07 00 01.3	0.3	0.1
65	97	2000 May	14.89884	17 23 45.63	−06 53 43.6	0.2	0.2
66	97	2000 Jun.	1.88058	17 09 54.82	−06 10 14.1	0.3	0.1
67	97	2000 Jun.	2.95905	17 08 59.87	−06 08 32.4	0.2	0.1
68	97	2000 Jun.	3.90233	17 08 11.56	−06 07 14.6	0.2	0.1
69	97	2000 Jun.	3.91400	17 08 11.05	−06 07 12.2	0.1	0.1
70	97	2000 Jun.	5.91139	17 06 28.25	−06 04 42.0	0.2	0.3
71	97	2000 Jun.	5.92541	17 06 27.50	−06 04 41.7	0.2	0.3
72	97	2000 Jun.	10.94703	17 02 08.62	−06 00 23.6	0.3	0.2
73	97	2000 Jun.	10.97524	17 02 07.18	−06 00 21.5	0.3	0.2
74	97	2000 Jun.	21.85576	16 53 06.25	−06 01 06.9	0.3	0.3
75	97	2000 Jun.	21.88260	16 53 05.02	−06 01 06.2	0.2	0.2
76	97	2000 Jun.	22.84340	16 52 20.00	−06 01 50.5	0.2	0.3
77	97	2000 Jun.	22.86143	16 52 19.04	−06 01 48.3	0.2	0.3
78	97	2000 Jun.	28.86829	16 47 50.98	−06 08 41.9	0.1	0.2
79	97	2000 Jun.	28.88529	16 47 50.28	−06 08 44.6	0.2	0.1
80	97	2000 Jul.	2.94859	16 45 05.57	−06 15 41.8	0.2	0.3
81	97	2000 Jul.	2.96655	16 45 04.80	−06 15 42.6	0.2	0.3
82	97	2000 Jul.	4.91140	16 43 51.60	−06 19 40.5	0.3	0.0
83	97	2000 Jul.	4.93088	16 43 50.82	−06 19 42.2	0.2	0.1
84	97	2000 Jul.	9.89044	16 41 01.62	−06 31 30.2	0.3	0.1
85	110	2000 Jan.	7.94613	06 11 24.76	+29 18 26.5	0.1	0.1
86	110	2000 Jan.	7.96752	06 11 23.50	+29 18 28.2	0.1	0.2
87	125	2000 Nov.	5.91256	04 59 58.61	+16 12 13.0	0.2	0.3

SUPPLEMENT

88	125	2000 Nov.	21.00642	04 48 31.61	+15 33 25.5	0.3	0.2
89	125	2000 Nov.	21.02014	04 48 30.91	+15 33 24.6	0.3	0.3
90	147	2000 Jan.	7.83797	05 43 11.30	+22 16 18.7	0.0	0.1
91	147	2000 Jan.	7.87450	05 43 09.53	+22 16 16.0	0.0	0.1
92	184	2000 Sep.	6.84485	01 20 49.24	+09 33 13.1	0.2	0.3
93	184	2000 Sep.	6.85921	01 20 48.76	+09 33 11.4	0.3	0.3
94	184	2000 Sep.	25.90874	01 10 09.73	+08 36 04.9	0.3	0.3
95	184	2000 Sep.	25.92290	01 10 09.12	+08 36 01.7	0.2	0.2
96	184	2000 Sep.	26.84933	01 09 31.40	+08 32 29.3	0.1	0.1
97	184	2000 Sep.	26.86569	01 09 30.77	+08 32 25.1	0.3	0.0
98	184	2000 Sep.	27.81656	01 08 51.50	+08 28 42.8	0.3	0.3
99	184	2000 Sep.	27.83753	01 08 50.60	+08 28 37.9	0.3	0.3
100	184	2000 Sep.	28.78358	01 08 11.09	+08 24 53.3	0.3	0.2
101	184	2000 Sep.	28.80041	01 08 10.47	+08 24 50.7	0.3	0.2
102	184	2000 Sep.	29.79336	01 07 28.61	+08 20 51.3	0.0	0.1
103	184	2000 Sep.	29.81080	01 07 27.88	+08 20 47.5	0.2	0.1
104	184	2000 Oct.	4.86792	01 03 49.70	+07 59 49.1	0.2	0.3
105	184	2000 Oct.	4.88698	01 03 48.88	+07 59 44.8	0.1	0.1
106	184	2000 Oct.	20.75780	00 52 20.80	+06 51 06.9	0.3	0.2
107	184	2000 Oct.	20.78005	00 52 19.91	+06 51 01.0	0.2	0.1
108	184	2000 Oct.	21.82501	00 51 37.01	+06 46 37.0	0.1	0.1
109	184	2000 Oct.	21.86153	00 51 35.49	+06 46 27.9	0.2	0.2
110	184	2000 Oct.	22.82958	00 50 56.36	+06 42 26.3	0.2	0.1
111	184	2000 Oct.	27.80057	00 47 43.94	+06 22 29.5	0.3	0.2
112	184	2000 Oct.	27.81472	00 47 43.38	+06 22 25.9	0.1	0.2
113	184	2000 Oct.	28.89231	00 47 03.80	+06 18 18.5	0.2	0.0
114	184	2000 Oct.	28.93355	00 47 02.34	+06 18 09.7	0.1	0.1
115	184	2000 Nov.	2.73193	00 44 18.25	+06 00 46.8	0.2	0.3
116	184	2000 Nov.	2.75375	00 44 17.53	+06 00 41.7	0.2	0.2
117	184	2000 Nov.	5.73184	00 42 45.89	+05 50 53.9	0.3	0.2
118	184	2000 Nov.	5.74637	00 42 45.46	+05 50 51.6	0.3	0.3
119	201	2000 Feb.	10.94925	10 14 39.65	+09 34 51.1	0.0	0.2
120	201	2000 Feb.	10.95735	10 14 39.31	+09 34 54.1	0.1	0.1
121	201	2000 Feb.	10.97418	10 14 38.45	+09 35 00.2	0.1	0.1
122	201	2000 Mar.	12.77319	09 50 18.92	+12 33 22.2	0.1	0.2
123	201	2000 Mar.	12.78549	09 50 18.40	+12 33 24.7	0.2	0.2
124	216	2000 Jan.	7.77850	03 40 15.62	+06 26 24.5	0.2	0.2
125	216	2000 Jan.	12.85934	03 41 47.30	+06 32 42.3	0.2	0.3
126	216	2000 Jan.	12.87187	03 41 47.62	+06 32 41.8	0.3	0.3
127	216	2000 Jan.	12.88547	03 41 47.89	+06 32 44.2	0.2	0.2
128	216	2000 Jan.	14.77602	03 42 33.46	+06 36 14.7	0.3	0.3
129	216	2000 Jan.	14.80883	03 42 34.24	+06 36 17.9	0.3	0.2
130	216	2000 Jan.	14.86819	03 42 35.69	+06 36 26.4	0.3	0.1
131	216	2000 Jan.	27.79947	03 50 17.81	+07 13 58.0	0.1	0.3
132	216	2000 Jan.	27.73517	03 50 14.94	+07 13 43.1	0.3	0.3
133	216	2000 Feb.	6.77856	03 58 53.18	+07 54 30.2	0.0	0.3
134	216	2000 Feb.	6.79412	03 58 54.09	+07 54 33.2	0.2	0.3

135	224	2000 Oct.	20.92663	03 07 25.24	+24 38 05.0	0.3	0.3
136	224	2000 Oct.	20.94830	03 07 24.08	+24 38 04.1	0.2	0.2
137	224	2000 Oct.	21.76966	03 06 42.10	+24 37 24.4	0.3	0.1
138	224	2000 Oct.	21.78300	03 06 41.37	+24 37 22.8	0.2	0.2
139	224	2000 Oct.	22.88193	03 05 43.83	+24 36 22.6	0.3	0.2
140	224	2000 Oct.	22.90764	03 05 42.43	+24 36 21.2	0.1	0.2
141	224	2000 Oct.	27.84825	03 01 09.76	+24 29 39.3	0.3	0.3
142	224	2000 Oct.	27.86203	03 01 08.96	+24 29 39.1	0.3	0.0
143	224	2000 Oct.	28.94898	03 00 06.29	+24 27 42.5	0.2	0.0
144	224	2000 Oct.	28.96256	03 00 05.47	+24 27 43.1	0.2	0.2
145	224	2000 Nov.	2.75954	02 55 22.02	+24 17 25.9	0.2	0.2
146	224	2000 Nov.	2.77801	02 55 20.92	+24 17 23.1	0.2	0.2
147	224	2000 Nov.	5.81828	02 52 17.38	+24 09 25.9	0.2	0.3
148	224	2000 Nov.	5.85122	02 52 15.31	+24 09 20.5	0.1	0.2
149	224	2000 Nov.	20.98354	02 37 34.86	+23 17 55.3	0.1	0.2
150	224	2000 Nov.	20.99647	02 37 34.17	+23 17 52.4	0.2	0.3
151	276	2000 Jul.	26.00683	23 48 05.11	+18 57 06.1	0.3	0.1
152	276	2000 Jul.	26.01936	23 48 05.20	+18 57 08.0	0.1	0.3
153	276	2000 Jul.	26.06078	23 48 05.10	+18 57 13.1	0.1	0.1
154	276	2000 Jul.	27.92303	23 48 00.96	+19 00 22.3	0.3	0.2
155	276	2000 Jul.	27.94995	23 48 00.86	+19 00 26.2	0.3	0.3
156	276	2000 Aug.	1.89523	23 47 30.26	+19 06 10.5	0.3	0.3
157	276	2000 Aug.	5.97767	23 46 44.13	+19 07 35.0	0.3	0.1
158	276	2000 Aug.	5.99876	23 46 43.82	+19 07 35.2	0.3	0.1
159	276	2000 Aug.	7.92650	23 46 15.76	+19 07 08.2	0.1	0.2
160	276	2000 Aug.	7.95259	23 46 15.23	+19 07 07.8	0.1	0.2
161	276	2000 Aug.	8.89201	23 46 00.09	+19 06 38.4	0.1	0.0
162	276	2000 Aug.	8.92102	23 45 59.39	+19 06 37.2	0.2	0.2
163	276	2000 Aug.	9.94992	23 45 41.73	+19 05 50.6	0.1	0.2
164	276	2000 Aug.	9.96978	23 45 41.30	+19 05 51.6	0.2	0.2
165	276	2000 Aug.	18.93477	23 42 19.87	+18 50 02.3	0.0	0.1
166	276	2000 Aug.	19.91487	23 41 53.28	+18 47 15.8	0.2	0.1
167	276	2000 Aug.	20.95425	23 41 23.91	+18 44 03.2	0.2	0.3
168	276	2000 Aug.	20.97624	23 41 23.24	+18 43 59.6	0.2	0.2
169	276	2000 Sep.	3.93144	23 33 26.42	+17 37 51.6	0.3	0.2
170	276	2000 Sep.	3.94509	23 33 25.96	+17 37 46.0	0.2	0.1
171	276	2000 Sep.	6.80975	23 31 34.90	+17 19 01.3	0.1	0.3
172	276	2000 Sep.	6.83019	23 31 34.03	+17 18 53.0	0.3	0.2
173	276	2000 Sep.	8.80091	23 30 16.08	+17 05 01.9	0.2	0.2
174	276	2000 Sep.	8.81580	23 30 15.48	+17 04 55.6	0.0	0.3
175	276	2000 Sep.	9.81026	23 29 35.78	+16 57 38.6	0.2	0.3
176	276	2000 Sep.	9.82646	23 29 35.10	+16 57 31.8	0.2	0.3
177	276	2000 Sep.	10.79677	23 28 56.21	+16 50 15.0	0.2	0.1
178	276	2000 Sep.	10.81921	23 28 55.28	+16 50 03.8	0.3	0.3
179	276	2000 Sep.	18.97565	23 23 25.86	+15 42 18.4	0.0	0.3
180	276	2000 Sep.	18.99088	23 23 25.22	+15 42 10.3	0.0	0.1
181	276	2000 Sep.	23.93355	23 20 10.72	+14 56 17.9	0.3	0.2

SUPPLEMENT

182	276	2000 Sep.	23.94865	23 20 10.09	+14 56 09.9	0.2	0.2
183	276	2000 Sep.	24.88331	23 19 34.26	+14 47 09.0	0.2	0.1
184	276	2000 Sep.	24.90196	23 19 33.48	+14 46 59.1	0.0	0.2
185	276	2000 Sep.	25.78652	23 19 00.18	+14 38 22.0	0.2	0.1
186	276	2000 Sep.	25.80299	23 18 59.54	+14 38 13.9	0.2	0.3
187	276	2000 Sep.	26.82023	23 18 21.46	+14 28 13.7	0.2	0.1
188	276	2000 Sep.	26.83760	23 18 20.84	+14 28 03.2	0.2	0.3
189	276	2000 Sep.	27.79317	23 17 45.60	+14 18 35.2	0.2	0.3
190	276	2000 Sep.	27.80965	23 17 44.92	+14 18 24.8	0.2	0.0
191	276	2000 Sep.	28.76110	23 17 10.31	+14 08 53.5	0.2	0.1
192	276	2000 Sep.	28.77878	23 17 09.73	+14 08 43.0	0.3	0.2
193	276	2000 Sep.	29.76378	23 16 34.54	+13 58 48.4	0.3	0.3
194	276	2000 Sep.	29.78741	23 16 33.64	+13 58 34.7	0.3	0.1
195	276	2000 Oct.	4.83148	23 13 44.06	+13 06 57.3	0.3	0.1
196	276	2000 Oct.	4.84604	23 13 43.60	+13 06 48.6	0.2	0.3
197	276	2000 Oct.	5.80749	23 13 13.54	+12 56 52.9	0.2	0.1
198	276	2000 Oct.	5.82303	23 13 13.01	+12 56 42.1	0.2	0.2
199	276	2000 Oct.	8.97529	23 11 40.06	+12 23 56.7	0.2	0.2
200	276	2000 Oct.	8.98843	23 11 39.66	+12 23 50.9	0.2	0.0
201	276	2000 Oct.	20.73400	23 07 21.87	+10 23 56.4	0.2	0.0
202	276	2000 Oct.	20.75166	23 07 21.56	+10 23 45.2	0.1	0.2
203	276	2000 Oct.	21.72478	23 07 07.05	+10 14 10.7	0.3	0.1
204	276	2000 Oct.	21.78526	23 07 06.10	+10 13 36.2	0.3	0.2
205	276	2000 Oct.	21.79669	23 07 06.02	+10 13 28.9	0.2	0.2
206	276	2000 Oct.	22.72396	23 06 53.20	+10 04 25.1	0.2	0.3
207	276	2000 Oct.	22.74417	23 06 52.86	+10 04 15.0	0.2	0.1
208	276	2000 Oct.	27.82562	23 06 01.44	+09 16 09.7	0.1	0.1
209	276	2000 Oct.	27.84169	23 06 01.33	+09 16 01.1	0.1	0.0
210	369	2000 Apr.	21.88331	12 57 21.74	+13 50 17.5	0.1	0.3
211	369	2000 Apr.	21.86987	12 57 22.40	+13 50 16.2	0.0	0.1
212	369	2000 Apr.	22.88047	12 56 35.76	+13 51 12.6	0.2	0.0
213	369	2000 Apr.	22.89421	12 56 35.07	+13 51 12.1	0.0	0.2
214	369	2000 Apr.	23.86062	12 55 51.23	+13 51 53.5	0.3	0.1
215	369	2000 Apr.	23.87629	12 55 50.50	+13 51 54.3	0.0	0.0
216	369	2000 Apr.	26.87354	12 53 39.60	+13 52 40.0	0.1	0.2
217	369	2000 Apr.	26.89076	12 53 38.81	+13 52 39.3	0.3	0.1
218	369	2000 May	2.86211	12 49 43.96	+13 48 16.2	0.0	0.1
219	369	2000 May	2.87701	12 49 43.37	+13 48 13.9	0.0	0.1
220	369	2000 May	3.83759	12 49 09.54	+13 46 49.9	0.1	0.1
221	369	2000 May	4.84234	12 48 34.75	+13 45 06.6	0.1	0.2
222	369	2000 May	4.85903	12 48 34.17	+13 45 04.9	0.1	0.1
223	369	2000 May	11.85612	12 45 07.70	+13 27 27.4	0.1	0.1
224	369	2000 May	12.91455	12 44 41.95	+13 23 56.3	0.3	0.0
225	369	2000 May	15.83529	12 43 38.40	+13 13 13.7	0.3	0.1
226	369	2000 May	15.85264	12 43 38.10	+13 13 09.1	0.2	0.3
227	369	2000 May	21.84369	12 42 03.51	+12 46 28.0	0.2	0.2
228	369	2000 May	21.86491	12 42 03.20	+12 46 21.6	0.3	0.2

