

20190801-20191031 Observed Source

ID	source_name	PID	obs_date	Receiver	beam_num	backend	obs_mode
1	J07380615+2823592	2019a-023-S	2019/8/4	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
2	SN2018evt	2019a-126-C	2019/8/4	19波束接收机	beam1	spec(W+N)	ON-OFF
3	RingCloud	2019a-025-S	2019/8/4	19波束接收机	beam1-beam19	spec(W+N)	MultiBeamOTF
4	Dec+0553	3004/3049	2019/8/4	19波束接收机	beam1-beam19	psr	DriftWithAngle
5	Dec+0553	3004/3049	2019/8/4	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
6	Stripe3	2019a-037-S	2019/8/5	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
7	G159. 2-20A1	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
8	G160. 51-17. 07	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
9	L1489E	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
10	L1521B	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
11	G173. 3-16A1	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
12	G170. 88-10. 92	2019a-020-S	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
13	J07380615+2823592	2019a-023-S	2019/8/5	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
14	J1539+5027	3055	2019/8/5	19波束接收机	beam1-beam19	psr	Tracking
15	J1539+5027	3055	2019/8/5	19波束接收机	beam1-beam19	spec(W)	Tracking
16	NVSSJ185612+075340	2019a-002-S	2019/8/5	19波束接收机	beam1-beam19	psr	ON-OFF
17	NVSSJ185612+075340	2019a-002-S	2019/8/5	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
18	NVSSJ190101+041208	2019a-002-S	2019/8/5	19波束接收机	beam1-beam19	psr	ON-OFF
19	NVSSJ190101+041208	2019a-002-S	2019/8/5	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
20	Dec+0615	3004/3049	2019/8/5	19波束接收机	beam1-beam19	psr	DriftWithAngle
21	Dec+0615	3004/3049	2019/8/5	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
22	NGC_0838	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
23	NGC_0838_m	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
24	NGC_0838_p	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
25	UGC_01845	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
26	NGC_1275	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
27	IRAS_F03217+4022	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
28	IRAS_03582+6012	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
29	IRAS_04271+3849	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
30	NGC_1614	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
31	NGC_1797	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
32	IRAS_F05187-1017	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
33	IRAS_05129+5128	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
34	UGC_3608	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
35	IRAS_07251-0248	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
36	FRB121102	2019a-130-P	2019/8/6	19波束接收机	beam1	psr	Tracking
37	UGC_04881	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
38	UGC_05101	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
39	MCG+08-18-013	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
40	NGC_3110	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
41	CGCG_011-076	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
42	MCG+07-23-019	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
43	NGC_3690	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
44	UGC_08058	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
45	IRAS_F12224-0624	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
46	NGC_5256	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
47	UGC_08696	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
48	CGCG_247-020	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
49	VV_705	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
50	NGC_6090	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
51	IRAS_F16164-0746	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
52	IRAS_F16399-0937	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
53	IRAS_F16516-0948	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
54	NGC_6286	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
55	IRAS_F17132+5313	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
56	IRAS_F17138-1017	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
57	IRAS_17578-0400	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
58	NGC_6670A/B	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF
59	IRAS_F19297-0406	2019a-017-S	2019/8/6	19波束接收机	beam1-beam19	spec(W)	ON-OFF

60	NVSSJ191107+090649	2019a-002-S	2019/8/6	19波束接收机	beam1-beam19	psr	ON-OFF
61	NVSSJ191107+090649	2019a-002-S	2019/8/6	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
62	Dec+0638	3004/3049	2019/8/6	19波束接收机	beam1-beam19	psr	DriftWithAngle
63	Dec+0638	3004/3049	2019/8/6	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
64	3C394	2019a-002-S	2019/8/7	19波束接收机	beam1-beam19	psr	ON-OFF
65	3C394	2019a-002-S	2019/8/7	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
66	PKS1958+25	2019a-002-S	2019/8/7	19波束接收机	beam1-beam19	psr	ON-OFF
67	PKS1958+25	2019a-002-S	2019/8/7	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
68	Dec+0700	3004/3049	2019/8/7	19波束接收机	beam1-beam19	psr	DriftWithAngle
69	Dec+0700	3004/3049	2019/8/7	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
70	FRB190116, J1249+27	2019a-130-P	2019/8/8	19波束接收机	beam1-beam19	psr	Tracking
71	J1813-0402	3045	2019/8/8	19波束接收机	beam1-beam19	psr	ON-OFF
72	B1957+20	2019a-078-P	2019/8/8	19波束接收机	beam1-beam19	psr	Tracking
73	Dec+0722	3004/3049	2019/8/8	19波束接收机	beam1-beam19	psr	DriftWithAngle
74	Dec+0722	3004/3049	2019/8/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
75	B1929+10	2019a-045-S	2019/8/9	19波束接收机	beam1	psr	Tracking
76	Dec+0744	3004/3049	2019/8/9	19波束接收机	beam1-beam19	psr	DriftWithAngle
77	Dec+0744	3004/3049	2019/8/9	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
78	Stripe1	2019a-037-S	2019/8/10	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
79	Dec+0807	3004/3049	2019/8/10	19波束接收机	beam1-beam19	psr	DriftWithAngle
80	Dec+0807	3004/3049	2019/8/10	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
81	Stripe2	2019a-037-S	2019/8/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
82	G165, 6-09A1	2019a-020-S	2019/8/11	19波束接收机	beam1-beam19	spec(W)	Snapshot
83	G174, 08-13, 2	2019a-020-S	2019/8/11	19波束接收机	beam1-beam19	spec(W)	Snapshot
84	G172, 8-14A1	2019a-020-S	2019/8/11	19波束接收机	beam1-beam19	spec(W)	Snapshot
85	G174, 4-15A1	2019a-020-S	2019/8/11	19波束接收机	beam1-beam19	spec(W)	Snapshot
86	G192, 2-11A2	2019a-020-S	2019/8/11	19波束接收机	beam1-beam19	spec(W)	Snapshot
87	Dec+0829	3004/3049	2019/8/11	19波束接收机	beam1-beam19	psr	DriftWithAngle
88	Dec+0829	3004/3049	2019/8/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
89	Dec+0851	3004/3049	2019/8/12	19波束接收机	beam1-beam19	psr	DriftWithAngle
90	Dec+0851	3004/3049	2019/8/12	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
91	J0631+4147	2019a-082-P	2019/8/13	19波束接收机	beam1	psr	Tracking
92	J0925+6102	2019a-082-P	2019/8/13	19波束接收机	beam1	psr	Tracking
93	Lockman_Hole	2019a-016-S	2019/8/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
94	SN2018evt	2019a-126-C	2019/8/13	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
95	FRB190116, J1249+27	2019a-130-P	2019/8/13	19波束接收机	beam1-beam19	psr	Tracking
96	Dec+0914	3004/3049	2019/8/13	19波束接收机	beam1-beam19	psr	DriftWithAngle
97	Dec+0914	3004/3049	2019/8/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
98	Stripe4	2019a-037-S	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
99	J0613+04	2019a-062-P	2019/8/14	19波束接收机	beam1-beam19	psr	Tracking
100	J07380615+2823592	2019a-023-S	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
101	Lockman_Hole	2019a-016-S	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
102	3C423	2019a-002-S	2019/8/14	19波束接收机	beam1-beam19	psr	ON-OFF
103	3C423	2019a-002-S	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
104	3C439	2019a-002-S	2019/8/14	19波束接收机	beam1-beam19	psr	ON-OFF
105	3C439	2019a-002-S	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
106	Dec+0936	3004/3049	2019/8/14	19波束接收机	beam1-beam19	psr	DriftWithAngle
107	Dec+0936	3004/3049	2019/8/14	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
108	Stripe5	2019a-037-S	2019/8/15	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
109	J0910+1014_34_46	2019a-005-S	2019/8/15	19波束接收机	beam1	spec(W+N)	ON-OFF
110	3C431	2019a-002-S	2019/8/15	19波束接收机	beam1-beam19	psr	ON-OFF
111	3C431	2019a-002-S	2019/8/15	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
112	Dec+0958	3004/3049	2019/8/15	19波束接收机	beam1-beam19	psr	DriftWithAngle
113	Dec+0958	3004/3049	2019/8/15	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
114	Stripe5	2019a-037-S	2019/8/16	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
115	J0943+0531_106_34	2019a-005-S	2019/8/16	19波束接收机	beam1	spec(W+N)	ON-OFF
116	J1435+3604_126_21	2019a-005-S	2019/8/16	19波束接收机	beam1	spec(W+N)	ON-OFF
117	J1851+005	2019a-044-S	2019/8/16	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
118	G034, 39+00, 22	2019a-044-S	2019/8/16	19波束接收机	beam1-beam19	spec(W)	ON-OFF
119	G034, 65-00, 40	2019a-044-S	2019/8/16	19波束接收机	beam1-beam19	spec(W)	ON-OFF
120	3C428	2019a-002-S	2019/8/16	19波束接收机	beam1-beam19	psr	ON-OFF