229	369	2000 May	26.84718	12 41 21.19	+12 19 48.4	0.2	0.2
230	369	2000 May	26.86487	12 41 21.07	+12 19 44.8	0.3	0.3
231	369	2000 May	27.85460	12 41 16.79	+12 14 01.9	0.3	0.2
232	369	2000 May	27.86841	12 41 16.75	+12 13 56.8	0.1	0.3
233	379	2000 Feb.	10.83779	09 37 46.28	+12 55 54.7	0.2	0.2
234	379	2000 Feb.	10.85531	09 37 45.35	+12 56 00.8	0.1	0.1
235	406	2000 Sep.	28.83781	02 22 08.77	+20 43 16.8	0.3	0.2
236	406	2000 Sep.	28.86049	02 22 08.01	+20 43 17.3	0.1	0.3
237	406	2000 Sep.	29.86198	02 21 36.19	+20 42 58.1	0.3	0.3
238	406	2000 Sep.	29.88149	02 21 35.47	+20 42 55.3	0.2	0.2
239	406	2000 Oct.	4.85046	02 18 36.32	+20 38 46.0	0.3	0.2
240	406	2000 Oct.	4.86403	02 18 35.73	+20 38 46.3	0.2	0.1
241	406	2000 Oct.	5.82650	02 17 57.24	+20 37 29.0	0.2	0.2
242	406	2000 Oct.	5.85552	02 17 56.07	+20 37 26.5	0.3	0.2
243	406	2000 Oct.	8.99425	02 15 42.57	+20 32 09.9	0.3	0.2
244	406	2000 Oct.	9.01985	02 15 41.39	+20 32 07.0	0.3	0.3
245	406	2000 Oct.	20.80611	02 06 04.43	+19 58 44.5	0.2	0.3
246	406	2000 Oct.	20.82823	02 06 03.22	+19 58 39.3	0.2	0.2
247	406	2000 Oct.	21.87501	02 05 08.37	+19 54 47.1	0.0	0.2
248	406	2000 Oct.	21.89749	02 05 07.20	+19 54 41.8	0.3	0.3
249	406	2000 Oct.	22.79236	02 04 20.37	+19 51 14.4	0.3	0.1
250	406	2000 Oct.	22.80597	02 04 19.53	+19 51 12.2	0.3	0.2
251	406	2000 Oct.	27.86730	01 59 53.20	+19 30 14.8	0.2	0.2
252	406	2000 Oct.	27.88096	01 59 52.45	+19 30 12.0	0.2	0.2
253	406	2000 Oct.	28.97097	01 58 55.47	+19 25 22.2	0.1	0.2
254	412	2000 Oct.	27.91942	03 21 47.17	−00 44 55.2	0.0	0.1
255	412	2000 Oct.	27.93681	03 21 46.33	−00 45 00.5	0.3	0.3
256	412	2000 Nov.	2.79618	03 16 48.54	−01 01 19.1	0.1	0.1
257	412	2000 Nov.	2.81748	03 16 47.36	−01 01 22.6	0.1	0.1
258	412	2000 Nov.	5.88868	03 14 04.30	−01 08 03.4	0.1	0.1
259	412	2000 Nov.	5.90667	03 14 03.33	−01 08 04.2	0.1	0.1
260	412	2000 Nov.	21.04431	03 00 33.99	−01 18 14.8	0.3	0.3
261	412	2000 Nov.	21.05758	03 00 33.27	−01 18 15.4	0.3	0.2
262	696	2000 Nov.	21.10571	06 59 05.18	+33 27 45.8	0.2	0.2
263	696	2000 Nov.	21.11946	06 59 04.96	+33 27 44.3	0.2	0.3
264	696	2000 Nov.	23.82302	06 58 00.66	+33 24 41.2	0.1	0.1
265	696	2000 Nov.	23.84228	06 58 00.25	+33 24 40.0	0.2	0.1
266	895	2000 Oct.	20.87672	02 51 54.45	+43 30 32.9	0.3	0.1
267	895	2000 Oct.	20.90774	02 51 52.80	+43 30 24.7	0.3	0.3
268	895	2000 Oct.	21.90052	02 51 03.89	+43 25 31.2	0.3	0.1
269	895	2000 Oct.	21.93006	02 51 02.45	+43 25 22.8	0.3	0.3
270	895	2000 Oct.	22.85036	02 50 16.49	+43 20 32.9	0.2	0.1
271	895	2000 Oct.	22.86527	02 50 15.68	+43 20 28.1	0.3	0.1
272	895	2000 Oct.	27.88968	02 45 51.61	+42 49 24.2	0.3	0.1
273	895	2000 Oct.	27.90928	02 45 50.59	+42 49 17.4	0.3	0.2
274	895	2000 Nov.	2.82758	02 40 24.19	+42 02 30.0	0.1	0.1
275	895	2000 Nov.	5.79322	02 37 39.30	+41 35 07.5	0.2	0.3

SUPPLEMENT

276	895	2000 Nov.	5.80902	02 37 38.40	+41 34 57.6	0.3	0.3
277	895	2000 Nov.	21.02442	02 24 42.64	+38 39 38.6	0.2	0.0
278	895	2000 Nov.	21.03823	02 24 41.95	+38 39 27.9	0.1	0.1
279	1989	2000 Sep.	23.87363	02 03 07.71	+11 08 43.9	0.2	0.2
280	1989	2000 Sep.	23.90108	02 03 06.70	+11 08 41.8	0.3	0.1
281	1989	2000 Sep.	23.91491	02 03 06.11	+11 08 42.4	0.2	0.1
282	1989	2000 Sep.	26.87525	02 01 02.19	+11 08 04.3	0.2	0.2
283	1989	2000 Sep.	27.88281	02 00 16.83	+11 07 39.9	0.2	0.3
284	1989	2000 Sep.	27.89986	02 00 15.96	+11 07 38.2	0.1	0.0
285	1989	2000 Sep.	28.81113	01 59 33.65	+11 07 09.4	0.1	0.1
286	1989	2000 Sep.	28.82951	01 59 32.70	+11 07 09.6	0.2	0.2
287	1989	2000 Sep.	29.83037	01 58 44.59	+11 06 31.6	0.2	0.2
288	1989	2000 Sep.	29.84756	01 58 43.90	+11 06 33.0	0.0	0.3
289	1989	2000 Oct.	4.89573	01 54 19.36	+11 01 51.8	0.2	0.2
290	1989	2000 Oct.	4.91102	01 54 18.45	+11 01 50.6	0.1	0.1
291	1989	2000 Oct.	20.83367	01 37 49.70	+10 35 07.4	0.2	0.2
292	1989	2000 Oct.	20.86354	01 37 47.75	+10 35 05.0	0.0	0.1
293	2100	2000 Sep.	3.90245	22 56 32.58	+08 54 05.9	0.3	0.2
294	2100	2000 Sep.	3.91385	22 56 29.02	+08 53 03.1	0.1	0.2
295	2100	2000 Sep.	3.92495	22 56 25.63	+08 52 01.3	0.0	0.1
296	2100	2000 Sep.	23.85190	21 34 47.32	−18 38 05.5	0.2	0.1
297	2100	2000 Sep.	23.86209	21 34 45.52	−18 38 41.0	0.1	0.1
298	2100	2000 Sep.	24.91771	21 31 51.11	−19 39 10.9	0.1	0.2
299	2100	2000 Sep.	24.93269	21 31 48.59	−19 39 59.3	0.3	0.1
300	(2000 QW7)	2000 Sep.	3.87247	00 47 42.69	−04 07 54.2	0.2	0.2
301	(2000 QW7)	2000 Sep.	3.87911	00 47 52.33	−04 07 53.1	0.2	0.0
302	(2000 QW7)	2000 Sep.	3.88958	00 48 07.69	−04 07 48.6	0.1	0.2
303	(2000 QW7)	2000 Sep.	6.91703	01 54 54.49	−03 37 10.8	0.3	0.3
304	(2000 QW7)	2000 Sep.	6.92156	01 54 59.49	−03 37 07.2	0.3	0.2
305	(2000 QW7)	2000 Sep.	6.92747	01 55 05.86	−03 37 03.6	0.2	0.1
306	(2000 QW7)	2000 Sep.	8.91786	02 28 32.00	−03 14 43.0	0.1	0.0
307	(2000 QW7)	2000 Sep.	8.92738	02 28 40.00	−03 14 37.2	0.3	0.2

3. Reference stars

The individual columns of the table contain the following:
N − serial number of the observation in agreement with the Section 2,
Numbers of reference stars in the USNO-A2.0 Star Catalog,
$\Delta\alpha$ − the O−C difference in R.A. in arc seconds,
$\Delta\delta$ − the O−C difference in Decl. in arc seconds.

The position of each reference star in the field of other reference stars is determined within the used method of plate constants. $\Delta\alpha$ and $\Delta\delta$ are the differences between observed (O) and calculated (C) coordinates. Except of a common measurement error, these differences are caused by an inaccuracy of

position of a given star in the catalog and by the time shift between the catalog and considered epochs.

N	Number of star	$\Delta\alpha$	$\Delta\delta$	Number of star	$\Delta\alpha$	$\Delta\delta$
1	A 1050.06661820	+0.5	+0.3	A 1050.06666375	−0.1	−0.1
	A 1050.06661315	−0.4	−0.3	A 1050.06666795	+0.1	+0.1
	A 1050.06661930	−0.1	−0.0			
2	A 1050.06661820	+0.5	+0.2	A 1050.06666375	−0.2	−0.0
	A 1050.06663083	−0.3	+0.2	A 1050.06661315	−0.4	−0.2
	A 1050.06666795	+0.2	−0.0	A 1050.06661930	+0.1	−0.1
3	A 1050.06665516	−0.0	−0.1	A 1050.06658949	−0.0	−0.1
	A 1050.06662827	+0.0	+0.2	A 1050.06659365	+0.0	+0.1
4	A 1050.06665516	−0.3	+0.1	A 1050.06658949	−0.1	+0.0
	A 1050.06662879	+0.4	−0.1	A 1050.06659365	−0.1	+0.0
5	A 1050.06662879	+0.1	−0.0	A 1050.06659365	−0.3	+0.2
	A 1050.06661382	−0.0	+0.0	A 1050.06657586	+0.1	−0.1
	A 1050.06659625	+0.1	−0.1			
6	A 1050.06662879	+0.4	+0.3	A 1050.06661382	+0.2	+0.2
	A 1050.06663083	−0.5	−0.4	A 1050.06657586	−0.1	−0.1
7	A 0975.06894840	+0.0	−0.0	A 1050.06657682	+0.1	−0.0
	A 0975.06890224	−0.0	+0.0	A 1050.06658409	−0.1	+0.0
8	A 0975.06894840	−0.0	−0.0	A 1050.06657682	−0.0	−0.0
	A 1050.06654169	+0.0	+0.0	A 0975.06890224	+0.0	+0.0
	A 1050.06658409	+0.0	+0.0			
9	A 0975.06887826	+0.2	−0.1	A 0975.06886219	+0.2	−0.1
	A 0975.06883386	−0.1	+0.0	A 0975.06882490	−0.0	+0.0
	A 0975.06888027	−0.3	+0.1			
10	A 0975.06882934	+0.1	+0.1	A 0975.06890233	+0.3	+0.4
	A 0975.06883386	−0.0	−0.0	A 0975.06887851	−0.2	−0.2
	A 0975.06890063	−0.2	−0.3			
11	A 0975.06881846	+0.4	−0.0	A 0975.06881421	−0.1	+0.0
	A 0975.06882490	−0.4	+0.0	A 0975.06887058	−0.0	−0.1
	A 0975.06887826	+0.0	+0.1	A 0975.06888027	+0.0	−0.1
12	A 0975.06881846	−0.2	−0.4	A 0975.06881421	−0.2	+0.1
	A 0975.06882843	+0.3	−0.1	A 0975.06882490	+0.3	+0.5
	A 0975.06886921	+0.7	+0.5	A 0975.06887826	−0.1	−0.2
	A 0975.06883386	−0.2	−0.0	A 0975.06887851	−0.5	−0.2
13	A 0975.06885593	−0.0	+0.0	A 0975.06886285	−0.2	+0.1
	A 0975.06887058	−0.1	+0.1	A 0975.06881846	+0.1	−0.0
	A 0975.06887826	+0.2	−0.2			
14	A 0975.06885593	−0.1	−0.1	A 0975.06882762	−0.1	−0.2
	A 0975.06886285	−0.1	−0.1	A 0975.06882517	+0.0	−0.0
	A 0975.06881846	+0.1	+0.2	A 0975.06887826	+0.1	+0.1
15	A 0975.06878919	+0.1	−0.4	A 0975.06883019	−0.0	+0.1
	A 0975.06881752	+0.0	−0.0	A 0975.06877710	−0.1	+0.3
	A 0975.06879780	−0.0	+0.1			

SUPPLEMENT

16	A 0975.06879464	−0.0	−0.1	A 0975.06877598	+0.1	−0.2
	A 0975.06882005	−0.3	−0.0	A 0975.06883472	−0.4	−0.1
	A 0975.06883593	+0.6	+0.1	A 0975.06877213	−0.1	+0.1
	A 0975.06879780	−0.2	−0.0	A 0975.06878919	+0.3	+0.2
17	A 0975.06878805	−0.1	−0.2	A 0975.06884767	+0.1	+0.1
	A 0975.06883750	−0.2	−0.3	A 0975.06880729	+0.2	+0.4
18	A 0975.06884767	+0.0	+0.0	A 0975.06883835	+0.4	+0.5
	A 0975.06880051	+0.1	+0.1	A 0975.06883260	−0.5	−0.6
19	A 0975.06887773	+0.0	+0.0	A 0975.06883490	+0.2	+0.0
	A 0975.06882702	−0.2	−0.0	A 0975.06887746	−0.0	−0.0
20	A 0975.06886270	+0.0	−0.0	A 0975.06882491	−0.2	−0.1
	A 0975.06881934	+0.3	+0.2	A 0975.06882702	−0.1	−0.1
	A 0975.06883490	−0.0	−0.2	A 0975.06885599	−0.0	+0.6
	A 0975.06887746	+0.0	−0.3			
21	A 0975.06883378	+0.0	−0.1	A 0975.06887628	+0.1	−0.3
	A 0975.06887053	−0.1	+0.2	A 0975.06887099	−0.0	+0.2
22	A 0975.06883378	+0.0	+0.0	A 0975.06887348	+0.1	−0.1
	A 0975.06887628	−0.4	−0.5	A 0975.06882421	−0.0	−0.1
	A 0975.06886731	−0.3	−0.2	A 0975.06887099	+0.6	+0.8
23	A 0975.06888564	−0.2	−0.1	A 0975.06886134	+0.3	+0.2
	A 0975.06884615	−0.3	−0.2	A 0975.06886270	+0.2	+0.1
24	A 0975.06888564	−0.3	+0.0	A 0975.06886134	+0.6	−0.0
	A 0975.06883378	−0.3	+0.0	A 0975.06886270	−0.0	+0.0
25	A 0975.05927693	+0.1	+0.1	A 0975.05933261	−0.2	−0.2
	A 0975.05938536	+0.0	+0.0	A 0975.05927577	+0.1	+0.1
	A 0975.05935745	+0.2	+0.2	A 0975.05930330	−0.2	−0.3
26	A 0975.05927693	+0.0	−0.0	A 0975.05933261	+0.1	−0.0
	A 0975.05937109	+0.1	−0.0	A 0975.05927577	−0.0	+0.0
	A 0975.05935745	−0.2	+0.1			
27	A 0975.06068005	+0.2	−0.2	A 0975.06072755	+0.1	−0.3
	A 0975.06073782	−0.1	−0.0	A 0975.06067923	−0.2	+0.2
	A 0975.06071809	−0.2	+0.2	A 0975.06072836	+0.1	+0.1
28	A 0975.06068005	−0.1	+0.2	A 0975.06072755	−0.3	−0.2
	A 0975.06073782	−0.1	−0.3	A 0975.06067923	+0.0	−0.2
	A 0975.06071809	+0.1	−0.1	A 0975.06072836	+0.3	+0.6
29	A 0975.06088026	−0.1	+0.1	A 0975.06084397	+0.1	−0.0
	A 0975.06078822	−0.2	+0.1	A 0975.06082206	+0.4	−0.1
	A 0975.06083202	−0.1	+0.1			
30	A 0975.06088026	+0.1	+0.0	A 0975.06084397	+0.2	−0.2
	A 0975.06078822	−0.3	+0.5	A 0975.06079905	+0.5	−0.7
	A 0975.06083202	−0.2	+0.3	A 0975.06086700	−0.1	+0.1
31	A 1050.01673937	−0.1	+0.0	A 1050.01678452	+0.0	+0.0
	A 1050.01686595	−0.1	−0.2	A 1050.01703142	−0.0	+0.1
	A 1050.01702126	+0.2	+0.0	A 1050.01691731	−0.4	−0.1
	A 1050.01675625	+0.1	+0.4	A 1050.01674122	+0.1	−0.2
32	A 1050.01678452	+0.2	+0.3	A 1050.01686595	−0.3	−0.4
	A 1050.01703142	+0.2	+0.3	A 1050.01702126	−0.1	−0.2

33	A 1050.05251880	+0.1	+0.1	A 1050.05243132	+0.5	−0.1
	A 1050.05249143	−0.3	−0.4	A 1050.05245302	−0.4	−0.0
	A 1050.05256689	+0.1	+0.1	A 1050.05243248	−0.1	+0.3
34	A 1050.05251880	+0.0	+0.1	A 1050.05255279	+0.0	+0.0
	A 1050.05253307	−0.1	−0.1	A 1050.05243248	−0.0	−0.0
35	A 0750.10391371	−0.2	+0.1	A 0750.10377710	+0.4	−0.1
	A 0750.10367212	−0.3	+0.1	A 0750.10372737	+0.1	−0.3
	A 0750.10378612	−0.0	+0.1	A 0750.10388387	−0.0	+0.5
	A 0750.10396320	+0.0	−0.4			
36	A 0750.10391371	+0.2	−0.0	A 0750.10377710	−0.5	+0.1
	A 0750.10367212	+0.3	−0.1	A 0750.10372737	+0.2	−0.2
	A 0750.10378612	−0.2	+0.0	A 0750.10388387	−0.1	+0.4
	A 0750.10396320	+0.1	−0.3			
37	A 0750.10353251	+0.2	+0.0	A 0750.10346108	−0.4	−0.0
	A 0750.10329626	+0.1	+0.0	A 0750.10354621	+0.0	+0.0
	A 0750.10365197	−0.0	−0.0			
38	A 0750.10353251	+0.1	−0.2	A 0750.10329626	+0.0	−0.0
	A 0750.10334760	−0.3	+0.4	A 0750.10345259	+0.4	−0.6
	A 0750.10354621	+0.1	+0.1	A 0750.10365197	+0.0	−0.1
	A 0750.10357410	−0.4	+0.5			
39	A 0750.10166260	−0.1	+0.1	A 0750.10156149	+0.1	−0.0
	A 0750.10155649	−0.0	−0.2	A 0750.10158879	−0.1	+0.4
	A 0750.10177247	+0.3	−0.5	A 0750.10185000	−0.2	+0.3
	A 0750.10186269	+0.0	−0.0			
40	A 0750.10166260	+0.0	+0.0	A 0750.10156149	+0.1	−0.1
	A 0750.10155649	−0.3	+0.2	A 0750.10158879	+0.4	−0.1
	A 0750.10177247	−0.1	−0.1	A 0750.10185000	+0.1	+0.1
41	A 0750.10164469	−0.0	+0.0	A 0750.10162135	−0.1	−0.3
	A 0750.10166285	+0.1	+0.1	A 0750.10148621	−0.2	+0.6
	A 0750.10145625	+0.2	−0.5	A 0750.10157235	+0.0	+0.0
42	A 0750.10164469	+0.2	−0.1	A 0750.10162135	−0.2	+0.2
	A 0750.10166285	+0.0	−0.2	A 0750.10148621	−0.2	+0.3
	A 0750.10145625	+0.7	−0.2	A 0750.10157235	−0.3	+0.1
	A 0750.10147995	+0.2	−0.0	A 0750.10136885	−0.3	−0.1
43	A 0750.10164469	−0.1	+0.0	A 0750.10162135	−0.1	−0.2
	A 0750.10166285	+0.3	+0.0	A 0750.10148621	−0.5	+0.1
	A 0750.10157235	−0.1	+0.3	A 0750.10151701	+0.3	−0.6
	A 0750.10147995	−0.3	+0.4	A 0750.10136885	+0.3	−0.1
44	A 0750.10152582	−0.3	−0.1	A 0750.10164469	+0.1	+0.1
	A 0750.10145625	+0.3	−0.1	A 0750.10147995	+0.4	−0.1
	A 0750.10162135	−0.1	+0.3	A 0750.10145345	−0.5	+0.2
	A 0750.10136885	−0.0	+0.3	A 0750.10149937	+0.1	−0.5
45	A 0750.10164469	+0.4	+0.3	A 0750.10168531	−0.0	−0.0
	A 0750.10145345	+0.1	+0.1	A 0750.10159835	−0.5	−0.3
	A 0750.10142935	+0.0	+0.0			
46	A 0750.10157983	+0.1	+0.4	A 0750.10150053	−0.1	−0.2
	A 0750.10142935	+0.0	+0.1	A 0750.10147144	−0.1	−0.2
	A 0750.10175261	−0.0	−0.1			

SUPPLEMENT

47	A 0900.06826066	−0.4	+0.2	A 0900.06826664	+0.4	−0.1
	A 0900.06822042	−0.0	+0.0	A 0900.06821186	+0.1	−0.0
48	A 0900.06826066	−0.0	+0.0	A 0900.06826664	+0.0	+0.1
	A 0900.06821186	+0.1	+0.2	A 0900.06825609	+0.1	−0.4
	A 0900.06823369	−0.2	+0.9	A 0900.06820204	+0.2	−0.1
	A 0900.06826704	+0.1	−0.0	A 0900.06822081	−0.3	−0.7
48	A 0900.06825609	+0.2	+0.2	A 0900.06822042	−0.0	−0.0
	A 0900.06823537	−0.0	−0.0	A 0900.06825651	−0.0	−0.0
	A 0900.06826704	−0.2	−0.1			
50	A 0900.06825609	−0.1	−0.1	A 0900.06823537	+0.1	+0.0
	A 0900.06825651	−0.1	−0.0	A 0900.06826704	+0.1	+0.1
51	A 0900.06826898	+0.1	−0.3	A 0900.06825703	+0.1	−0.2
	A 0900.06823797	−0.0	+0.2	A 0900.06827415	−0.1	+0.4
52	A 0900.06826898	+0.2	−0.3	A 0900.06825703	+0.1	−0.2
	A 0900.06823797	−0.1	+0.1	A 0900.06827415	−0.2	+0.4
53	A 0900.06830545	+0.4	+0.2	A 0900.06826434	+0.2	+0.1
	A 0900.06826877	+0.2	+0.1	A 0900.06830348	−0.2	−0.1
	A 0900.06829425	−0.4	−0.2	A 0900.06825703	−0.2	−0.1
54	A 0900.06830545	+0.6	+0.1	A 0900.06826434	+0.2	+0.0
	A 0900.06826877	−0.0	−0.0	A 0900.06830348	−0.2	−0.0
	A 0900.06829425	−0.6	−0.1	A 0900.06825703	+0.0	+0.0
55	A 0975.06658685	+0.2	+0.0	A 0975.06657408	−0.4	−0.1
	A 0975.06656643	+0.2	+0.0	A 0975.06660917	−0.0	−0.0
56	A 0975.06652736	−0.0	−0.0	A 0975.06656455	+0.1	+0.1
	A 0975.06655833	−0.1	−0.1	A 0975.06659992	+0.4	+0.3
	A 0975.06660601	−0.4	−0.3			
57	A 0975.06652736	−0.0	−0.0	A 0975.06656887	+0.1	+0.1
	A 0975.06655833	−0.1	−0.1	A 0975.06659992	+0.4	+0.5
	A 0975.06660601	−0.4	−0.5			
58	A 0750.11233531	−0.4	+0.3	A 0825.10600988	+0.4	−0.0
	A 0825.10589412	−0.3	−0.1	A 0825.10580809	+0.2	+0.1
	A 0750.11189438	−0.2	−0.4	A 0750.11179633	+0.2	+0.3
	A 0750.11212433	+0.0	+0.1	A 0750.11238833	+0.2	−0.2
59	A 0825.10524828	−0.1	−0.0	A 0825.10547933	−0.3	−0.1
	A 0825.10541995	+0.4	+0.1	A 0825.10545714	+0.0	+0.0
60	A 0825.10524828	+0.0	+0.1	A 0825.10547933	+0.1	+0.3
	A 0825.10541995	−0.1	−0.4	A 0825.10545714	+0.0	+0.0
	A 0825.10541302	−0.0	−0.0			
61	A 0825.10483657	+0.0	+0.2	A 0825.10488855	+0.0	−0.1
	A 0825.10502331	+0.1	−0.1	A 0825.10505420	−0.0	+0.1
	A 0825.10507606	−0.0	+0.0	A 0825.10486142	−0.1	−0.1
62	A 0825.10450558	+0.0	−0.1	A 0825.10436832	−0.1	+0.3
	A 0825.10433527	+0.2	−0.5	A 0825.10461639	+0.0	−0.0
	A 0825.10453894	−0.0	+0.0	A 0825.10436150	−0.1	+0.3
63	A 0825.10461639	+0.1	+0.1	A 0825.10466389	−0.0	−0.0
	A 0825.10449769	+0.1	+0.1	A 0825.10454715	−0.0	−0.1
	A 0825.10455111	−0.1	−0.1			

64	A 0825.10461639	+0.2	+0.1	A 0825.10459555	−0.2	+0.4
	A 0825.10457037	+0.6	−0.2	A 0825.10466389	−0.2	−0.1
	A 0825.10441220	+0.3	+0.2	A 0825.10449769	−0.2	−0.0
	A 0825.10455111	−0.1	−0.2	A 0825.10447812	−0.4	−0.1
65	A 0825.10421762	+0.3	−0.3	A 0825.10419573	−0.4	+0.5
	A 0825.10412117	+0.1	−0.1	A 0825.10450965	+0.0	−0.0
	A 0825.10460349	−0.0	+0.0			
66	A 0825.10136616	+0.5	−0.2	A 0825.10124142	−0.0	+0.1
	A 0825.10136541	−0.2	−0.1	A 0825.10152376	+0.1	+0.1
	A 0825.10125836	+0.2	−0.0	A 0825.10134418	−0.5	+0.1
67	A 0825.10109490	−0.2	+0.0	A 0825.10132101	+0.4	+0.1
	A 0825.10136616	−0.5	−0.1	A 0825.10126572	+0.3	−0.1
	A 0825.10113850	−0.0	+0.3	A 0825.10106222	+0.1	−0.2
68	A 0825.10083500	+0.0	−0.0	A 0825.10080757	+0.2	−0.1
	A 0825.10107551	+0.1	−0.0	A 0825.10095778	−0.4	+0.1
	A 0825.10109490	+0.1	−0.0			
69	A 0825.10083500	+0.1	−0.1	A 0825.10070199	−0.1	+0.1
	A 0825.10080757	+0.2	−0.2	A 0825.10107551	+0.1	−0.1
	A 0825.10095778	−0.2	+0.3			
70	A 0825.10057778	+0.6	+0.4	A 0825.10066595	−0.2	−0.5
	A 0825.10073415	−0.1	+0.3	A 0825.10059544	+0.0	−0.2
	A 0825.10042961	−0.0	+0.1	A 0825.10043832	−0.2	−0.1
71	A 0825.10057778	+0.3	+0.9	A 0825.10066595	−0.1	−0.4
	A 0825.10073415	−0.1	−0.2	A 0825.10042961	−0.1	−0.1
	A 0825.10043832	−0.4	−0.1	A 0825.10048351	+0.4	+0.1
	A 0825.10040704	+0.0	−0.2			
72	A 0825.09960600	−0.0	+0.0	A 0825.09955756	−0.4	+0.1
	A 0825.09954366	+0.7	−0.1	A 0825.09954436	−0.4	−0.2
	A 0825.09971108	+0.2	+0.6	A 0825.09983645	−0.1	−0.4
	A 0825.09988436	+0.4	+0.0	A 0825.09983932	−0.4	+0.0
73	A 0825.09960600	+0.0	+0.2	A 0825.09955756	−0.5	−0.2
	A 0825.09954366	+0.5	+0.1	A 0825.09954436	−0.2	−0.2
	A 0825.09971108	+0.1	+0.5	A 0825.09983645	−0.1	−0.3
	A 0825.09988436	−0.5	+0.1	A 0825.09983932	+0.6	−0.1
74	A 0825.09778667	−0.1	−0.1	A 0825.09779717	+0.5	+0.7
	A 0825.09778563	+0.0	−0.7	A 0825.09786257	−0.7	+0.2
	A 0825.09802788	+0.0	−0.0	A 0825.09799082	+0.2	−0.1
75	A 0825.09778667	−0.1	−0.1	A 0825.09779717	+0.3	+0.4
	A 0825.09778563	+0.2	−0.1	A 0825.09786257	−0.7	−0.4
	A 0825.09802788	+0.0	+0.0	A 0825.09799082	+0.2	+0.1
76	A 0825.09762590	+0.2	−0.4	A 0825.09780480	−0.1	+0.2
	A 0825.09762444	−0.2	+0.4	A 0825.09779240	+0.2	−0.3
	A 0825.09772511	−0.1	+0.1			
77	A 0825.09751375	+0.1	+0.2	A 0825.09771794	−0.1	−0.2
	A 0825.09779240	+0.0	+0.0	A 0825.09755161	−0.3	−0.5
	A 0825.09762590	+0.3	+0.5			