121	3C428	2019a-002-S	2019/8/16	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
122	Dec+1020	3004/3049	2019/8/16	19波束接收机	beam1-beam19	psr	DriftWithAngle
123	Dec+1020	3004/3049	2019/8/16	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
124	Stripe4	2019a-037-S	2019/8/17	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
125	M13	2019a-084-P	2019/8/17	19波束接收机	beam1	psr	Tracking
126	J1850+15	2019a-096-P	2019/8/17	19波束接收机	beam1-beam19	psr	Tracking
127	J1913+1330	2019a-096-P	2019/8/17	19波束接收机	beam1-beam19	psr	Tracking
128	NVSSJ202813+405242	2019a-002-S	2019/8/17	19波束接收机	beam1-beam19	psr	ON-OFF
129	NVSSJ202813+405242	2019a-002-S	2019/8/17	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
130	Dec+1043	3004/3049	2019/8/17	19波束接收机	beam1-beam19	psr	DriftWithAngle
131	Dec+1043	3004/3049	2019/8/17	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
132	M31_P24_N1	3047/3004	2019/8/18	19波束接收机	beam1-beam19	psr	Tracking
133	M31_P24_N1	3047/3004	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	Tracking
134	Stripe3	2019a-037-S	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
135	J1047+2124	2019a-124-C	2019/8/18	19波束接收机	beam1-beam19	psr	Tracking
136	4C+06.66	2019a-002-S	2019/8/18	19波束接收机	beam1-beam19	psr	ON-OFF
137	4C+06.66	2019a-002-S	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
138	CygX-S	2019a-050-SC	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping
139	M31_P24_N2	3047/3004	2019/8/18	19波束接收机	beam1-beam19	psr	Tracking
140	M31_P24_N2	3047/3004	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	Tracking
141	Dec+1105	3004/3049	2019/8/18	19波束接收机	beam1-beam19	psr	DriftWithAngle
142	Dec+1105	3004/3049	2019/8/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
143	M31_P24_N3	3047/3004	2019/8/19	19波束接收机	beam1-beam19	psr	Tracking
144	M31_P24_N3	3047/3004	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	Tracking
145	Stripe2	2019a-037-S	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
146	LEDA1718355	2019a-003-S	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
147	UGC8838	2019a-003-S	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
148	BTFIR1	2019a-003-S	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
149	EC0915	2019a-003-S	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
150	Dec+1127	3004/3049	2019/8/19	19波束接收机	beam1-beam19	psr	DriftWithAngle
151	Dec+1127	3004/3049	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
152	J1813-0852	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
153	J1804-0321	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
154	J1837-0219	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
155	J1925-0642	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
156	J2110-0242	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
157	J2230-0336	3045	2019/8/19	19波束接收机	beam1-beam19	psr	ON-OFF
158	M31_P24_N4	3047/3004	2019/8/19	19波束接收机	beam1-beam19	psr	Tracking
159	M31_P24_N4	3047/3004	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	Tracking
160	M31_P25_N1	3047/3004	2019/8/19	19波束接收机	beam1-beam19	psr	Tracking
161	M31_P25_N1	3047/3004	2019/8/19	19波束接收机	beam1-beam19	spec(W+N)	Tracking
162	M31_P25_N2	3047/3004	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
163	M31_P25_N2	3047/3004	2019/8/20	19波束接收机	beam1-beam19	spec(W+N)	Tracking
164	FRB190116_P1	2019a-130-P	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
165	FRB171019_P1	2019a-061-P	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
166	M31_P25_N3	3047/3004	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
167	M31_P25_N3	3047/3004	2019/8/20	19波束接收机	beam1-beam19	spec(W+N)	Tracking
168	M31_P25_N4	3047/3004	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
169	M31_P25_N4	3047/3004	2019/8/20	19波束接收机	beam1-beam19	spec(W+N)	Tracking
170	B1957+20	2019a-078-P	2019/8/20	19波束接收机	beam1-beam19	psr	Tracking
171	L1544	2019a-021-S	2019/8/21	19波束接收机	beam1-beam19	spec(W+N)	Tracking
172	FRB190116_P2	2019a-130-P	2019/8/21	19波束接收机	beam1-beam19	psr	Tracking
173	Dec+1149	3004/3049	2019/8/21	19波束接收机	beam1-beam19	psr	DriftWithAngle
174	Dec+1149	3004/3049	2019/8/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
175	J0357+3205	2019a-107-P	2019/8/21	19波束接收机	beam1	psr	Tracking
176	NVSSJ202813+405242	2019a-002-S	2019/8/21	19波束接收机	beam1-beam19	psr	ON-OFF
177	NVSSJ202813+405242	2019a-002-S	2019/8/21	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
178	FRB171019_P2	2019a-061-P	2019/8/21	19波束接收机	beam1-beam19	psr	Tracking
179	M31_P26_N1	3047/3004	2019/8/21	19波束接收机	beam1-beam19	psr	Tracking
180	M31_P26_N1	3047/3004	2019/8/21	19波束接收机	beam1-beam19	spec(W+N)	Tracking
181	M31_P26_N2	3047/3004	2019/8/21	19波束接收机	beam1-beam19	psr	Tracking