SUPPLEMENT

78	A 0825.09680072	+0.3	+0.4	A 0825.09682648	−0.2	−0.1
	A 0825.09687814	+0.0	−0.2	A 0825.09672139	+0.0	−0.3
	A 0825.09680676	−0.2	+0.2	A 0825.09700999	+0.0	−0.0
79	A 0825.09680676	+0.1	−0.0	A 0825.09674837	+0.1	+0.2
	A 0825.09691926	−0.4	−0.0	A 0825.09682648	+0.0	−0.3
	A 0825.09696249	+0.2	+0.1	A 0825.09668824	−0.1	+0.0
80	A 0825.09640404	−0.2	+0.1	A 0825.09636844	+0.2	−0.1
	A 0825.09618371	−0.3	+0.5	A 0825.09612543	+0.4	−0.7
	A 0825.09610817	−0.2	+0.2	A 0825.09621398	−0.0	+0.1
	A 0825.09631698	+0.2	−0.1			
81	A 0825.09636635	−0.3	−0.6	A 0825.09640404	+0.3	+0.6
	A 0825.09636844	−0.0	−0.1	A 0825.09618371	−0.2	+0.2
	A 0825.09612543	+0.2	−0.2	A 0825.09610817	−0.1	+0.2
82	A 0825.09631018	+0.4	+0.0	A 0825.09620805	−0.6	−0.1
	A 0825.09601540	+0.3	+0.0	A 0825.09607261	−0.2	−0.0
	A 0825.09616784	+0.4	+0.0	A 0825.09621398	−0.2	+0.1
	A 0825.09631698	−0.0	−0.0			
83	A 0825.09631018	−0.1	−0.0	A 0825.09601540	−0.0	−0.0
	A 0825.09607261	−0.2	−0.1	A 0825.09621398	+0.5	+0.3
	A 0825.09631698	−0.3	−0.1			
84	A 0825.09573125	+0.2	+0.0	A 0825.09557960	+0.3	−0.0
	A 0825.09556845	+0.3	−0.0	A 0825.09552521	−0.5	+0.1
	A 0825.09552730	−0.0	−0.2	A 0825.09553759	+0.1	+0.2
	A 0825.09574811	−0.4	−0.0			
85	A 1125.03581409	−0.0	−0.1	A 1125.03580552	−0.0	+0.0
	A 1125.03528020	−0.1	+0.1	A 1125.03524053	−0.1	+0.1
	A 1125.03553176	−0.2	+0.1	A 1125.03575377	+0.1	+0.0
	A 1125.03527471	+0.3	−0.3			
86	A 1125.03569721	−0.0	−0.3	A 1125.03580552	−0.0	−0.2
	A 1125.03528020	−0.0	−0.0	A 1125.03524053	+0.1	−0.1
	A 1125.03553176	−0.3	+0.4	A 1125.03575377	+0.2	+0.2
87	A 1050.01565228	−0.3	+0.0	A 1050.01578568	+0.2	−0.1
	A 1050.01577209	−0.0	−0.4	A 1050.01571462	−0.3	−0.1
	A 1050.01581149	+0.1	+0.6	A 1050.01565934	+0.5	−0.0
	A 1050.01566797	+0.2	−0.6	A 1050.01561412	−0.2	+0.6
	A 1050.01576760	−0.3	−0.1			
88	A 1050.01440601	+0.1	+0.4	A 1050.01445900	−0.1	−0.1
	A 1050.01449434	+0.3	−0.1	A 1050.01449454	−0.1	−0.3
	A 1050.01449244	−0.6	+0.1	A 1050.01442880	+0.8	+0.2
	A 1050.01433288	−0.2	−0.2	A 1050.01433673	−0.3	−0.1
	A 1050.01430873	+0.2	+0.6	A 1050.01428997	−0.1	−0.5
89	A 1050.01440601	+0.2	+0.6	A 1050.01445900	+0.6	−0.0
	A 1050.01449434	−0.3	+0.2	A 1050.01449454	−0.4	−0.7
	A 1050.01449244	−0.0	+0.0	A 1050.01442880	+0.4	+0.4
	A 1050.01433288	+0.1	+0.2	A 1050.01433673	−0.3	−0.7
	A 1050.01430873	−0.3	+0.2	A 1050.01428997	+0.1	−0.2

90	A 1050.02440453	−0.1	+0.1	A 1050.02471738	+0.0	−0.0
	A 1050.02429350	−0.0	+0.0	A 1050.02416779	+0.0	−0.1
	A 1050.02434434	+0.0	−0.0			
91	A 1050.02440453	+0.0	−0.1	A 1050.02471738	−0.1	−0.1
	A 1050.02429350	+0.0	+0.1	A 1050.02416779	−0.0	+0.0
	A 1050.02460175	+0.1	+0.2	A 1050.02434434	−0.1	−0.1
92	A 0975.00303094	+0.0	+0.0	A 0975.00304488	−0.2	−0.3
	A 0975.00301227	+0.1	+0.1	A 0975.00303742	−0.3	−0.5
	A 0975.00304856	+0.3	+0.4	A 0975.00303568	+0.2	+0.2
93	A 0975.00304488	−0.3	−0.4	A 0975.00301227	−0.5	−0.3
	A 0975.00304856	−0.2	+0.5	A 0975.00304913	+0.1	−0.3
	A 0975.00303568	+0.1	+0.0	A 0975.00302149	+0.6	+0.4
	A 0975.00304334	+0.3	+0.1			
94	A 0975.00256245	+0.4	+0.2	A 0975.00260379	−0.6	+0.7
	A 0975.00260813	+0.4	−0.0	A 0975.00254456	+0.0	+0.0
	A 0975.00253127	−0.3	+0.0	A 0975.00259116	+0.2	−0.8
	A 0975.00260326	−0.1	−0.1			
95	A 0975.00256245	+0.0	−0.0	A 0975.00254456	−0.3	−0.3
	A 0975.00252243	+0.1	+0.2	A 0975.00253127	−0.2	−0.3
	A 0975.00260326	+0.3	+0.2	A 0975.00254378	−0.0	−0.2
	A 0975.00253836	+0.1	+0.1	A 0975.00254113	+0.3	+0.5
	A 0975.00259298	−0.4	−0.2			
96	A 0975.00259792	−0.1	+0.0	A 0975.00259116	−0.1	+0.1
	A 0975.00258937	−0.1	−0.1	A 0975.00257667	+0.2	−0.1
	A 0975.00254113	−0.1	+0.0	A 0975.00257756	+0.1	−0.0
97	A 0975.00256245	+0.1	+0.0	A 0975.00259116	−0.4	−0.1
	A 0975.00258937	+0.5	+0.1	A 0975.00257667	−0.2	−0.0
	A 0975.00254113	−0.0	−0.0			
98	A 0975.00253782	+0.3	+0.3	A 0975.00249728	+0.1	+0.2
	A 0975.00249371	−0.4	−0.3	A 0975.00249118	+0.0	+0.1
	A 0975.00249104	+0.5	−0.4	A 0975.00250315	−0.3	+0.3
	A 0975.00256557	−0.5	−0.5	A 0975.00256245	+0.5	+0.1
	A 0975.00254113	−0.3	−0.2	A 0975.00255150	+0.1	+0.3
99	A 0975.00249728	+0.2	+0.5	A 0975.00249371	−0.4	−0.5
	A 0975.00249118	+0.6	+0.1	A 0975.00250315	−0.4	+0.0
	A 0975.00256557	+0.0	−0.3	A 0975.00256245	+0.1	+0.6
	A 0975.00254113	−0.5	−0.1	A 0975.00255150	+0.1	−0.1
	A 0975.00254456	+0.3	−0.2			
100	A 0975.00249371	+0.2	−0.3	A 0975.00249728	+0.2	+0.3
	A 0975.00245315	−0.1	+0.0	A 0975.00246729	+0.2	−0.1
	A 0975.00246156	−0.6	+0.6	A 0975.00244056	+0.4	−0.2
	A 0975.00248178	−0.3	−0.2			
101	A 0975.00249371	−0.2	−0.1	A 0975.00249728	+0.5	+0.4
	A 0975.00250747	+0.0	+0.0	A 0975.00246156	+0.0	+0.0
	A 0975.00244056	+0.2	+0.1	A 0975.00248178	−0.6	−0.5
102	A 0975.00249371	+0.0	+0.0	A 0975.00249118	+0.0	+0.0
	A 0975.00241967	+0.0	+0.1	A 0975.00244561	−0.0	−0.0
	A 0975.00244056	−0.0	−0.1			

SUPPLEMENT

103	A 0975.00249371	+0.1	−0.0	A 0975.00249118	+0.1	−0.0
	A 0975.00241967	+0.3	−0.1	A 0975.00244056	−0.4	+0.1
104	A 0975.00226620	+0.4	+0.2	A 0975.00227047	−0.4	+0.4
	A 0975.00232476	−0.0	+0.1	A 0975.00231458	+0.3	−0.6
	A 0975.00234075	−0.0	+0.1	A 0975.00231551	−0.1	+0.3
	A 0975.00226378	−0.1	−0.5			
105	A 0975.00226620	+0.1	−0.2	A 0975.00227047	−0.1	+0.1
	A 0975.00232476	+0.0	−0.0	A 0975.00234075	+0.0	−0.0
	A 0975.00226378	−0.1	+0.1			
106	A 0900.00202883	−0.2	+0.1	A 0900.00204031	−0.0	+0.2
	A 0900.00205754	−0.0	−0.1	A 0900.00201442	+0.0	−0.1
	A 0900.00199571	−0.6	+0.3	A 0900.00200731	+0.8	−0.4
	A 0900.00205388	−0.0	+0.0			
107	A 0900.00202883	−0.5	−0.2	A 0900.00204031	−0.2	−0.2
	A 0900.00205754	−0.0	+0.1	A 0900.00201442	−0.1	−0.0
	A 0900.00199571	+0.0	+0.2	A 0900.00200731	+0.3	−0.1
	A 0900.00205388	+0.4	+0.2			
108	SA 0900.0200060	−0.3	−0.1	SA 0900.0203239	−0.0	−0.0
	SA 0900.0202566	+0.1	+0.0	SA 0900.0198512	+0.2	+0.1
	SA 0900.0204402	+0.1	+0.0			
109	SA 0900.0200060	+0.0	−0.3	SA 0900.0200198	+0.2	+0.3
	SA 0900.0203239	−0.1	−0.2	SA 0900.0204402	+0.2	−0.3
	SA 0900.0202883	−0.2	+0.4	SA 0900.0199644	−0.4	+0.0
	SA 0900.0204452	−0.2	+0.2	SA 0900.0201329	+0.4	−0.1
110	SA 0900.0199571	−0.5	−0.1	SA 0900.0196713	−0.1	−0.0
	SA 0900.0197686	+0.1	+0.0	SA 0900.0200731	+0.1	−0.3
	SA 0900.0197899	+0.3	+0.1	SA 0900.0202478	+0.3	+0.1
	SA 0900.0202647	−0.2	+0.1			
111	A 0900.00183371	+0.1	+0.0	A 0900.00185152	−0.0	−0.0
	A 0900.00190318	−0.1	−0.0	A 0900.00190029	−0.0	+0.5
	A 0900.00188782	−0.4	+0.2	A 0900.00188161	+0.6	−0.8
	A 0900.00183901	+0.3	+0.3	A 0900.00183447	−0.4	−0.1
112	A 0900.00183371	+0.0	−0.0	A 0900.00190318	+0.0	−0.1
	A 0900.00190029	−0.1	+0.2	A 0900.00188782	+0.2	−0.4
	A 0900.00188161	−0.1	+0.3	A 0900.00183901	−0.1	−0.1
	A 0900.00183447	+0.0	+0.1			
113	A 0900.00184976	−0.1	+0.0	A 0900.00182240	+0.3	−0.1
	A 0900.00180318	−0.4	+0.1	A 0900.00180146	+0.3	−0.0
	A 0900.00181643	−0.1	+0.0			
114	A 0900.00183854	−0.0	+0.1	A 0900.00182240	+0.1	−0.2
	A 0900.00180318	−0.1	+0.2	A 0900.00180146	+0.1	−0.1
	A 0900.00181643	−0.0	+0.0			
115	A 0900.00171768	−0.5	−0.2	A 0900.00177021	+0.1	−0.0
	A 0900.00176155	−0.2	+0.0	A 0900.00170321	−0.1	+0.7
	A 0900.00169393	+0.4	+0.2	A 0900.00169639	−0.0	−0.6
	A 0900.00171152	−0.3	−0.5	A 0900.00175225	+0.3	+0.1
	A 0900.00171386	+0.3	+0.4			