182	M31_P26_N2	3047/3004	2019/8/21	19波束接收机	beam1-beam19	spec (W+N)	Tracking
183	3C48_calibrator	2019a-123-C	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
184	A262_cluster	2019a-123-C	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
185	Stripe1	2019a-037-S	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
186	FRB190116_P2	2019a-130-P	2019/8/22	19波束接收机	beam1-beam19	psr	Tracking
187	Dec+1212	3004/3049	2019/8/22	19波束接收机	beam1-beam19	psr	DriftWithAngle
188	Dec+1212	3004/3049	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
189	J1851+005	2019a-044-S	2019/8/22	19波束接收机	beam1-beam19	spec (W)	OnTheFlyMapping
190	G034. 39+00. 22	2019a-044-S	2019/8/22	19波束接收机	beam1-beam19	psr	TrackingWithAngle
191	G034. 39+00. 22	2019a-044-S	2019/8/22	19波束接收机	beam1-beam19	spec (W)	TrackingWithAngle
192	G034. 39+00. 22	2019a-044-S	2019/8/22	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
193	G034. 39+00. 22	2019a-044-S	2019/8/22	19波束接收机	beam1-beam19	spec (W)	OnTheFlyMapping
194	NVSSJ192301+141644	2019a-002-S	2019/8/22	19波束接收机	beam1-beam19	psr	ON-OFF
195	NVSSJ192301+141644	2019a-002-S	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
196	NVSSJ202813+405242	2019a-002-S	2019/8/22	19波束接收机	beam1-beam19	psr	ON-OFF
197	NVSSJ202813+405242	2019a-002-S	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
198	FRB171019_P3	2019a-061-P	2019/8/22	19波束接收机	beam1-beam19	psr	Tracking
199	M31_P26_N3	3047/3004	2019/8/22	19波束接收机	beam1-beam19	psr	Tracking
200	M31_P26_N3	3047/3004	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	Tracking
201	M31_P26_N4	3047/3004	2019/8/22	19波束接收机	beam1-beam19	psr	Tracking
202	M31_P26_N4	3047/3004	2019/8/22	19波束接收机	beam1-beam19	spec (W+N)	Tracking
203	Stripe5	2019a-037-S	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
204	0603+219	2019a-030-S	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
205	J0631+4147	2019a-082-P	2019/8/23	19波束接收机	beam1-beam19	psr	Tracking
206	PFUDS1	2019a-030-S	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
207	FRB190116_P3	2019a-130-P	2019/8/23	19波束接收机	beam1-beam19	psr	Tracking
208	Dec+1234	3004/3049	2019/8/23	19波束接收机	beam1-beam19	psr	DriftWithAngle
209	Dec+1234	3004/3049	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
210	J1813-0402	2019a-082-P	2019/8/23	19波束接收机	beam1	psr	Tracking
211	NVSSJ202807+405139	2019a-002-S	2019/8/23	19波束接收机	beam1-beam19	psr	ON-OFF
212	NVSSJ202807+405139	2019a-002-S	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
213	FRB171019_P4	2019a-061-P	2019/8/23	19波束接收机	beam1-beam19	psr	Tracking
214	M31_P27_N1	3047/3004	2019/8/23	19波束接收机	beam1-beam19	psr	Tracking
215	M31_P27_N1	3047/3004	2019/8/23	19波束接收机	beam1-beam19	spec (W+N)	Tracking
216	CygXN	2019a-038-S	2019/8/24	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
217	0603+219	2019a-030-S	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
218	PFUDS1	2019a-030-S	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
219	219701	2019a-012-S	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
220	RXJ1308. 6+2127	2019a-095-P	2019/8/25	19波束接收机	beam1	psr	Tracking
221	Dec+1256	3004/3049	2019/8/25	19波束接收机	beam1-beam19	psr	DriftWithAngle
222	Dec+1256	3004/3049	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
223	G34. 26+4. 66	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Tracking
224	G34. 26+4. 66	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Tracking
225	G34. 26+4. 66	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Snapshot
226	G34. 26+4. 66	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Snapshot
227	G33. 33-0. 17	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Snapshot
228	G33. 33-0. 17	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Snapshot
229	G36. 60+2. 46	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Snapshot
230	G36. 60+2. 46	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Snapshot
231	G37. 39-0. 42	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Snapshot
232	G37. 39-0. 42	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Snapshot
233	G37. 39-0. 42	3055	2019/8/25	19波束接收机	beam1-beam19	psr	Tracking
234	G37. 39-0. 42	3055	2019/8/25	19波束接收机	beam1-beam19	spec (W)	Tracking
235	B2-2025+37	2019a-002-S	2019/8/25	19波束接收机	beam1-beam19	psr	ON-OFF
236	B2-2025+37	2019a-002-S	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
237	M31_P27_N4	3047/3004	2019/8/25	19波束接收机	beam1-beam19	psr	Tracking
238	M31_P27_N4	3047/3004	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	Tracking
239	M31_P28_N1	3047/3004	2019/8/25	19波束接收机	beam1-beam19	psr	Tracking
240	M31_P28_N1	3047/3004	2019/8/25	19波束接收机	beam1-beam19	spec (W+N)	Tracking
241	0603+219	2019a-030-S	2019/8/26	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
242	PFUDS1	2019a-030-S	2019/8/26	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping

243	Dec+1318	3004/3049	2019/8/26	19波束接收机	beam1-beam19	psr	DriftWithAngle
244	Dec+1318	3004/3049	2019/8/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
245	DA530	2019a-102-P	2019/8/26	19波束接收机	beam1	psr	Tracking
246	NVSSJ202709+392606	2019a-002-S	2019/8/26	19波束接收机	beam1-beam19	psr	ON-OFF
247	NVSSJ202709+392606	2019a-002-S	2019/8/26	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
248	M31_P28_N3	3047/3004	2019/8/26	19波束接收机	beam1-beam19	psr	Tracking
249	M31_P28_N3	3047/3004	2019/8/26	19波束接收机	beam1-beam19	spec(W+N)	Tracking
250	M31_P28_N2	3047/3004	2019/8/26	19波束接收机	beam1-beam19	psr	Tracking
251	M31_P28_N2	3047/3004	2019/8/26	19波束接收机	beam1-beam19	spec(W+N)	Tracking
252	Ring_Cloud	2019a-025-S	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	MultiBeamOTF
253	NVSSJ195500+271253	2019a-002-S	2019/8/27	19波束接收机	beam1-beam19	psr	ON-OFF
254	NVSSJ195500+271253	2019a-002-S	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
255	4C+29. 61	2019a-002-S	2019/8/27	19波束接收机	beam1-beam19	psr	ON-OFF
256	4C+29. 61	2019a-002-S	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
257	M31_P27_N2	3047/3004	2019/8/27	19波束接收机	beam1-beam19	psr	Tracking
258	M31_P27_N2	3047/3004	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	Tracking
259	M31_P27_N3	3047/3004	2019/8/27	19波束接收机	beam1-beam19	psr	Tracking
260	M31_P27_N3	3047/3004	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	Tracking
261	M31_P28_N4	3047/3004	2019/8/27	19波束接收机	beam1-beam19	psr	Tracking
262	M31_P28_N4	3047/3004	2019/8/27	19波束接收机	beam1-beam19	spec(W+N)	Tracking
263	W0231+2441	2019a-018-S	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
264	M13	2019a-084-P	2019/8/28	19波束接收机	beam1	psr	Tracking
265	PKS1958+25	2019a-002-S	2019/8/28	19波束接收机	beam1-beam19	psr	ON-OFF
266	PKS1958+25	2019a-002-S	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
267	4C+29. 61	2019a-002-S	2019/8/28	19波束接收机	beam1-beam19	psr	ON-OFF
268	4C+29. 61	2019a-002-S	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
269	M31_P29_N1	3047/3004	2019/8/28	19波束接收机	beam1-beam19	psr	Tracking
270	M31_P29_N1	3047/3004	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	Tracking
271	M31_P29_N2	3047/3004	2019/8/28	19波束接收机	beam1-beam19	psr	Tracking
272	M31_P29_N2	3047/3004	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	Tracking
273	M31_P29_N3	3047/3004	2019/8/28	19波束接收机	beam1-beam19	psr	Tracking
274	M31_P29_N3	3047/3004	2019/8/28	19波束接收机	beam1-beam19	spec(W+N)	Tracking
275	J0613+04	2019a-062-P	2019/8/29	19波束接收机	beam1-beam19	psr	Tracking
276	NVSSJ200109+331112	2019a-002-S	2019/8/29	19波束接收机	beam1-beam19	psr	ON-OFF
277	NVSSJ200109+331112	2019a-002-S	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
278	4C+31. 56	2019a-002-S	2019/8/29	19波束接收机	beam1-beam19	psr	ON-OFF
279	4C+31. 56	2019a-002-S	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
280	W2130+0830	2019a-018-S	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
281	W2212+2205	2019a-018-S	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
282	M31_P29_N4	3047/3004	2019/8/29	19波束接收机	beam1-beam19	psr	Tracking
283	M31_P29_N4	3047/3004	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	Tracking
284	M31_P30_N1	3047/3004	2019/8/29	19波束接收机	beam1-beam19	psr	Tracking
285	M31_P30_N1	3047/3004	2019/8/29	19波束接收机	beam1-beam19	spec(W+N)	Tracking
286	NVSSJ202241+400832	2019a-002-S	2019/8/30	19波束接收机	beam1-beam19	psr	ON-OFF
287	NVSSJ202241+400832	2019a-002-S	2019/8/30	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
288	M31_P29_N2	3047/3004	2019/8/30	19波束接收机	beam1-beam19	psr	Tracking
289	M31_P29_N2	3047/3004	2019/8/30	19波束接收机	beam1-beam19	spec(W+N)	Tracking
290	M31_P29_N3	3047/3004	2019/8/30	19波束接收机	beam1-beam19	psr	Tracking
291	M31_P29_N3	3047/3004	2019/8/30	19波束接收机	beam1-beam19	spec(W+N)	Tracking
292	M31_P29_N4	3047/3004	2019/8/30	19波束接收机	beam1-beam19	psr	Tracking
293	M31_P29_N4	3047/3004	2019/8/30	19波束接收机	beam1-beam19	spec(W+N)	Tracking
294	M13	2019a-084-P	2019/8/31	19波束接收机	beam1	psr	Tracking
295	NVSSJ200154+333414	2019a-002-S	2019/8/31	19波束接收机	beam1-beam19	psr	ON-OFF
296	NVSSJ200154+333414	2019a-002-S	2019/8/31	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
297	4C+33. 50	2019a-002-S	2019/8/31	19波束接收机	beam1-beam19	psr	ON-OFF
298	4C+33. 50	2019a-002-S	2019/8/31	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
299	Dec+1341	3004/3049	2019/8/31	19波束接收机	beam1-beam19	psr	DriftWithAngle
300	Dec+1341	3004/3049	2019/8/31	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
301	GRB190829A	2019a-132-0	2019/9/1	19波束接收机	beam1-beam19	psr	Tracking
302	J090325. 54+162256. 0	2019a-035-S	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
303	GASS109045	2019a-007-S	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF

304	W1423+2257	2019a-018-S	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
305	PTF10hgi	2019a-060-P	2019/9/1	19波束接收机	beam1	psr	Tracking
306	HB89J2005+403	2019a-002-S	2019/9/1	19波束接收机	beam1-beam19	psr	ON-OFF
307	HB89J2005+403	2019a-002-S	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
308	NVSSJ201528+371059	2019a-002-S	2019/9/1	19波束接收机	beam1-beam19	psr	ON-OFF
309	NVSSJ201528+371059	2019a-002-S	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
310	Dec+1403	3004/3049	2019/9/1	19波束接收机	beam1-beam19	psr	DriftWithAngle
311	Dec+1403	3004/3049	2019/9/1	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
312	l150-003_cali	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	Tracking
313	S07_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
314	S08_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
315	S09_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
316	S10_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
317	S11_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
318	S12_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
319	S13_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
320	S14_4636	2019a-036-S	2019/9/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
321	B2-2008+33	2019a-002-S	2019/9/4	19波束接收机	beam1-beam19	psr	ON-OFF
322	B2-2008+33	2019a-002-S	2019/9/4	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
323	Dec+1425	3004/3049	2019/9/4	19波束接收机	beam1-beam19	psr	DriftWithAngle
324	Dec+1425	3004/3049	2019/9/4	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
325	L1544	2019a_021-S	2019/9/5	19波束接收机	beam1-beam19	spec(W+N)	Tracking
326	L1544	2019a_021-S	2019/9/5	19波束接收机	beam1-beam19	spec(W+N)	TrackingWithAngle
327	Dec+1510	3004/3049	2019/9/5	19波束接收机	beam1-beam19	psr	DriftWithAngle
328	Dec+1510	3004/3049	2019/9/5	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
329	J1851+005	2019a-044-S	2019/9/5	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
330	G034.39+00.22	2019a-044-S	2019/9/5	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
331	G034.39+00.22	2019a-044-S	2019/9/5	19波束接收机	beam1-beam19	psr	MultiBeamOTF
332	G034.39+00.22	2019a-044-S	2019/9/5	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
333	Stripe4	2019a-037-S	2019/9/6	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
334	L1544	2019a-021-S	2019/9/6	19波束接收机	beam1-beam19	spec(W+N)	TrackingWithAngle
335	L1544	2019a-021-S	2019/9/6	19波束接收机	beam1-beam19	spec(W+N)	Tracking
336	Dec+1532	30043049	2019/9/6	19波束接收机	beam1-beam19	psr	DriftWithAngle
337	Dec+1532	30043049	2019/9/6	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
338	M13	2019a-084-P	2019/9/6	19波束接收机	beam1	psr	Tracking
339	RingCloud	2019a-025-S	2019/9/6	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
340	Stripe3	2019a-037-S	2019/9/7	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
341	0603+219	2019a-030-S	2019/9/7	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping
342	PFUDS1	2019a-030-S	2019/9/7	19波束接收机	beam1-beam19	spec(W+N)	Tracking
343	Dec+1554	3004/3049	2019/9/7	19波束接收机	beam1-beam19	psr	DriftWithAngle
344	Dec+1554	3004/3049	2019/9/7	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
345	3C48_calibrator	2019a-123-C	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
346	A262_cluster	2019a-123-C	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
347	GRB190829A	2019a-132-O	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
348	J0538+2817	3058	2019/9/8	19波束接收机	beam1	psr	Tracking
349	J0631+4147	2019a-082-P	2019/9/8	19波束接收机	beam1	psr	Tracking
350	l150-003_cali	2019a-036-S	2019/9/8	19波束接收机	beam1-beam19	spec(W)	Tracking
351	S09_4636	2019a-036-S	2019/9/8	19波束接收机	beam1-beam19	spec(W)	DriftWithAngle
352	S10_4636	2019a-036-S	2019/9/8	19波束接收机	beam1-beam19	spec(W)	DriftWithAngle
353	W1439+1702	2019a-018-S	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
354	J1811-0622	2019a-082-P	2019/9/8	19波束接收机	beam1	psr	Tracking
355	J1824-0622	2019a-082-P	2019/9/8	19波束接收机	beam1	psr	Tracking
356	J1912-0953	2019a-082-P	2019/9/8	19波束接收机	beam1	psr	Tracking
357	NVSSJ201452+263051	3002	2019/9/8	19波束接收机	beam1-beam19	psr	ON-OFF
358	NVSSJ201452+263051	3002	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
359	4C+44.37	3002	2019/9/8	19波束接收机	beam1-beam19	psr	ON-OFF
360	4C+44.37	3002	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
361	Dec+1617	3004/3049	2019/9/8	19波束接收机	beam1-beam19	psr	DriftWithAngle
362	Dec+1617	3004/3049	2019/9/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
363	Stripe2	2019a-037-S	2019/9/9	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
364	G174.06-15A1	2019a-020-S	2019/9/9	19波束接收机	beam1-beam19	spec(W)	Snapshot