116	A 0900.00171768	−0.0	−0.0	A 0900.00176155	+0.0	+0.0
	A 0900.00170321	+0.4	+0.4	A 0900.00169639	−0.1	−0.1
	A 0900.00171152	−0.3	−0.3			
117	A 0900.00167032	−0.0	+0.3	A 0900.00163993	+0.2	−0.1
	A 0900.00170600	−0.5	+0.0	A 0900.00168443	−0.1	−0.3
	A 0900.00164483	+0.2	+0.4	A 0900.00164781	−0.4	−0.4
	A 0900.00169639	+0.5	+0.3	A 0900.00170873	+0.2	−0.1
118	A 0900.00167032	+0.0	−0.2	A 0900.00163993	+0.2	+0.1
	A 0900.00170600	+0.3	−0.4	A 0900.00168443	−0.2	−0.5
	A 0900.00164483	+0.5	−0.0	A 0900.00164781	−0.7	+0.1
	A 0900.00169639	−0.1	+0.7	A 0900.00170873	−0.1	+0.2
119	A 0975.06446127	+0.0	−0.1	A 0975.06445993	−0.1	+0.5
	A 0975.06445592	+0.0	−0.4	A 0975.06449165	−0.0	+0.0
	A 0975.06450136	+0.0	−0.1			
120	A 0975.06445993	+0.2	+0.2	A 0975.06445592	−0.2	−0.2
	A 0975.06444823	+0.0	+0.0	A 0975.06448308	−0.0	−0.0
121	A 0975.06446127	+0.1	+0.1	A 0975.06445993	−0.1	−0.2
	A 0975.06445592	+0.1	+0.1	A 0975.06444823	−0.0	−0.0
122	A 0975.06347028	−0.0	−0.1	A 0975.06345818	+0.2	−0.2
	A 0975.06345214	−0.1	+0.1	A 0975.06348159	−0.1	+0.3
	A 0975.06346895	+0.1	−0.3	A 0975.06345297	−0.1	+0.2
123	A 0975.06347044	+0.0	−0.0	A 0975.06342950	+0.0	−0.0
	A 0975.06348159	+0.2	−0.2	A 0975.06346437	−0.5	+0.5
	A 0975.06345297	+0.2	−0.2			
124	A 0900.00839300	+0.5	+0.1	A 0900.00839710	−0.1	−0.5
	A 0900.00836987	+0.1	+0.1	A 0900.00836974	−0.2	+0.0
	A 0900.00841161	−0.2	−0.1	A 0900.00837515	−0.1	−0.0
	A 0900.00841122	+0.0	+0.4			
125	A 0900.00841947	−0.0	−0.1	A 0900.00843265	+0.1	+0.2
	A 0900.00847314	+0.4	+0.5	A 0900.00846312	−0.6	−0.7
	A 0900.00846626	+0.0	−0.0	A 0900.00844924	+0.1	+0.2
126	A 0900.00841947	+0.4	−0.3	A 0900.00843265	−0.4	+0.2
	A 0900.00844171	+0.3	−0.2	A 0900.00845613	−0.2	+0.5
	A 0900.00844924	+0.2	−0.4	A 0900.00843236	−0.4	+0.4
	A 0900.00848246	+0.0	−0.2			
127	A 0900.00841947	+0.2	−0.1	A 0900.00843265	−0.3	−0.2
	A 0900.00844171	+0.1	+0.3	A 0900.00846862	+0.4	+0.3
	A 0900.00848246	−0.3	−0.3	A 0900.00843236	−0.2	+0.1
	A 0900.00846097	−0.0	+0.0	A 0900.00845278	+0.1	−0.2
128	A 0900.00847314	−0.2	−0.4	A 0900.00846862	+0.2	+0.5
	A 0900.00846626	+0.1	+0.3	A 0900.00845278	+0.0	−0.3
	A 0900.00849500	+0.7	−0.1	A 0900.00849096	−0.7	+0.1
129	A 0900.00847314	−0.4	−0.4	A 0900.00846862	+0.2	+0.3
	A 0900.00849421	−0.2	−0.2	A 0900.00846626	−0.2	+0.1
	A 0900.00844924	+0.2	−0.0	A 0900.00850187	+0.3	+0.2
130	A 0900.00849923	−0.3	−0.1	A 0900.00850187	+0.6	+0.2
	A 0900.00851881	−0.3	−0.1	A 0900.00846292	−0.1	−0.0

SUPPLEMENT

131	A 0900.00873905	+0.0	−0.1	A 0900.00869779	−0.2	+0.3
	A 0900.00868767	+0.0	−0.3	A 0900.00872863	+0.0	+0.2
	A 0900.00871310	−0.0	−0.1	A 0900.00868852	+0.3	+0.4
	A 0900.00869174	−0.2	−0.3			
132	A 0900.00873905	−0.2	+0.3	A 0900.00869779	−0.7	+0.8
	A 0900.00871937	−0.2	+0.1	A 0900.00874526	+0.4	−0.4
	A 0900.00868767	+0.4	−0.2	A 0900.00872078	+0.2	−0.1
	A 0900.00868664	+0.2	−0.4	A 0900.00873886	−0.0	−0.0
133	A 0975.00876376	−0.0	+0.2	A 0975.00878001	−0.0	+0.2
	A 0975.00872662	−0.0	+0.2	A 0975.00874703	+0.1	−0.4
	A 0975.00873901	−0.0	+0.2	A 0975.00876124	+0.1	−0.3
134	A 0975.00876376	−0.1	+0.4	A 0975.00879524	+0.1	−0.3
	A 0975.00872662	−0.1	+0.3	A 0975.00872349	+0.1	−0.4
	A 0975.00873901	+0.1	−0.3	A 0975.00876439	−0.4	+0.1
	A 0975.00876124	+0.2	+0.2			
135	A 1125.01005576	−0.4	+0.6	A 1125.01003043	−0.6	−0.3
	A 1125.01011153	+0.0	+0.0	A 1125.01008740	+0.3	−0.4
	A 1125.01001535	+0.0	+0.5	A 1125.01006169	+0.2	−0.2
	A 1125.01002232	+0.5	−0.3	A 1125.01011824	−0.2	+0.2
	A 1125.01006750	+0.1	−0.0			
136	A 1125.01003043	−0.1	+0.3	A 1125.01011153	+0.0	−0.5
	A 1125.01008740	−0.2	+0.1	A 1125.01001535	+0.2	−0.1
	A 1125.01006169	+0.2	+0.1	A 1125.01002232	−0.0	−0.2
	A 1125.01011824	+0.2	+0.3	A 1125.01006750	−0.4	−0.2
	A 1125.01007181	+0.2	+0.2			
137	SA 1125.1003147	−0.3	−0.0	SA 1125.1006755	+0.2	+0.0
	SA 1125.1006571	−0.6	+0.3	SA 1125.1007064	+0.5	−0.3
	SA 1125.1000312	−0.1	−0.0	SA 1125.0998252	+0.2	+0.0
138	A 1125.01001677	−0.1	−0.0	A 1125.00997015	+0.2	+0.3
	A 1125.01006571	+0.2	−0.1	A 1125.01007064	−0.2	−0.0
	A 1125.01006755	−0.4	+0.2	A 1125.01007181	+0.4	−0.2
	A 1125.00998252	−0.2	−0.4	A 1125.01002589	−0.0	+0.2
139	SA 1125.0992695	−0.2	+0.3	SA 1125.0994389	+0.3	−0.6
	SA 1125.1002232	+0.1	−0.1	SA 1125.1002589	−0.1	+0.1
	SA 1125.1001262	+0.4	+0.0	SA 1125.0996057	−0.6	−0.2
	SA 1125.0991866	+0.4	+0.1	SA 1125.0997185	−0.2	+0.3
140	SA 1125.1002232	−0.2	−0.4	SA 1125.1002589	+0.1	+0.2
	SA 1125.0996057	+0.0	−0.0	SA 1125.0991866	−0.0	+0.0
	SA 1125.0997185	−0.0	−0.0	SA 1125.1001677	+0.1	+0.3
141	A 1125.00973552	+0.5	−0.4	A 1125.00974813	−0.8	+0.6
	A 1125.00975110	+0.0	−0.2	A 1125.00973610	+0.5	−0.3
	A 1125.00969950	−0.3	+0.1	A 1125.00968413	+0.0	+0.3
	A 1125.00965401	+0.2	−0.3	A 1125.00964398	−0.2	+0.1
142	A 1125.00973552	+0.5	+0.0	A 1125.00974813	−0.6	−0.0
	A 1125.00973610	+0.2	+0.0	A 1125.00969950	+0.0	+0.0
	A 1125.00964398	−0.1	−0.0			
143	A 1125.00966893	+0.1	+0.0	A 1125.00961748	−0.5	−0.0
	A 1125.00960610	+0.2	+0.0	A 1125.00956231	+0.1	+0.0

144	A 1125.00964923	−0.0	−0.0	A 1125.00966893	+0.1	−0.1
	A 1125.00961748	−0.4	+0.4	A 1125.00960610	+0.2	−0.3
	A 1125.00958120	+0.3	+0.1	A 1125.00956231	−0.2	−0.1
145	A 1125.00937330	+0.0	−0.1	A 1125.00934165	−0.1	+0.3
	A 1125.00939143	−0.7	+0.3	A 1125.00940545	+0.2	−0.1
	A 1125.00931666	+0.1	−0.2	A 1125.00940461	+0.3	−0.3
	A 1125.00937307	+0.1	+0.1			
146	A 1125.00937330	+0.0	+0.3	A 1125.00930626	−0.1	−0.2
	A 1125.00934552	+0.3	+0.1	A 1125.00940923	−0.1	−0.3
	A 1125.00940461	+0.3	−0.1	A 1125.00937307	−0.5	+0.2
147	A 1125.00914807	+0.0	−0.1	A 1125.00919950	−0.3	+0.4
	A 1125.00922475	+0.3	−0.4	A 1125.00920959	−0.0	−0.0
	A 1125.00916509	−0.2	+0.4	A 1125.00913325	+0.2	−0.3
148	A 1125.00914807	−0.1	+0.0	A 1125.00922475	−0.3	−0.0
	A 1125.00920959	−0.0	−0.6	A 1125.00916509	+0.0	+0.2
	A 1125.00923922	+0.1	+0.4	A 1125.00918977	+0.2	−0.0
149	A 1125.00843782	+0.2	+0.4	A 1125.00844697	−0.0	−0.6
	A 1125.00846001	−0.2	+0.2	A 1125.00843705	+0.1	−0.0
	A 1125.00837496	+0.0	+0.1	A 1125.00835576	−0.1	−0.3
	A 1125.00835218	+0.0	+0.1			
150	A 1125.00843782	+0.3	+0.2	A 1125.00844697	+0.1	−0.3
	A 1125.00846001	−0.4	+0.1	A 1125.00843705	+0.2	−0.1
	A 1125.00837496	+0.0	+0.3	A 1125.00835389	+0.2	+0.2
	A 1125.00835576	−0.2	−0.6	A 1125.00835218	+0.1	+0.4
	A 1125.00836983	−0.2	−0.1			
151	A 1050.20795741	+0.2	+0.1	A 1050.20797695	−0.3	+0.0
	A 1050.20803085	−0.2	+0.0	A 1050.20797404	+0.6	−0.2
	A 1050.20793443	−0.1	+0.1	A 1050.20793808	−0.3	−0.1
152	A 1050.20795741	+0.0	+0.4	A 1050.20797695	−0.1	−0.2
	A 1050.20803085	−0.0	−0.1	A 1050.20797404	+0.1	+0.2
	A 1050.20793443	−0.0	+0.1	A 1050.20793808	−0.1	−0.5
153	A 1050.20795741	+0.1	+0.2	A 1050.20797695	−0.1	−0.0
	A 1050.20803085	−0.1	+0.0	A 1050.20797404	+0.3	−0.1
	A 1050.20793443	−0.1	+0.1	A 1050.20793808	−0.1	−0.2
154	A 1050.20798121	+0.2	+0.1	A 1050.20795523	+0.4	−0.2
	A 1050.20796861	−0.6	+0.2	A 1050.20796173	+0.0	−0.1
	A 1050.20799495	−0.3	+0.3	A 1050.20801173	+0.2	−0.2
155	A 1050.20795523	+0.4	+0.4	A 1050.20796861	−0.3	−0.3
	A 1050.20790878	−0.3	−0.3	A 1050.20794037	+0.3	+0.3
	A 1050.20799495	−0.1	−0.1			
156	A 1050.20794037	−0.0	−0.4	A 1050.20793058	−0.1	+0.6
	A 1050.20793237	+0.2	−0.2	A 1050.20794588	+0.2	−0.0
	A 1050.20796861	−0.7	−0.1	A 1050.20799266	+0.6	−0.0
	A 1050.20799862	+0.1	+0.4	A 1050.20799495	−0.3	−0.3

SUPPLEMENT

157	A 1050.20793237	+0.1	−0.1	A 1050.20793243	+0.3	+0.0
	A 1050.20786314	−0.1	+0.1	A 1050.20786239	−0.0	−0.2
	A 1050.20789842	+0.2	+0.3	A 1050.20793083	−0.2	−0.2
	A 1050.20795197	+0.6	+0.1	A 1050.20794588	−0.5	−0.0
	A 1050.20795741	−0.4	−0.0			
158	A 1050.20793237	+0.6	−0.2	A 1050.20786314	−0.2	−0.0
	A 1050.20786239	−0.3	−0.2	A 1050.20789842	−0.1	−0.1
	A 1050.20793083	−0.2	+0.3	A 1050.20794588	−0.2	−0.1
	A 1050.20795741	−0.1	+0.0	A 1050.20787971	+0.6	+0.3
	A 1050.20794938	−0.1	−0.1			
159	A 1050.20785003	−0.1	+0.2	A 1050.20791095	+0.0	−0.1
	A 1050.20789842	−0.1	+0.2	A 1050.20788647	+0.1	−0.2
	A 1050.20784098	+0.0	−0.1			
160	A 1050.20785003	−0.2	+0.3	A 1050.20791197	+0.0	−0.0
	A 1050.20783799	+0.1	−0.1	A 1050.20788647	+0.0	−0.0
	A 1050.20784791	+0.1	+0.3	A 1050.20784577	+0.0	−0.5
161	A 1050.20787971	+0.1	−0.0	A 1050.20784956	−0.1	+0.0
	A 1050.20786239	−0.1	+0.0	A 1050.20788647	+0.0	−0.0
	A 1050.20782176	+0.1	−0.0			
162	A 1050.20787971	+0.2	+0.4	A 1050.20782943	+0.0	+0.2
	A 1050.20786239	−0.3	−0.3	A 1050.20789842	−0.3	+0.1
	A 1050.20788647	+0.4	−0.2	A 1050.20786481	+0.0	−0.1
163	A 1050.20789310	−0.1	+0.1	A 1050.20787993	+0.1	−0.1
	A 1050.20781281	−0.0	+0.0	A 1050.20786239	+0.3	+0.3
	A 1050.20787373	−0.2	−0.3	A 1050.20779822	−0.1	−0.0
164	A 1050.20789310	−0.3	−0.4	A 1050.20787993	+0.2	+0.3
	A 1050.20781281	−0.1	−0.1	A 1050.20787373	+0.1	+0.1
165	A 1050.20767701	+0.0	−0.1	A 1050.20759443	+0.0	−0.1
	A 1050.20768088	+0.0	−0.0	A 1050.20763704	−0.0	+0.3
	A 1050.20761399	+0.0	−0.1			
166	A 1050.20764294	−0.3	+0.1	A 1050.20759357	−0.2	+0.3
	A 1050.20758016	+0.3	−0.1	A 1050.20767612	+0.2	−0.1
	A 1050.20768013	+0.0	−0.0	A 1050.20758767	+0.0	−0.2
167	A 1050.20762980	−0.4	−0.4	A 1050.20756572	−0.1	−0.1
	A 1050.20763101	+0.4	+0.5	A 1050.20755342	+0.1	+0.1
168	A 1050.20762980	+0.2	−0.2	A 1050.20756572	−0.0	+0.0
	A 1050.20763101	−0.1	+0.1	A 1050.20758236	−0.4	+0.4
	A 1050.20756397	+0.3	−0.3			
169	A 1050.20713166	+0.3	−0.1	A 1050.20710750	−0.0	+0.4
	A 1050.20709030	−0.0	−0.2	A 1050.20714050	−0.7	−0.1
	A 1050.20715748	+0.2	+0.1	A 1050.20712614	+0.2	−0.1
170	A 1050.20713166	−0.3	−0.1	A 1050.20710750	+0.5	+0.1
	A 1050.20709030	−0.2	−0.0	A 1050.20714050	+0.1	+0.3
	A 1050.20715748	+0.0	−0.1	A 1050.20712614	−0.2	−0.1
171	A 1050.20699468	−0.4	+0.8	A 1050.20697115	+0.0	−0.2
	A 1050.20705448	+0.0	−0.2	A 1050.20702305	+0.0	+0.1
	A 1050.20699720	+0.1	+0.0	A 1050.20700923	+0.0	+0.1
	A 1050.20698686	+0.1	−0.5	A 1050.20700334	+0.0	−0.1

172	A 1050.20699468	−0.9	−0.5	A 1050.20697115	−0.0	−0.0
	A 1050.20705448	−0.2	−0.1	A 1050.20702305	+0.2	+0.2
	A 1050.20699720	+0.6	+0.1	A 1050.20700923	+0.2	+0.2
	A 1050.20698366	+0.0	+0.2			
173	A 1050.20694810	−0.1	+0.2	A 1050.20685652	+0.3	−0.1
	A 1050.20688790	−0.3	+0.1	A 1050.20695138	−0.1	−0.5
	A 1050.20694188	+0.5	+0.4	A 1050.20687680	−0.1	+0.0
	A 1050.20694844	−0.1	+0.0			
174	A 1050.20694810	+0.1	+0.1	A 1050.20685652	+0.0	−0.5
	A 1050.20688790	−0.0	+0.5	A 1050.20695138	−0.1	−0.4
	A 1050.20687680	−0.0	+0.1	A 1050.20686227	−0.0	+0.1
	A 1050.20694844	+0.0	+0.1			
175	A 1050.20691582	+0.4	−0.7	A 1050.20690385	−0.3	+0.7
	A 1050.20685652	−0.2	−0.2	A 1050.20683130	+0.2	+0.0
	A 1050.20685945	−0.0	+0.0	A 1050.20694378	−0.0	+0.1
176	A 1050.20691582	+0.5	−0.5	A 1050.20690385	−0.4	+0.3
	A 1050.20685652	−0.2	+0.2	A 1050.20683130	+0.2	−0.3
	A 1050.20686861	+0.1	+0.5	A 1050.20685945	−0.0	−0.2
	A 1050.20692840	−0.1	−0.0			
177	A 1050.20687699	+0.0	+0.0	A 1050.20682498	−0.4	−0.1
	A 1050.20681480	+0.2	+0.3	A 1050.20682663	−0.3	−0.2
	A 1050.20691719	+0.0	+0.0	A 1050.20682370	+0.4	−0.1
178	A 1050.20687699	−0.0	−0.0	A 1050.20682498	+0.3	+0.3
	A 1050.20681480	+0.6	+0.4	A 1050.20682663	−0.4	−0.3
	A 1050.20691719	+0.1	+0.0	A 1050.20681781	−0.5	−0.4
179	A 1050.20652091	−0.0	−0.1	A 1050.20660578	−0.0	−0.1
	A 1050.20659667	+0.1	+0.4	A 1050.20655453	−0.1	−0.6
	A 1050.20650782	+0.0	+0.3			
180	A 1050.20652091	−0.0	−0.0	A 1050.20660578	−0.0	−0.0
	A 1050.20659667	+0.0	+0.1	A 1050.20655453	−0.0	−0.2
	A 1050.20650782	+0.0	+0.1			
181	A 1050.20635849	+0.2	+0.3	A 1050.20638740	+0.1	−0.1
	A 1050.20641157	−0.3	+0.1	A 0975.21253784	+0.3	−0.3
	A 0975.21251135	−0.5	+0.2	A 0975.21249206	+0.4	−0.0
	A 0975.21245264	−0.2	−0.1			
182	A 1050.20635849	−0.3	+0.4	A 1050.20638740	+0.1	+0.1
	A 1050.20641157	−0.1	−0.2	A 0975.21253784	+0.3	−0.2
	A 0975.21251135	−0.2	−0.0	A 0975.21249206	+0.0	+0.2
	A 0975.21245264	+0.2	−0.3			
183	A 0975.21252104	+0.2	+0.2	A 0975.21247914	−0.0	+0.0
	A 0975.21250735	−0.1	−0.2	A 0975.21252665	−0.1	−0.1
	A 0975.21245299	+0.4	+0.2	A 0975.21243632	−0.3	−0.1
184	A 0975.21252665	+0.0	+0.2	A 0975.21245299	+0.0	+0.1
	A 0975.21251666	−0.0	−0.0	A 0975.21250279	−0.0	−0.3
185	A 0975.21241433	+0.2	−0.1	A 0975.21245497	−0.2	+0.0
	A 0975.21248904	−0.1	−0.0	A 0975.21244248	−0.1	+0.1
	A 0975.21242755	−0.4	−0.1	A 0975.21242412	+0.3	+0.1
	A 0975.21248293	+0.3	−0.0			

SUPPLEMENT

186	A 0975.21241433	+0.1	−0.3	A 0975.21246506	+0.3	−0.5
	A 0975.21245497	−0.3	+0.6	A 0975.21248904	−0.4	+0.1
	A 0975.21244248	−0.1	+0.1	A 0975.21242178	−0.1	+0.2
	A 0975.21242755	−0.1	−0.1	A 0975.21242412	+0.0	+0.1
	A 0975.21247262	+0.5	−0.2			
187	A 0975.21236865	+0.5	−0.0	A 0975.21235799	+0.2	+0.1
	A 0975.21243836	−0.1	−0.0	A 0975.21240067	+0.4	+0.1
	A 0975.21238717	−0.3	+0.1	A 0975.21236248	−0.3	−0.2
	A 0975.21244022	+0.1	−0.0	A 0975.21245497	−0.0	−0.1
	A 0975.21238766	−0.4	+0.4	A 0975.21236289	−0.1	−0.2
188	A 0975.21241433	−0.1	−0.5	A 0975.21235799	+0.1	+0.4
	A 0975.21243836	+0.0	+0.1	A 0975.21238717	−0.1	−0.3
	A 0975.21236248	−0.2	−0.1	A 0975.21244022	+0.3	+0.5
	A 0975.21245497	−0.5	−0.2	A 0975.21236289	−0.0	+0.0
	A 0975.21242319	+0.5	+0.2	A 0975.21245135	+0.0	−0.1
189	A 0975.21237680	+0.5	+0.3	A 0975.21243836	+0.1	+0.4
	A 0975.21241440	−0.1	−0.4	A 0975.21237105	−0.5	−0.2
	A 0975.21239954	+0.1	+0.2	A 0975.21237632	−0.0	+0.0
	A 0975.21242412	−0.1	−0.4			
190	A 0975.21237680	−0.2	−0.0	A 0975.21235799	+0.5	+0.1
	A 0975.21243836	+0.1	+0.0	A 0975.21237632	−0.4	−0.1
	A 0975.21242412	+0.0	+0.0			
191	A 0975.21232075	−0.0	−0.0	A 0975.21237680	+0.3	+0.3
	A 0975.21233048	+0.1	+0.1	A 0975.21237105	−0.4	−0.3
	A 0975.21239390	+0.0	+0.0			
192	A 0975.21233048	+0.3	+0.0	A 0975.21237680	+0.3	+0.5
	A 0975.21237105	−0.7	−0.6	A 0975.21239390	+0.4	−0.1
	A 0975.21240425	−0.1	+0.0	A 0975.21233813	−0.3	+0.1
	A 0975.21233268	+0.2	−0.1			
193	A 0975.21229563	+0.0	−0.0	A 0975.21230489	+0.1	−0.2
	A 0975.21233813	−0.6	+0.7	A 0975.21234811	+0.4	−0.4
	A 0975.21236785	+0.1	−0.1			
194	A 0975.21229563	+0.1	−0.1	A 0975.21228934	−0.5	+0.2
	A 0975.21230489	+0.5	−0.3	A 0975.21233813	−0.3	+0.1
	A 0975.21234811	+0.1	−0.0			
195	A 0975.21218525	−0.0	−0.0	A 0975.21222418	+0.0	−0.1
	A 0975.21221270	+0.5	+0.3	A 0975.21221629	−0.5	−0.1
	A 0975.21219857	−0.2	−0.1	A 0975.21218871	+0.4	−0.0
	A 0975.21214898	−0.1	+0.0			
196	A 0975.21213466	+0.4	+0.4	A 0975.21214497	−0.5	−0.0
	A 0975.21218525	−0.0	−0.8	A 0975.21222418	−0.1	+0.2
	A 0975.21221270	+0.3	+0.4	A 0975.21219857	−0.2	−0.3
	A 0975.21214898	−0.0	−0.0			
197	A 0975.21218871	+0.1	−0.1	A 0975.21220830	+0.0	+0.1
	A 0975.21219689	+0.2	−0.1	A 0975.21217114	−0.6	+0.0
	A 0975.21213857	+0.4	+0.3	A 0975.21212500	−0.1	−0.2

198	A 0975.21217694	+0.1	+0.1	A 0975.21218871	−0.3	−0.2
	A 0975.21220830	+0.2	+0.1	A 0975.21219689	+0.0	+0.2
	A 0975.21217114	−0.3	−0.3	A 0975.21213857	+0.4	−0.1
	A 0975.21212500	−0.2	+0.2			
199	A 0975.21209802	+0.1	−0.2	A 0975.21211373	−0.1	+0.2
	A 0975.21212312	−0.3	−0.3	A 0975.21208933	+0.5	+0.5
	A 0975.21203368	−0.1	−0.2	A 0975.21203816	−0.2	−0.1
	A 0975.21205142	+0.1	+0.1			
200	A 0975.21211373	−0.3	−0.1	A 0975.21211832	+0.5	+0.1
	A 0975.21212312	−0.2	−0.0	A 0975.21203368	−0.0	−0.0
	A 0975.21208944	+0.0	+0.0			
201	A 0975.21187954	+0.4	−0.1	A 0975.21180922	−0.0	+0.0
	A 0975.21189608	−0.1	+0.0	A 0975.21188291	−0.3	+0.1
	A 0975.21179774	−0.0	+0.0			
202	A 0975.21187954	−0.1	+0.3	A 0975.21181050	+0.3	+0.1
	A 0975.21180922	+0.1	−0.2	A 0975.21186104	−0.1	+0.3
	A 0975.21189608	+0.1	−0.3	A 0975.21188291	+0.0	−0.2
	A 0975.21179774	−0.3	−0.1			
203	A 0975.21181549	−0.1	−0.0	A 0975.21180848	+0.2	+0.0
	A 0975.21180922	−0.2	+0.0	A 0975.21186096	−0.6	+0.3
	A 0975.21186043	+0.3	−0.2	A 0975.21185214	+0.4	−0.2
204	SA 0975.2118154	−0.7	+0.8	SA 0975.2117878	+0.5	−0.5
	SA 0975.2117811	−0.3	−0.1	SA 0975.2118092	+0.4	−0.1
	SA 0975.2118419	+0.1	+0.1	SA 0975.2118609	−0.3	+0.1
	SA 0975.2118789	+0.3	−0.4	SA 0975.2118757	+0.0	+0.0
	SA 0975.2118211	−0.1	+0.1			
205	SA 0975.2118154	−0.4	+0.6	SA 0975.2117878	+0.3	−0.4
	SA 0975.2117811	+0.2	−0.0	SA 0975.2118092	−0.1	−0.0
	SA 0975.2118419	−0.3	−0.2	SA 0975.2118521	+0.1	−0.0
	SA 0975.2118609	+0.1	+0.2	SA 0975.2118757	+0.3	−0.2
	SA 0975.2118211	−0.2	+0.1			
206	A 0975.21186129	+0.0	−0.0	A 0975.21178109	−0.1	−0.4
	A 0975.21178557	+0.3	+0.1	A 0975.21181221	+0.1	−0.3
	A 0975.21182526	−0.2	+0.4	A 0975.21184988	+0.1	−0.2
	A 0975.21179891	−0.3	+0.5			
207	SA 0975.2118612	−0.3	−0.1	SA 0975.2118122	−0.2	−0.1
	SA 0975.2117878	+0.2	+0.1	SA 0975.2118757	−0.0	−0.0
	SA 0975.2118778	+0.3	+0.1			
208	A 0975.21174189	−0.1	−0.1	A 0975.21181092	+0.0	+0.0
	A 0975.21172530	−0.0	−0.0	A 0975.21172047	+0.3	+0.3
	A 0975.21171146	−0.2	−0.2			
209	A 0975.21174189	+0.0	−0.0	A 0975.21177218	−0.0	+0.0
	A 0975.21177916	+0.0	−0.0	A 0975.21172530	−0.0	−0.0
	A 0975.21172047	+0.2	+0.0	A 0975.21171146	−0.2	−0.0
210	A 0975.07078032	−0.1	+0.1	A 0975.07072584	+0.3	−0.5
	A 0975.07073560	−0.4	+0.6	A 0975.07075980	+0.0	+0.1
	A 0975.07077463	−0.1	+0.1	A 0975.07074818	+0.0	−0.0
	A 0975.07078568	+0.1	−0.3			