365	G175.34-10.8	2019a-020-S	2019/9/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
366	G63-p1	3045	2019/9/9	19波束接收机	beam1-beam19	psr	ON-OFF
367	G63-p2	3045	2019/9/9	19波束接收机	beam1-beam19	psr	ON-OFF
368	G46.19+1.78	3055	2019/9/9	19波束接收机	beam1-beam19	psr	Tracking
369	G46.19+1.78	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	Tracking
370	G46.19+1.78	3055	2019/9/9	19波束接收机	beam1-beam19	psr	SnapShot
371	G46.19+1.78	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
372	G46.58+1.95	3055	2019/9/9	19波束接收机	beam1-beam19	psr	SnapShot
373	G46.58+1.95	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
374	G65.76+0.59	3055	2019/9/9	19波束接收机	beam1-beam19	psr	SnapShot
375	G65.76+0.59	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
376	G66.15+0.76	3055	2019/9/9	19波束接收机	beam1-beam19	psr	SnapShot
377	G66.15+0.76	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
378	G66.15+0.76	3055	2019/9/9	19波束接收机	beam1-beam19	psr	Tracking
379	G66.15+0.76	3055	2019/9/9	19波束接收机	beam1-beam19	spec(W)	Tracking
380	4C+36.41	3002	2019/9/9	19波束接收机	beam1-beam19	psr	ON-OFF
381	4C+36.41	3002	2019/9/9	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
382	19C3-p1	3045	2019/9/9	19波束接收机	beam1-beam19	psr	ON-OFF
383	19C3-p2	3045	2019/9/9	19波束接收机	beam1-beam19	psr	ON-OFF
384	Stripe1	2019a-037-S	2019/9/10	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
385	J0203-0150	2019a-082-P	2019/9/10	19波束接收机	beam1	psr	Tracking
386	J0631+4147	2019a-082-P	2019/9/10	19波束接收机	beam1	psr	Tracking
387	1C3492	2019a-003-S	2019/9/10	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
388	LEDA41840	2019a-003-S	2019/9/10	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
389	J1713+0747	3005	2019/9/10	19波束接收机	beam1	psr	Tracking
390	19C63-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
391	19C63-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
392	C31-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	Tracking
393	C31-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	Tracking
394	C31-p3	3045	2019/9/10	19波束接收机	beam1-beam19	psr	Tracking
395	C31-p4	3045	2019/9/10	19波束接收机	beam1-beam19	psr	Tracking
396	19C4-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
397	19C4-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
398	19C64-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
399	19C64-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
400	19C17-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
401	19C17-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
402	19C20-p1	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
403	19C20-p2	3045	2019/9/10	19波束接收机	beam1-beam19	psr	ON-OFF
404	Stripe5	2019a-037-S	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
405	G178.98-06.7	2019a-020-S	2019/9/11	19波束接收机	beam1-beam19	spec(W)	Tracking
406	05413-0104	2019a-020-S	2019/9/11	19波束接收机	beam1-beam19	spec(W)	Tracking
407	HH25MMS	2019a-020-S	2019/9/11	19波束接收机	beam1-beam19	spec(W)	Tracking
408	CB34i	2019a-020-S	2019/9/11	19波束接收机	beam1-beam19	spec(W)	Tracking
409	J0631+4147	2019a-082-P	2019/9/11	19波束接收机	beam1	psr	Tracking
410	GCPair_A_1	3057	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping
411	GCPair_A_2	3057	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping
412	GCPair_A_3	3057	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	OnTheFlyMapping
413	J1939+2134	3005	2019/9/11	19波束接收机	beam1	psr	Tracking
414	NVSSJ210701+421409	3002	2019/9/11	19波束接收机	beam1-beam19	psr	ON-OFF
415	NVSSJ210701+421409	3002	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
416	Dec+1639	3004/3049	2019/9/11	19波束接收机	beam1-beam19	psr	DriftWithAngle
417	Dec+1639	3004/3049	2019/9/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
418	NVSSJ185802+031316	3002	2019/9/12	19波束接收机	beam1-beam19	psr	ON-OFF
419	NVSSJ185802+031316	3002	2019/9/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
420	J0203-0150	2019a-082-P	2019/9/12	19波束接收机	beam1	psr	Tracking
421	FRB180301	2019a-129-P	2019/9/12	19波束接收机	beam1-beam19	psr	Tracking
422	4C+15.63	3002	2019/9/12	19波束接收机	beam1-beam19	psr	ON-OFF
423	4C+15.63	3002	2019/9/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
424	NVSSJ202227+401312	3002	2019/9/12	19波束接收机	beam1-beam19	psr	ON-OFF
425	NVSSJ202227+401312	3002	2019/9/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF

426	Dec+1701	3004/3049	2019/9/12	19波束接收机	beam1-beam19	psr	DriftWithAngle
427	Dec+1701	3004/3049	2019/9/12	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
428	NVSSJ202227+401312	3002	2019/9/13	19波束接收机	beam1-beam19	psr	ON-OFF
429	NVSSJ202227+401312	3002	2019/9/13	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
430	0541-056	2019a-004-S	2019/9/13	19波束接收机	beam1-beam19	spec (W)	OnTheFlyMapping
431	OrionA-Dec	2019a-004-S	2019/9/13	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
432	J0631+4147	2019a-082-P	2019/9/13	19波束接收机	beam1	psr	Tracking
433	G35.28+3.90	3055	2019/9/13	19波束接收机	beam1-beam19	psr	Tracking
434	G35.28+3.90	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	Tracking
435	G35.28+3.90	3055	2019/9/13	19波束接收机	beam1-beam19	psr	SnapShot
436	G35.28+3.90	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	SnapShot
437	G30.78+3.56	3055	2019/9/13	19波束接收机	beam1-beam19	psr	SnapShot
438	G30.78+3.56	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	SnapShot
439	G35.19-0.17	3055	2019/9/13	19波束接收机	beam1-beam19	psr	SnapShot
440	G35.19-0.17	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	SnapShot
441	G38.41-1.19	3055	2019/9/13	19波束接收机	beam1-beam19	psr	SnapShot
442	G38.41-1.19	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	SnapShot
443	G38.41-1.19	3055	2019/9/13	19波束接收机	beam1-beam19	psr	Tracking
444	G38.41-1.19	3055	2019/9/13	19波束接收机	beam1-beam19	spec (W)	Tracking
445	J2204+0945	2019a-082-P	2019/9/13	19波束接收机	beam1	psr	Tracking
446	Dec+1723	3004/3049	2019/9/13	19波束接收机	beam1-beam19	psr	DriftWithAngle
447	Dec+1723	3004/3049	2019/9/13	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
448	OrionA-RA	2019a-004-S	2019/9/14	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
449	J0631+4147	2019a-082-P	2019/9/14	19波束接收机	beam1	psr	Tracking
450	J0925+6102	2019a-082-P	2019/9/14	19波束接收机	beam1	psr	Tracking
451	M13	2019a-084-P	2019/9/14	19波束接收机	beam1	psr	Tracking
452	0541-056	2019a-004-S	2019/9/15	19波束接收机	beam1-beam19	spec (W)	OnTheFlyMapping
453	OrionA-Dec	2019a-004-S	2019/9/15	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
454	MaNGA2	2019a-007-S	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
455	NVSSJ192517+135919	3002	2019/9/15	19波束接收机	beam1-beam19	psr	ON-OFF
456	NVSSJ192517+135919	3002	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
457	NVSSJ202722+361215	3002	2019/9/15	19波束接收机	beam1-beam19	psr	ON-OFF
458	NVSSJ202722+361215	3002	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
459	J2001+0703	2019a-082-P	2019/9/15	19波束接收机	beam1	psr	Tracking
460	J2240+0255	2019a-082-P	2019/9/15	19波束接收机	beam1	psr	Tracking
461	GCPair_B_1	3057	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
462	GCPair_B_2	3057	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
463	GCPair_B_3	3057	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	OnTheFlyMapping
464	Dec+1746	3004/3049	2019/9/15	19波束接收机	beam1-beam19	psr	DriftWithAngle
465	Dec+1746	3004/3049	2019/9/15	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
466	Stripe4	2019a-037-S	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
467	Stripe3	2019a-037-S	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
468	Stripe2	2019a-037-S	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
469	Stripe1	2019a-037-S	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
470	Dec+1808	3004/3049	2019/9/16	19波束接收机	beam1-beam19	psr	DriftWithAngle
471	Dec+1808	3004/3049	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
472	J1813-0402	2019a-082-P	2019/9/16	19波束接收机	beam1	psr	Tracking
473	J1811-0622	2019a-082-P	2019/9/16	19波束接收机	beam1	psr	Tracking
474	J1824-0622	2019a-082-P	2019/9/16	19波束接收机	beam1	psr	Tracking
475	NVSSJ192559+210626	3002	2019/9/16	19波束接收机	beam1-beam19	psr	ON-OFF
476	NVSSJ192559+210626	3002	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
477	B2_2023+33	3002	2019/9/16	19波束接收机	beam1-beam19	psr	ON-OFF
478	B2_2023+33	3002	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
479	B2_2023+37	3002	2019/9/16	19波束接收机	beam1-beam19	psr	ON-OFF
480	B2_2023+37	3002	2019/9/16	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
481	Stripe5	2019a-037-S	2019/9/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
482	Stripe4	2019a-037-S	2019/9/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
483	Stripe3	2019a-037-S	2019/9/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
484	Stripe2	2019a-037-S	2019/9/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
485	Stripe1	2019a-037-S	2019/9/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
486	Dec+1830	3004/3049	2019/9/17	19波束接收机	beam1-beam19	psr	DriftWithAngle

487	Dec+1830	3004/3049	2019/9/17	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
488	J1813-0402	2019a-082-P	2019/9/17	19波束接收机	beam1	psr	Tracking
489	J1811-0622	2019a-082-P	2019/9/17	19波束接收机	beam1	psr	Tracking
490	J1824-0622	2019a-082-P	2019/9/17	19波束接收机	beam1	psr	Tracking
491	G30.54+4.66	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Tracking
492	G30.54+4.66	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Tracking
493	G30.54+4.66	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Snapshot
494	G30.54+4.66	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Snapshot
495	G35.14-0.59	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Snapshot
496	G35.14-0.59	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Snapshot
497	G37.09-2.97	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Snapshot
498	G37.09-2.97	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Snapshot
499	G42.38+0.93	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Snapshot
500	G42.38+0.93	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Snapshot
501	G42.38+0.93	3055	2019/9/17	19波束接收机	beam1-beam19	psr	Tracking
502	G42.38+0.93	3055	2019/9/17	19波束接收机	beam1-beam19	spec(W)	Tracking
503	J2054+0041	2019a-035-S	2019/9/17	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
504	Stripe5	2019a-037-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
505	Stripe4	2019a-037-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
506	Stripe3	2019a-037-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
507	Stripe2	2019a-037-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
508	Stripe1	2019a-037-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
509	J0925+6102	2019a-082-P	2019/9/18	19波束接收机	beam1	psr	Tracking
510	J1813-0402	2019a-082-P	2019/9/18	19波束接收机	beam1	psr	Tracking
511	J1912-0953	2019a-082-P	2019/9/18	19波束接收机	beam1	psr	Tracking
512	J1851+005	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
513	J1851+005	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
514	G034.39+00.22	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	psr	TrackingWithAngle
515	G034.39+00.22	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
516	G034.39+00.22	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	psr	MultiBeamOTF
517	G034.39+00.22	2019a-044-S	2019/9/18	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
518	J2054+0041	2019a-035-S	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
519	J2204+0945	2019a-082-P	2019/9/18	19波束接收机	beam1	psr	Tracking
520	Dec+1853	3004/3049	2019/9/18	19波束接收机	beam1-beam19	psr	DriftWithAngle
521	Dec+1853	3004/3049	2019/9/18	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
522	Stripe5	2019a-037-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
523	Stripe4	2019a-037-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
524	Stripe3	2019a-037-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
525	Stripe2	2019a-037-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
526	Stripe1	2019a-037-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
527	0541-056	2019a-004-S	2019/9/19	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
528	OrionA-Dec	2019a-004-S	2019/9/19	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
529	Dec+1915	3004/3049	2019/9/19	19波束接收机	beam1-beam19	psr	DriftWithAngle
530	Dec+1915	3004/3049	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
531	J0925+6102	2019a-082-P	2019/9/19	19波束接收机	beam1	psr	Tracking
532	J1851+005	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
533	J1851+005	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
534	G034.39+00.22	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	psr	TrackingWithAngle
535	G034.39+00.22	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
536	G034.39+00.22	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	psr	MultiBeamOTF
537	G034.39+00.22	2019a-044-S	2019/9/19	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
538	J2054+0041	2019a-035-S	2019/9/19	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
539	GRB190829A	2019a-132-0	2019/9/20	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
540	Dec+1937	3004/3049	2019/9/20	19波束接收机	beam1-beam19	psr	DriftWithAngle
541	Dec+1937	3004/3049	2019/9/20	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
542	Stripe5	2019a-037-S	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
543	Stripe4	2019a-037-S	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
544	Stripe3	2019a-037-S	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
545	Stripe2	2019a-037-S	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
546	Stripe1	2019a-037-S	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
547	J0925+6102	2019a-082-P	2019/9/21	19波束接收机	beam1	psr	Tracking

548	G021.26+12.12	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
549	G023.33+11.81	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
550	G093.69+09.99	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
551	G093.91+10.02	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
552	G094.08+09.46	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
553	G095.51+09.97	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
554	G095.11+06.50	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
555	G095.75+08.17	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
556	G095.97+08.17	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
557	G096.30+10.01	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
558	G096.37+10.29	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
559	G096.59+10.29	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
560	G096.94+10.25	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
561	G093.51-04.31	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
562	G097.20+09.87	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
563	G092.83-11.03	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
564	G095.29-09.66	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
565	G103.22-15.23	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
566	G107.51-09.36	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
567	G107.51-09.36	2019a-022-S	2019/9/21	19波束接收机	beam1-beam19	spec(W)	Tracking
568	Dec+1959	3004/3049	2019/9/21	19波束接收机	beam1-beam19	psr	DriftWithAngle
569	Dec+1959	3004/3049	2019/9/21	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
570	Stripe5	2019a-037-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
571	Stripe4	2019a-037-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
572	Stripe3	2019a-037-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
573	Stripe2	2019a-037-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
574	Stripe1	2019a-037-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
575	TMC1	2019a-021-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	Tracking
576	L1544off1	2019a-021-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	Tracking
577	B227	2019a-021-S	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	Tracking
578	J0925+6102	2019a-082-P	2019/9/22	19波束接收机	beam1	psr	Tracking
579	J1851+005	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
580	J1851+005	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
581	G034.39+00.22	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	psr	TrackingWithAngle
582	G034.39+00.22	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
583	G034.39+00.22	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	psr	MultiBeamOTF
584	G034.39+00.22	2019a-044-S	2019/9/22	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
585	19C66-p1	2019a-102-P	2019/9/22	19波束接收机	beam1-beam19	psr	ON-OFF
586	19C66-p2	2019a-102-P	2019/9/22	19波束接收机	beam1-beam19	psr	ON-OFF
587	J2204+0945	2019a-082-P	2019/9/22	19波束接收机	beam1	psr	Tracking
588	Dec+2022	3004/3049	2019/9/22	19波束接收机	beam1-beam19	psr	DriftWithAngle
589	Dec+2022	3004/3049	2019/9/22	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
590	Stripe5	2019a-037-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
591	Stripe4	2019a-037-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
592	Stripe3	2019a-037-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
593	Stripe2	2019a-037-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
594	Stripe1	2019a-037-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
595	J0357+3205	2019a-107-P	2019/9/23	19波束接收机	beam1	psr	Tracking
596	J0925+6102	2019a-082-P	2019/9/23	19波束接收机	beam1	psr	Tracking
597	J1022+1001	3005	2019/9/23	19波束接收机	beam1	psr	Tracking
598	LEDA99941	2019a-003-S	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
599	G31.27+4.58	3055	2019/9/23	19波束接收机	beam1-beam19	psr	Tracking
600	G31.27+4.58	3055	2019/9/23	19波束接收机	beam1-beam19	spec(W)	SnapShot
601	G40.76-0.17	3055	2019/9/23	19波束接收机	beam1-beam19	psr	SnapShot
602	G40.76-0.17	3055	2019/9/23	19波束接收机	beam1-beam19	spec(W)	SnapShot
603	G52.55-1.10	3055	2019/9/23	19波束接收机	beam1-beam19	psr	SnapShot
604	G52.55-1.10	3055	2019/9/23	19波束接收机	beam1-beam19	spec(W)	SnapShot
605	G57.20-2.71	3055	2019/9/23	19波束接收机	beam1-beam19	psr	SnapShot
606	G57.20-2.71	3055	2019/9/23	19波束接收机	beam1-beam19	spec(W)	SnapShot
607	G57.20-2.71	3055	2019/9/23	19波束接收机	beam1-beam19	psr	Tracking
608	G57.20-2.71	3055	2019/9/23	19波束接收机	beam1-beam19	spec(W)	Tracking