SUPPLEMENT

211	A 0975.07078032	−0.0	−0.0	A 0975.07072584	−0.0	−0.1
	A 0975.07073817	+0.1	+0.1	A 0975.07074818	+0.0	+0.0
	A 0975.07078568	−0.0	−0.0			
212	A 0975.07071052	−0.5	−0.1	A 0975.07069195	+0.2	+0.0
	A 0975.07072673	+0.2	+0.0	A 0975.07076408	+0.0	+0.0
213	A 0975.07070566	−0.0	+0.3	A 0975.07071052	−0.0	+0.2
	A 0975.07069195	+0.0	−0.4	A 0975.07072673	+0.0	−0.1
	A 0975.07076408	+0.0	−0.1			
214	A 0975.07070566	+0.5	−0.0	A 0975.07066665	+0.3	−0.0
	A 0975.07070295	+0.1	−0.3	A 0975.07071052	−0.2	+0.3
	A 0975.07069611	−0.5	−0.1	A 0975.07066744	−0.2	+0.1
215	A 0975.07070566	+0.0	−0.0	A 0975.07066665	+0.0	−0.0
	A 0975.07070295	+0.1	−0.1	A 0975.07071052	−0.1	+0.1
	A 0975.07066744	−0.0	+0.0			
216	SA 0975.7056083	+0.0	+0.3	SA 0975.7057746	−0.0	+0.3
	SA 0975.7062200	+0.4	−0.0	SA 0975.7061274	−0.2	+0.1
	SA 0975.7056725	+0.0	−0.6	SA 0975.7061990	−0.2	−0.1
217	A 0975.07056083	+0.0	+0.0	A 0975.07057746	+0.0	+0.0
	A 0975.07062200	+0.6	+0.1	A 0975.07061274	−0.3	−0.1
	A 0975.07061990	−0.4	−0.1			
218	A 0975.07045397	−0.0	+0.1	A 0975.07044618	−0.0	+0.2
	A 0975.07041930	−0.0	−0.0	A 0975.07042553	+0.0	−0.1
	A 0975.07046264	+0.0	−0.1	A 0975.07044196	+0.0	−0.0
219	A 0975.07044611	−0.0	+0.0	A 0975.07044618	−0.0	+0.2
	A 0975.07046264	+0.0	−0.1	A 0975.07042553	+0.0	−0.1
220	A 0975.07041799	+0.0	+0.0	A 0975.07037613	+0.0	+0.0
	A 0975.07036590	−0.1	−0.2	A 0975.07036174	+0.1	+0.1
221	A 0975.07041972	−0.3	+0.2	A 0975.07040455	+0.4	−0.2
	A 0975.07035847	−0.1	+0.1	A 0975.07035927	−0.0	+0.3
	A 0975.07037138	+0.0	−0.1	A 0975.07035705	−0.0	−0.3
222	A 0975.07041972	+0.1	+0.1	A 0975.07040455	−0.2	−0.2
	A 0975.07035847	+0.0	+0.0	A 0975.07035927	+0.0	+0.0
	A 0975.07037138	−0.0	−0.0			
223	A 0975.07022099	+0.0	+0.0	A 0975.07022832	+0.0	+0.0
	A 0975.07026436	−0.2	−0.1	A 0975.07029017	+0.1	+0.2
	A 0975.07029098	−0.1	−0.2	A 0975.07028822	+0.0	+0.1
224	A 0975.07022173	−0.4	−0.1	A 0975.07021276	+0.1	+0.0
	A 0975.07026591	−0.0	−0.0	A 0975.07024501	+0.8	+0.1
	A 0975.07026436	−0.4	−0.1			
225	A 0975.07017311	+0.3	+0.1	A 0975.07023313	+0.0	+0.0
	A 0975.07023387	−0.2	−0.1	A 0975.07018416	+0.4	+0.2
	A 0975.07015742	−0.5	−0.2			
226	A 0975.07017311	−0.3	−0.4	A 0975.07023313	+0.1	+0.2
	A 0975.07023387	−0.1	−0.2	A 0975.07015742	+0.2	+0.4
227	A 0975.07010155	−0.0	−0.0	A 0975.07013693	+0.1	−0.2
	A 0975.07015292	−0.1	+0.2	A 0975.07013322	−0.0	−0.1
	A 0975.07011869	+0.4	−0.2	A 0975.07011372	−0.5	+0.4
	A 0975.07010801	+0.2	−0.0			

228	A 0975.07011372	−0.3	−0.0	A 0975.07011008	+0.8	+0.4
	A 0975.07014178	+0.4	+0.2	A 0975.07013908	−0.1	−0.2
	A 0975.07010801	+0.0	−0.4	A 0975.07010155	−0.3	+0.2
	A 0975.07013693	−0.1	+0.1	A 0975.07011995	−0.2	−0.1
	A 0975.07013322	−0.4	−0.1			
229	A 0975.07010448	−0.2	−0.3	A 0975.07011283	−0.3	+0.5
	A 0975.07008408	−0.2	+0.0	A 0975.07008522	−0.0	+0.2
	A 0975.07009119	+0.1	−0.2	A 0975.07008824	+0.1	+0.1
	A 0975.07010732	+0.5	−0.3			
230	A 0975.07010448	+0.3	+0.4	A 0975.07011283	+0.2	+0.1
	A 0975.07008408	+0.3	+0.3	A 0975.07008522	−0.3	−0.0
	A 0975.07009119	−0.2	−0.1	A 0975.07008824	+0.2	−0.3
	A 0975.07010732	−0.5	−0.5			
231	A 0975.07008824	+0.4	−0.6	A 0975.07007360	−0.2	−0.1
	A 0975.07008695	+0.4	−0.0	A 0975.07011266	−0.3	−0.2
	A 0975.07012344	−0.1	+0.1	A 0975.07007964	−0.4	+0.7
	A 0975.07008522	+0.1	−0.1	A 0975.07013088	+0.1	+0.1
232	A 0975.07008824	−0.2	−0.6	A 0975.07007360	−0.2	+0.3
	A 0975.07008695	+0.1	−0.4	A 0975.07013552	−0.1	+0.2
	A 0975.07012344	+0.1	−0.1	A 0975.07007964	−0.1	+0.3
	A 0975.07008522	+0.3	+0.1			
233	A 0975.06291484	+0.1	−0.1	A 0975.06299729	+0.1	−0.1
	A 0975.06296624	+0.3	−0.3	A 0975.06295445	−0.3	+0.3
	A 0975.06299372	−0.2	+0.2			
234	A 0975.06293367	−0.0	−0.0	A 0975.06291078	−0.1	−0.1
	A 0975.06291964	+0.1	+0.1	A 0975.06299372	+0.0	−0.0
	A 0975.06296790	−0.0	+0.1	A 0975.06291857	−0.0	−0.0
235	A 1050.00653883	+0.3	−0.1	A 1050.00647886	−0.2	−0.5
	A 1050.00648933	+0.1	+0.1	A 1050.00653904	+0.2	−0.1
	A 1050.00653380	−0.6	+0.1	A 1050.00649280	+0.2	+0.4
236	A 1050.00653883	+0.2	−0.3	A 1050.00647886	−0.0	+0.0
	A 1050.00648933	+0.0	−0.0	A 1050.00653904	+0.2	−0.4
	A 1050.00653635	−0.2	+0.4	A 1050.00653380	+0.0	−0.2
	A 1050.00654132	−0.1	+0.5			
237	A 1050.00648806	+0.1	+0.4	A 1050.00646990	+0.3	+0.5
	A 1050.00648241	−0.3	−0.3	A 1050.00650966	−0.5	+0.3
	A 1050.00651447	−0.1	−0.0	A 1050.00652728	+0.7	−0.2
	A 1050.00652127	−0.3	+0.0	A 1050.00649052	−0.2	+0.1
	A 1050.00647886	+0.1	−0.8			
238	A 1050.00648806	+0.3	+0.4	A 1050.00646990	+0.3	−0.1
	A 1050.00648241	−0.4	+0.0	A 1050.00650966	+0.2	+0.1
	A 1050.00651447	−0.2	+0.1	A 1050.00652728	+0.0	−0.3
	A 1050.00652127	+0.1	+0.1	A 1050.00649052	−0.3	−0.4

SUPPLEMENT

239	A 1050.00632601	+0.1	+0.0	A 1050.00637398	+0.1	−0.0
	A 1050.00640340	−0.1	+0.1	A 1050.00640787	+0.4	+0.3
	A 1050.00641402	−0.3	−0.6	A 1050.00639531	−0.5	+0.3
	A 1050.00638173	+0.5	−0.0	A 1050.00634475	+0.1	−0.0
	A 1050.00632451	−0.3	−0.0			
240	A 1050.00632601	−0.1	−0.1	A 1050.00637398	+0.3	+0.1
	A 1050.00640340	−0.1	+0.1	A 1050.00640787	+0.2	−0.2
	A 1050.00641402	−0.3	−0.2	A 1050.00639531	−0.3	+0.2
	A 1050.00638173	+0.6	+0.1	A 1050.00634475	−0.1	−0.1
	A 1050.00632451	−0.1	−0.0			
241	A 1050.00635192	+0.6	−0.2	A 1050.00637039	−0.2	+0.1
	A 1050.00639887	−0.0	+0.2	A 1050.00639531	−0.4	−0.2
	A 1050.00638173	+0.3	−0.1	A 1050.00633925	+0.1	+0.2
	A 1050.00631785	+0.1	−0.1	A 1050.00631566	−0.0	−0.4
	A 1050.00630724	−0.4	+0.4			
242	A 1050.00632451	−0.7	−0.0	A 1050.00635192	+0.5	−0.5
	A 1050.00637039	−0.0	+0.2	A 1050.00639887	−0.1	+0.4
	A 1050.00639531	−0.6	−0.1	A 1050.00638173	+0.4	−0.1
	A 1050.00633925	+0.3	−0.2	A 1050.00631785	−0.3	−0.1
	A 1050.00631566	+0.1	+0.5	A 1050.00630724	+0.0	+0.2
	A 1050.00635457	+0.3	−0.3			
243	A 1050.00619328	+0.3	+0.1	A 1050.00621412	−0.3	+0.2
	A 1050.00623875	+0.5	−0.3	A 1050.00627789	+0.0	+0.3
	A 1050.00627728	−0.2	−0.1	A 1050.00627724	+0.6	−0.2
	A 1050.00626715	−0.2	+0.2	A 1050.00619362	+0.3	+0.0
	A 1050.00621946	−0.6	−0.3	A 1050.00623991	−0.3	+0.1
244	A 1050.00619328	+0.0	−0.1	A 1050.00621412	−0.1	+0.1
	A 1050.00623875	+0.5	−0.4	A 1050.00627789	+0.2	+0.3
	A 1050.00627728	−0.0	−0.7	A 1050.00627724	−0.5	+0.4
	A 1050.00626715	+0.5	−0.2	A 1050.00619362	+0.0	−0.1
	A 1050.00621946	+0.1	+0.0	A 1050.00623991	−0.8	+0.6
245	A 1050.00575734	+0.1	+0.6	A 1050.00579115	−0.3	−0.1
	A 1050.00576711	−0.0	−0.2	A 1050.00581380	−0.3	−0.1
	A 1050.00576162	+0.1	−0.3	A 1050.00582835	+0.4	+0.2
246	A 1050.00579115	−0.1	+0.1	A 1050.00582766	−0.4	−0.0
	A 1050.00581263	−0.2	−0.3	A 1050.00576711	+0.0	+0.1
	A 1050.00581561	+0.6	−0.2	A 1050.00581380	−0.1	−0.1
	A 1050.00582835	+0.2	+0.5			
247	SA 1050.0571649	−0.0	+0.3	SA 1050.0576469	+0.0	+0.2
	SA 1050.0576099	−0.0	−0.2	SA 1050.0575734	−0.0	−0.1
	SA 1050.0570534	+0.0	−0.3	SA 1050.0571157	−0.0	+0.0
248	SA 1050.0571649	−0.3	+0.3	SA 1050.0576469	+0.5	+0.5
	SA 1050.0576099	−0.4	−0.3	SA 1050.0575734	−0.2	−0.1
	SA 1050.0570534	+0.1	−0.1	SA 1050.0571157	−0.1	+0.1
	SA 1050.0573273	+0.3	−0.4			
249	SA 1050.0569072	+0.6	+0.3	SA 1050.0567665	−0.1	+0.0
	SA 1050.0567817	−0.5	−0.3	SA 1050.0567685	+0.2	+0.1
	SA 1050.0572443	−0.1	−0.0	SA 1050.0570289	−0.2	−0.1

250	SA 1050.0567665	+0.1	+0.3	SA 1050.0567817	+0.2	−0.0
	SA 1050.0567145	−0.8	+0.2	SA 1050.0567685	+0.4	−0.1
	SA 1050.0571157	+0.0	−0.1	SA 1050.0575458	−0.2	+0.2
	SA 1050.0570289	+0.3	−0.4			
251	A 1050.00551515	+0.4	−0.4	A 1050.00553813	−0.5	+0.5
	A 1050.00553722	+0.4	+0.0	A 1050.00553456	−0.1	−0.3
	A 1050.00554077	−0.1	+0.0	A 1050.00551286	+0.2	−0.1
	A 1050.00547204	+0.1	+0.4	A 1050.00544430	−0.2	−0.3
	A 1050.00544243	+0.2	−0.1	A 1050.00545224	−0.2	+0.2
252	A 1050.00551515	+0.2	−0.0	A 1050.00553813	−0.0	−0.4
	A 1050.00553722	+0.1	+0.4	A 1050.00553456	−0.4	+0.2
	A 1050.00554077	−0.2	−0.1	A 1050.00551286	+0.5	−0.2
	A 1050.00547204	+0.2	+0.1	A 1050.00544430	−0.2	+0.2
	A 1050.00544243	−0.2	−0.5	A 1050.00545224	+0.2	+0.3
253	A 1050.00544583	+0.2	−0.1	A 1050.00548122	−0.2	+0.2
	A 1050.00548468	−0.0	+0.3	A 1050.00549116	+0.2	−0.4
	A 1050.00541397	+0.1	−0.1	A 1050.00540872	−0.2	+0.1
254	A 0825.00762746	−0.1	+0.1	A 0825.00764174	+0.1	−0.1
	A 0825.00765890	−0.0	−0.1	A 0825.00767328	+0.0	+0.2
	A 0825.00765167	−0.0	−0.2	A 0825.00763950	+0.0	+0.1
255	A 0825.00762746	+0.2	−0.3	A 0825.00764174	−0.2	+0.4
	A 0825.00767328	+0.6	+0.2	A 0825.00765167	+0.1	+0.4
	A 0825.00766664	−0.7	−0.6	A 0825.00763950	−0.1	−0.1
256	A 0825.00742532	−0.0	−0.0	A 0825.00747800	+0.1	+0.1
	A 0825.00748272	−0.3	−0.3	A 0825.00744356	−0.0	−0.0
	A 0825.00748171	+0.2	+0.2			
257	A 0825.00742532	−0.1	+0.1	A 0825.00747800	+0.1	−0.1
	A 0825.00744356	+0.1	−0.2	A 0825.00748171	−0.1	+0.2
258	A 0825.00734083	−0.1	+0.0	A 0825.00733759	+0.0	+0.0
	A 0825.00738508	+0.0	+0.2	A 0825.00737940	−0.3	+0.1
	A 0825.00735808	+0.1	+0.1	A 0825.00736615	−0.1	−0.2
	A 0825.00737496	+0.4	−0.3			
259	A 0825.00734083	−0.0	−0.1	A 0825.00733759	+0.0	+0.1
	A 0825.00737940	−0.1	−0.1	A 0825.00735808	−0.0	−0.3
	A 0825.00736615	−0.0	+0.2	A 0825.00737496	+0.2	+0.1
260	A 0825.00692978	−0.1	−0.4	A 0825.00693011	−0.5	+0.0
	A 0825.00693828	+0.1	+0.7	A 0825.00693588	+0.1	−0.7
	A 0825.00694079	−0.1	+0.2	A 0825.00691656	+0.5	−0.2
	A 0825.00690519	−0.6	+0.2	A 0825.00691808	+0.7	+0.1
261	A 0825.00692978	−0.2	−0.0	A 0825.00693011	−0.5	−0.2
	A 0825.00693828	+0.4	+0.2	A 0825.00694079	+0.1	+0.2
	A 0825.00691874	−0.5	−0.6	A 0825.00691656	+0.4	+0.0
	A 0825.00690948	+0.1	+0.5	A 0825.00691808	+0.3	−0.1
262	A 1200.05307619	+0.0	−0.1	A 1200.05313859	−0.1	+0.1
	A 1200.05317114	+0.2	−0.1	A 1200.05314376	−0.2	−0.3
	A 1200.05301017	+0.4	+0.5	A 1200.05293054	−0.4	+0.1
	A 1200.05287040	−0.0	−0.5	A 1200.05287833	+0.2	+0.2
	A 1200.05293385	−0.1	−0.0			