609	J2204+0945	2019a-082-P	2019/9/23	19波束接收机	beam1	psr	Tracking
610	Dec+2044	3004/3049	2019/9/23	19波束接收机	beam1-beam19	psr	DriftWithAngle
611	Dec+2044	3004/3049	2019/9/23	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
612	J0203-0150	2019a-082-P	2019/9/24	19波束接收机	beam1	psr	Tracking
613	Stripe5	2019a-037-S	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
614	Stripe4	2019a-037-S	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
615	Stripe3	2019a-037-S	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
616	Stripe2	2019a-037-S	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
617	Stripe1	2019a-037-S	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
618	J0631+4147	2019a-082-P	2019/9/24	19波束接收机	beam1	psr	Tracking
619	Dec+2106	3004/3049	2019/9/24	19波束接收机	beam1-beam19	psr	DriftWithAngle
620	Dec+2106	3004/3049	2019/9/24	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
621	J0925+6102	2019a-082-P	2019/9/24	19波束接收机	beam1	psr	Tracking
622	RingCloud	2019a-025-S	2019/9/24	19波束接收机	beam1-beam19	spec(W)	DriftWithAngle
623	J0203-0150	2019a-082-P	2019/9/25	19波束接收机	beam1	psr	Tracking
624	Stripe5	2019a-037-S	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
625	Stripe4	2019a-037-S	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
626	Stripe3	2019a-037-S	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
627	Stripe2	2019a-037-S	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
628	Stripe1	2019a-037-S	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
629	Dec+2128	3004/3049	2019/9/25	19波束接收机	beam1-beam19	psr	DriftWithAngle
630	Dec+2128	3004/3049	2019/9/25	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
631	J0925+6102	2019a-082-P	2019/9/25	19波束接收机	beam1	psr	Tracking
632	J1851+005	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
633	J1851+005	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
634	G034.39+00.22_off	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	psr	TrackingWithAngle
635	G034.39+00.22_off	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
636	G034.39+00.22	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	psr	MultiBeamOTF
637	G034.39+00.22	2019a-044-S	2019/9/25	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
638	NWSSJ194234+234956	3002	2019/9/25	19波束接收机	beam1-beam19	psr	ON-OFF
639	NWSSJ194234+234956	3002	2019/9/25	19波束接收机	beam1-beam19	spec(W)	ON-OFF
640	3C48_calibrator	2019a-123-C	2019/9/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
641	A262_cluster	2019a-123-C	2019/9/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
642	Dec+2151	3004/3049	2019/9/26	19波束接收机	beam1-beam19	psr	DriftWithAngle
643	Dec+2151	3004/3049	2019/9/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
644	J0925+6102	2019a-082-P	2019/9/26	19波束接收机	beam1	psr	Tracking
645	J1851+005	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
646	J1851+005	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
647	G034.39+00.22_off	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	psr	TrackingWithAngle
648	G034.39+00.22_off	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
649	G034.39+00.22	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	psr	MultiBeamOTF
650	G034.39+00.22	2019a-044-S	2019/9/26	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
651	4C+27.45	3002	2019/9/26	19波束接收机	beam1-beam19	psr	ON-OFF
652	4C+27.45	3002	2019/9/26	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
653	3C48_calibrator	2019a-123-C	2019/9/27	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
654	A262_cluster	2019a-123-C	2019/9/27	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
655	J0631+4147	2019a-082-P	2019/9/27	19波束接收机	beam1	psr	Tracking
656	Dec+2213	3004/3049	2019/9/27	19波束接收机	beam1-beam19	psr	DriftWithAngle
657	Dec+2213	3004/3049	2019/9/27	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
658	J0925+6102	2019a-082-P	2019/9/27	19波束接收机	beam1	psr	Tracking
659	J1851+005	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
660	J1851+005	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
661	G034.39+00.22_off	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	psr	TrackingWithAngle
662	G034.39+00.22_off	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
663	G034.39+00.22	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	psr	MultiBeamOTF
664	G034.39+00.22	2019a-044-S	2019/9/27	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
665	4C+13.74	3002	2019/9/27	19波束接收机	beam1-beam19	psr	ON-OFF
666	4C+13.74	3002	2019/9/27	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
667	3C48_calibrator	2019a-123-C	2019/9/28	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
668	A262_cluster	2019a-123-C	2019/9/28	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
669	J0631+4147	2019a-082-P	2019/9/28	19波束接收机	beam1	psr	Tracking

670	J1851+005	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	psr	OnTheFlyMapping
671	J1851+005	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
672	G034.39+00.22_off	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	psr	TrackingWithAngle
673	G034.39+00.22_off	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	spec(W)	TrackingWithAngle
674	G034.39+00.22	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	psr	MultiBeamOFF
675	G034.39+00.22	2019a-044-S	2019/9/28	19波束接收机	beam1-beam19	spec(W)	MultiBeamOFF
676	Dec+2235	3004/3049	2019/9/28	19波束接收机	beam1-beam19	psr	DriftWithAngle
677	Dec+2235	3004/3049	2019/9/28	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
678	4C+09.65	3002	2019/9/29	19波束接收机	beam1-beam19	psr	ON-OFF
679	4C+09.65	3002	2019/9/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
680	Dec+2258	3004/3049	2019/9/29	19波束接收机	beam1-beam19	psr	DriftWithAngle
681	Dec+2258	3004/3049	2019/9/29	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
682	4C+25.53	3002	2019/9/30	19波束接收机	beam1-beam19	psr	ON-OFF
683	4C+25.53	3002	2019/9/30	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
684	Dec+2320	3004/3049	2019/9/30	19波束接收机	beam1-beam19	psr	DriftWithAngle
685	Dec+2320	3004/3049	2019/9/30	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
686	W0231+2441	2019a-018-S	2019/10/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
687	W2212+2205	2019a-018-S	2019/10/1	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
688	Dec+2342	3004/3049	2019/10/1	19波束接收机	beam1-beam19	psr	DriftWithAngle
689	Dec+2342	3004/3049	2019/10/1	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
690	G176.86+0.76	3055	2019/10/2	19波束接收机	beam1-beam19	psr	Tracking
691	G176.86+0.76	3055	2019/10/2	19波束接收机	beam1-beam19	spec(W)	Tracking
692	G176.86+0.76	3055	2019/10/2	19波束接收机	beam1-beam19	psr	Snapshot
693	G176.86+0.76	3055	2019/10/2	19波束接收机	beam1-beam19	spec(W)	Snapshot
694	G204.05-1.95	3055	2019/10/2	19波束接收机	beam1-beam19	psr	Snapshot
695	G204.05-1.95	3055	2019/10/2	19波束接收机	beam1-beam19	spec(W)	Snapshot
696	G193.58+3.98	3055	2019/10/2	19波束接收机	beam1-beam19	psr	Snapshot
697	G193.58+3.98	3055	2019/10/2	19波束接收机	beam1-beam19	spec(W)	Snapshot
698	G193.58+3.98	3055	2019/10/2	19波束接收机	beam1-beam19	psr	Tracking
699	G193.58+3.98	3055	2019/10/2	19波束接收机	beam1-beam19	spec(W)	Tracking
700	W1408+1759	2019a-018-S	2019/10/2	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
701	W1423+2257	2019a-018-S	2019/10/2	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
702	Dec+2404	3004/3049	2019/10/2	19波束接收机	beam1-beam19	psr	DriftWithAngle
703	Dec+2404	3004/3049	2019/10/2	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
704	Dec+2427	3004/3049	2019/10/3	19波束接收机	beam1-beam19	psr	DriftWithAngle
705	Dec+2427	3004/3049	2019/10/3	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
706	Dec+2449	3004/3049	2019/10/4	19波束接收机	beam1-beam19	psr	DriftWithAngle
707	Dec+2449	3004/3049	2019/10/4	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
708	HESS_J0632+057	2019a-097-P	2019/10/5	19波束接收机	beam1-beam19	psr	Tracking
709	Dec+2511	3004/3049	2019/10/5	19波束接收机	beam1-beam19	psr	DriftWithAngle
710	Dec+2511	3004/3049	2019/10/5	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
711	J1713+0747	3005	2019/10/6	19波束接收机	beam1-beam19	psr	Tracking
712	J1939+2134	3005	2019/10/6	19波束接收机	beam1-beam19	psr	Tracking
713	Dec+2533	3004/3049	2019/10/6	19波束接收机	beam1-beam19	psr	DriftWithAngle
714	Dec+2533	3004/3049	2019/10/6	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
715	FRB180301	2019a-129-P	2019/10/7	19波束接收机	beam1-beam19	psr	Tracking
716	NVSSJ185320+011425	3002	2019/10/7	19波束接收机	beam1-beam19	psr	ON-OFF
717	NVSSJ185320+011425	3002	2019/10/7	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
718	NVSSJ203926+411959	3002	2019/10/7	19波束接收机	beam1-beam19	psr	ON-OFF
719	NVSSJ203926+411959	3002	2019/10/7	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
720	Dec+2556	3004/3049	2019/10/7	19波束接收机	beam1-beam19	psr	DriftWithAngle
721	Dec+2556	3004/3049	2019/10/7	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
722	FRB180301	2019a-129-P	2019/10/8	19波束接收机	beam1-beam19	psr	Tracking
723	C69	3045	2019/10/8	19波束接收机	beam1	psr	Tracking
724	19C25	3045	2019/10/8	19波束接收机	beam1	psr	Tracking
725	NVSSJ185320+011452	3002	2019/10/8	19波束接收机	beam1-beam19	psr	ON-OFF
726	NVSSJ185320+011452	3002	2019/10/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
727	NVSSJ203901+421941	3002	2019/10/8	19波束接收机	beam1-beam19	psr	ON-OFF
728	NVSSJ203901+421941	3002	2019/10/8	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
729	19C20	3045	2019/10/8	19波束接收机	beam1-beam19	psr	ON-OFF
730	C8	3045	2019/10/8	19波束接收机	beam1	psr	Tracking