SUPPLEMENT

263	A 1200.05301615	+0.0	−0.1	A 1200.05307619	−0.2	+0.8
	A 1200.05313859	+0.3	−0.5	A 1200.05317114	−0.2	+0.1
	A 1200.05314376	+0.2	−0.4	A 1200.05301017	−0.0	+0.5
	A 1200.05293054	−0.5	+0.0	A 1200.05287040	+0.2	−0.4
	A 1200.05287833	+0.3	+0.1	A 1200.05293385	−0.1	−0.2
264	A 1200.05278713	+0.1	+0.4	A 1200.05279001	−0.0	−0.3
	A 1200.05294401	−0.0	−0.1	A 1200.05301178	+0.1	+0.0
	A 1200.05295215	−0.0	−0.0	A 1200.05300792	−0.1	+0.0
	A 1200.05278444	−0.0	−0.1			
265	A 1200.05279001	+0.0	−0.0	A 1200.05294401	+0.0	+0.1
	A 1200.05301178	+0.5	+0.0	A 1200.05295215	−0.1	+0.0
	A 1200.05300792	−0.4	−0.1	A 1200.05278444	+0.0	+0.0
266	A 1275.01807072	−0.1	+0.1	A 1275.01816749	+0.8	−0.1
	A 1275.01808302	+0.1	−0.0	A 1275.01798227	−0.3	−0.2
	A 1275.01797632	−0.1	+0.4	A 1275.01814353	+0.2	−0.1
	A 1275.01823138	−0.7	+0.2	A 1275.01819140	−0.0	−0.1
	A 1275.01794988	+0.1	−0.2			
267	A 1275.01818246	+0.4	−0.3	A 1275.01807072	−0.1	+0.7
	A 1275.01816749	+0.8	+0.1	A 1275.01798227	+0.0	+0.3
	A 1275.01814353	−0.4	−0.1	A 1275.01823138	−0.2	−0.1
	A 1275.01819140	−0.3	+0.0	A 1275.01805679	−0.2	−0.2
	A 1275.01794988	+0.1	−0.5			
268	SA 1275.1798645	−0.5	+0.1	SA 1275.1792475	+0.1	+0.1
	SA 1275.1789793	+0.4	−0.3	SA 1275.1807940	+0.2	−0.0
	SA 1275.1789637	−0.3	+0.2	SA 1275.1797632	+0.1	−0.0
269	SA 1275.1798645	+0.0	+0.2	SA 1275.1792475	+0.4	−0.2
	SA 1275.1789793	−0.5	−0.2	SA 1275.1800716	+0.0	−0.4
	SA 1275.1807940	−0.3	+0.1	SA 1275.1789637	+0.6	−0.0
	SA 1275.1797632	−0.3	+0.1	SA 1275.1818246	+0.3	−0.3
	SA 1275.1803826	−0.3	+0.6			
270	SA 1275.1774362	+0.5	+0.1	SA 1275.1773580	−0.3	−0.1
	SA 1275.1776876	−0.2	−0.1	SA 1275.1791907	+0.0	+0.0
	SA 1275.1803137	−0.0	−0.0			
271	SA 1275.1774362	+0.7	−0.2	SA 1275.1773580	−0.4	+0.1
	SA 1275.1776876	−0.3	+0.1	SA 1275.1791907	+0.0	−0.0
	SA 1275.1798645	−0.0	+0.0			
272	A 1275.01724999	−0.2	−0.0	A 1275.01728538	+0.5	+0.1
	A 1275.01735639	−0.1	−0.1	A 1275.01735697	−0.4	+0.2
	A 1275.01729335	+0.1	−0.0	A 1275.01722462	+0.3	−0.2
	A 1275.01705177	−0.5	+0.0	A 1275.01709057	+0.6	−0.0
	A 1275.01709248	+0.0	+0.2	A 1275.01712172	−0.3	−0.1
273	A 1275.01724999	−0.4	+0.3	A 1275.01728538	+0.6	−0.4
	A 1275.01735639	−0.1	+0.1	A 1275.01735697	−0.4	+0.1
	A 1275.01729335	+0.4	−0.2	A 1275.01722462	−0.2	+0.1
	A 1275.01705177	−0.3	+0.1	A 1275.01709057	+0.3	−0.2
	A 1275.01709248	+0.3	−0.0	A 1275.01712172	−0.3	+0.1

274	A 1275.01654718	+0.1	+0.0	A 1275.01668131	−0.1	−0.2
	A 1275.01667613	+0.0	+0.3	A 1275.01663592	−0.0	−0.1
	A 1275.01644790	+0.1	+0.1	A 1275.01644823	−0.2	−0.1
275	A 1275.01607848	+0.2	−0.3	A 1275.01627293	−0.6	−0.2
	A 1275.01612741	+0.0	−0.4	A 1275.01626650	−0.1	+0.5
	A 1275.01627976	+0.7	+0.2	A 1275.01604716	−0.2	+0.4
	A 1275.01631661	−0.0	−0.3	A 1275.01606574	+0.1	+0.1
276	A 1275.01607848	−0.0	+0.0	A 1275.01627293	−0.6	+0.5
	A 1275.01612741	−0.3	+0.3	A 1275.01626650	+0.0	−0.2
	A 1275.01627976	+0.7	−0.6	A 1275.01631661	+0.0	+0.1
	A 1275.01606574	+0.3	−0.3			
277	A 1275.01462152	+0.4	+0.1	A 1275.01465750	+0.0	+0.0
	A 1275.01477486	−0.2	−0.0	A 1275.01480413	−0.0	−0.0
	A 1275.01450265	−0.3	−0.1			
278	A 1275.01462152	+0.3	−0.3	A 1275.01465750	+0.0	−0.0
	A 1275.01477486	−0.1	+0.1	A 1275.01480413	−0.0	+0.0
	A 1275.01450265	−0.2	+0.2			
279	A 0975.00461395	+0.0	+0.0	A 0975.00458514	−0.0	−0.0
	A 0975.00455899	+0.0	−0.1	A 0975.00455610	−0.1	+0.0
	A 0975.00456236	+0.6	+0.7	A 0975.00456342	−0.5	−0.5
280	A 0975.00459619	−0.8	+0.1	A 0975.00460096	+0.4	−0.1
	A 0975.00460264	+0.3	+0.0	A 0975.00458514	−0.0	−0.2
	A 0975.00455899	−0.1	+0.3	A 0975.00455610	+0.2	−0.3
	A 0975.00456236	+0.0	+0.0			
281	A 0975.00459619	+0.0	−0.0	A 0975.00458514	+0.0	−0.0
	A 0975.00455899	−0.3	+0.3	A 0975.00455610	+0.4	−0.3
	A 0975.00456236	−0.1	+0.1			
282	A 0975.00455610	−0.2	+0.3	A 0975.00454988	−0.2	−0.1
	A 0975.00453562	+0.4	−0.1	A 0975.00450604	−0.2	−0.1
	A 0975.00450712	+0.2	+0.1	A 0975.00451172	−0.3	+0.3
	A 0975.00452258	+0.1	−0.5	A 0975.00453608	+0.3	+0.1
283	A 0975.00451172	−0.0	−0.1	A 0975.00449413	−0.3	+0.4
	A 0975.00447072	+0.3	+0.3	A 0975.00446432	+0.2	+0.0
	A 0975.00450578	+0.2	−0.2	A 0975.00446624	−0.4	−0.5
284	A 0975.00451172	+0.1	−0.0	A 0975.00449413	+0.1	−0.1
	A 0975.00451455	−0.1	+0.1	A 0975.00447072	−0.0	+0.0
	A 0975.00446432	−0.0	+0.0			
285	A 0975.00445335	+0.3	−0.1	A 0975.00445762	−0.3	+0.1
	A 0975.00444817	−0.0	+0.0	A 0975.00449719	+0.1	−0.0
	A 0975.00449634	−0.0	+0.0			
286	A 0975.00446432	−0.5	+0.3	A 0975.00445335	−0.0	+0.2
	A 0975.00445762	−0.0	−0.2	A 0975.00444817	+0.1	−0.0
	A 0975.00444122	+0.3	−0.2	A 0975.00448993	−0.1	+0.1
	A 0975.00449719	+0.0	−0.1	A 0975.00449489	+0.3	−0.1
287	A 0975.00444817	−0.3	+0.3	A 0975.00441858	+0.1	−0.0
	A 0975.00441371	−0.1	+0.1	A 0975.00444122	+0.4	−0.4

SUPPLEMENT

288	A 0975.00444817	+0.0	−0.3	A 0975.00441371	−0.0	+0.0
	A 0975.00442894	+0.0	−0.2	A 0975.00444122	−0.0	+0.5
289	A 0975.00424601	+0.1	+0.1	A 0975.00430952	−0.2	+0.1
	A 0975.00430681	+0.4	−0.3	A 0975.00429753	−0.1	+0.1
	A 0975.00427011	−0.3	+0.2	A 0975.00425807	+0.1	+0.1
	A 0975.00424582	+0.2	−0.2	A 0975.00425769	−0.3	−0.1
290	A 0975.00424601	+0.0	+0.1	A 0975.00426137	−0.2	−0.1
	A 0975.00430952	+0.0	+0.1	A 0975.00430681	+0.0	−0.1
	A 0975.00425807	−0.2	+0.2	A 0975.00424582	+0.1	−0.2
	A 0975.00425769	+0.2	−0.1			
291	A 0975.00371265	+0.2	−0.0	A 0975.00367857	+0.2	−0.1
	A 0975.00367050	−0.1	+0.2	A 0975.00366916	+0.2	+0.2
	A 0975.00367180	+0.2	+0.2	A 0975.00370637	+0.1	−0.1
	A 0975.00369124	−0.7	+0.2	A 0975.00366522	+0.0	−0.5
292	A 0975.00366522	−0.0	+0.0	A 0975.00370637	+0.0	−0.1
	A 0975.00371623	−0.0	+0.1	A 0975.00371960	+0.0	−0.1
293	A 0975.21120082	+0.2	+0.2	A 0975.21126647	+0.6	+0.4
	A 0975.21129107	−0.0	−0.1	A 0975.21123458	−0.2	+0.0
	A 0975.21124847	−0.7	−0.5	A 0975.21119828	+0.0	−0.1
294	A 0975.21120082	+0.1	+0.4	A 0975.21122801	−0.1	−0.5
	A 0975.21126647	+0.0	+0.2	A 0975.21129107	+0.1	+0.1
	A 0975.21122805	−0.1	−0.2	A 0975.21120511	+0.1	+0.1
295	A 0975.21120082	+0.0	−0.0	A 0975.21126647	−0.0	+0.0
	A 0975.21129107	+0.0	−0.0	A 0975.21123591	−0.0	+0.1
	A 0975.21120716	+0.0	−0.1			
296	A 0675.36504019	−0.2	+0.1	A 0675.36504749	+0.0	−0.0
	A 0675.36512747	−0.2	+0.1	A 0675.36509885	+0.6	−0.2
	A 0675.36510228	−0.2	+0.1	A 0675.36487571	+0.0	−0.0
297	A 0675.36512747	−0.1	−0.1	A 0675.36509885	+0.3	+0.2
	A 0675.36510228	−0.1	−0.1	A 0675.36487571	+0.0	+0.0
	A 0675.36496711	−0.0	−0.0			
298	A 0675.36468635	+0.1	+0.1	A 0675.36460419	−0.2	−0.4
	A 0675.36454826	+0.2	+0.3	A 0675.36465564	−0.1	+0.1
	A 0675.36466646	−0.0	−0.3	A 0675.36472931	+0.1	+0.2
299	A 0675.36468635	+0.2	+0.1	A 0675.36460419	−0.6	−0.2
	A 0675.36454826	+0.5	+0.2	A 0675.36465564	−0.2	−0.1
	A 0675.36466646	−0.1	−0.0	A 0675.36472931	+0.2	+0.1
300	A 0825.00178447	+0.1	+0.2	A 0825.00180371	−0.3	−0.4
	A 0825.00181252	+0.1	+0.2	A 0825.00177489	+0.2	+0.2
	A 0825.00176076	−0.1	−0.2			
301	A 0825.00176500	+0.3	−0.0	A 0825.00177281	−0.4	+0.0
	A 0825.00178447	+0.1	−0.0	A 0825.00181252	+0.0	−0.0
	A 0825.00177489	+0.0	−0.0			
302	A 0825.00176500	+0.3	+0.0	A 0825.00177281	−0.3	−0.2
	A 0825.00178447	+0.0	+0.2	A 0825.00180371	+0.1	−0.3
	A 0825.00181252	−0.1	+0.1	A 0825.00177489	−0.1	+0.1

303	A 0825.00437397	+0.2	+0.3	A 0825.00441142	+0.1	+0.1
	A 0825.00441340	+0.5	+0.2	A 0825.00442121	−0.6	−0.4
	A 0825.00436477	−0.4	−0.5	A 0825.00437348	+0.1	+0.2
	A 0825.00439888	+0.1	+0.1			
304	A 0825.00437397	−0.2	+0.3	A 0825.00441142	−0.3	+0.1
	A 0825.00441340	−0.5	+0.1	A 0825.00442121	+0.6	+0.2
	A 0825.00438842	+0.3	−0.5	A 0825.00436477	+0.1	+0.2
	A 0825.00437348	+0.1	−0.2	A 0825.00439888	−0.1	−0.2
305	A 0825.00441142	−0.1	−0.0	A 0825.00441340	+0.0	+0.3
	A 0825.00442121	+0.4	+0.0	A 0825.00438842	−0.1	−0.1
	A 0825.00436477	+0.2	+0.2	A 0825.00439888	−0.4	−0.3
306	A 0825.00578400	−0.2	−0.0	A 0825.00579610	+0.1	+0.0
	A 0825.00574834	+0.0	+0.0	A 0825.00577603	+0.1	+0.0
	A 0825.00576806	−0.0	−0.0			
307	A 0825.00578400	−0.4	−0.6	A 0825.00579610	+0.0	+0.3
	A 0825.00574834	−0.1	+0.1	A 0825.00580786	+0.3	+0.1
	A 0825.00576119	+0.6	+0.1	A 0825.00577603	−0.3	−0.0

4. List of collaborators

Name	Exposures	Measurements	Reductions
G. Červák	114	113	–
M. Kamenický	11	11	–
L. Neslušan	1	1	307
P. Rychtarčík	179	179	–
J. Svoreň	2	3	–

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