731	Dec+2618	3004/3049	2019/10/8	19波束接收机	beam1-beam19	psr	DriftWithAngle
732	Dec+2618	3004/3049	2019/10/8	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
733	NVSSJ044903+450136	3002	2019/10/9	19波束接收机	beam1-beam19	psr	ON-OFF
734	NVSSJ044903+450136	3002	2019/10/9	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
735	NVSSJ052642+324958	3002	2019/10/9	19波束接收机	beam1-beam19	psr	ON-OFF
736	NVSSJ052642+324958	3002	2019/10/9	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
737	G31. 27+4. 58	3055	2019/10/9	19波束接收机	beam1-beam19	psr	Tracking
738	G31. 27+4. 58	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	Tracking
739	G31. 27+4. 58	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
740	G31. 27+4. 58	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
741	G32. 25+3. 39	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
742	G32. 25+3. 39	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
743	G35. 53-0. 42	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
744	G35. 53-0. 42	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
745	G39. 69+0. 17	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
746	G39. 69+0. 17	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
747	G44. 14+0. 08	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
748	G44. 14+0. 08	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
749	G53. 28-1. 19	3055	2019/10/9	19波束接收机	beam1-beam19	psr	SnapShot
750	G53. 28-1. 19	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	SnapShot
751	G53. 28-1. 19	3055	2019/10/9	19波束接收机	beam1-beam19	psr	Tracking
752	G53. 28-1. 19	3055	2019/10/9	19波束接收机	beam1-beam19	spec(W)	Tracking
753	Dec+2640	3004/3049	2019/10/9	19波束接收机	beam1-beam19	psr	DriftWithAngle
754	Dec+2640	3004/3049	2019/10/9	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
755	0506+18	3013	2019/10/10	19波束接收机	beam1-beam19	psr	Tracking
756	NVSSJ185320+011452	3002	2019/10/10	19波束接收机	beam1-beam19	psr	ON-OFF
757	NVSSJ185320+011452	3002	2019/10/10	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
758	RingCloud	2019a-025-S	2019/10/10	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
759	Dec+2702	3004/3049	2019/10/10	19波束接收机	beam1-beam19	psr	DriftWithAngle
760	Dec+2702	3004/3049	2019/10/10	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
761	J0538+2817	3058	2019/10/11	19波束接收机	beam1	psr	Tracking
762	NVSSJ192024+135513	3002	2019/10/11	19波束接收机	beam1-beam19	psr	ON-OFF
763	NVSSJ192024+135513	3002	2019/10/11	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
764	NVSSJ203231+401619	3002	2019/10/11	19波束接收机	beam1-beam19	psr	ON-OFF
765	NVSSJ203231+401619	3002	2019/10/11	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
766	Dec+2725	3004/3049	2019/10/11	19波束接收机	beam1-beam19	psr	DriftWithAngle
767	Dec+2725	3004/3049	2019/10/11	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
768	NVSSJ044903+450136	3002	2019/10/12	19波束接收机	beam1-beam19	psr	ON-OFF
769	NVSSJ044903+450136	3002	2019/10/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
770	J0538+2817	3058	2019/10/12	19波束接收机	beam1	psr	Tracking
771	NVSSJ192312+142653	3002	2019/10/12	19波束接收机	beam1-beam19	psr	ON-OFF
772	NVSSJ192312+142653	3002	2019/10/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
773	NVSSJ202141+372552	3002	2019/10/12	19波束接收机	beam1-beam19	psr	ON-OFF
774	NVSSJ202141+372552	3002	2019/10/12	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
775	Dec+2747	3004/3049	2019/10/12	19波束接收机	beam1-beam19	psr	DriftWithAngle
776	Dec+2747	3004/3049	2019/10/12	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
777	NVSSJ050441+380712	3002	2019/10/13	19波束接收机	beam1-beam19	psr	ON-OFF
778	NVSSJ050441+380712	3002	2019/10/13	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
779	NGC6712	3011	2019/10/13	19波束接收机	beam1-beam19	psr	Tracking
780	NVSSJ191421+110913	3002	2019/10/13	19波束接收机	beam1-beam19	psr	ON-OFF
781	NVSSJ191421+110913	3002	2019/10/13	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
782	NVSSJ202138+373110	3002	2019/10/13	19波束接收机	beam1-beam19	psr	ON-OFF
783	NVSSJ202138+373110	3002	2019/10/13	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
784	Dec+2809	3004/3049	2019/10/13	19波束接收机	beam1-beam19	psr	DriftWithAngle
785	Dec+2809	3004/3049	2019/10/13	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
786	NVSSJ050441+380712	3002	2019/10/14	19波束接收机	beam1-beam19	psr	ON-OFF
787	NVSSJ050441+380712	3002	2019/10/14	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
788	M92	2019a-114-P	2019/10/14	19波束接收机	beam1-beam19	psr	Tracking
789	M14	2019a-114-P	2019/10/14	19波束接收机	beam1-beam19	psr	Tracking
790	G31. 47+3. 05	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Tracking
791	G31. 47+3. 05	3055	2019/10/14	19波束接收机	beam1-beam19	spec(W)	Tracking

792	G31. 47+3. 05	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
793	G31. 47+3. 05	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
794	G33. 72-0. 00	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
795	G33. 72-0. 00	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
796	G36. 65-0. 34	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
797	G36. 65-0. 34	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
798	G41. 15-0. 00	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
799	G41. 15-0. 00	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
800	G47. 51+0. 34	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
801	G47. 51+0. 34	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
802	G56. 32-0. 68	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Snapshot
803	G56. 32-0. 68	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Snapshot
804	G56. 32-0. 68	3055	2019/10/14	19波束接收机	beam1-beam19	psr	Tracking
805	G56. 32-0. 68	3055	2019/10/14	19波束接收机	beam1-beam19	spec (W)	Tracking
806	Dec+2832	3004/3049	2019/10/14	19波束接收机	beam1-beam19	psr	DriftWithAngle
807	Dec+2832	3004/3049	2019/10/14	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
808	J1713+0747	3005	2019/10/15	19波束接收机	beam1	psr	Tracking
809	M92	2019a-114-P	2019/10/15	19波束接收机	beam1-beam19	psr	Tracking
810	M14	2019a-114-P	2019/10/15	19波束接收机	beam1-beam19	psr	Tracking
811	NVSSJ190146+011300	3002	2019/10/15	19波束接收机	beam1-beam19	psr	ON-OFF
812	NVSSJ190146+011300	3002	2019/10/15	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
813	NVSSJ202006+294212	3002	2019/10/15	19波束接收机	beam1-beam19	psr	ON-OFF
814	NVSSJ202006+294212	3002	2019/10/15	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
815	Dec+2854	3004/3049	2019/10/15	19波束接收机	beam1-beam19	psr	DriftWithAngle
816	Dec+2854	3004/3049	2019/10/15	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
817	J0453+1559	3011	2019/10/16	19波束接收机	beam1	psr	Tracking
818	NVSSJ190149+011242	3002	2019/10/16	19波束接收机	beam1-beam19	psr	ON-OFF
819	NVSSJ190149+011242	3002	2019/10/16	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
820	NVSSJ202006+294220	3002	2019/10/16	19波束接收机	beam1-beam19	psr	ON-OFF
821	NVSSJ202006+294220	3002	2019/10/16	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
822	Dec+2916	3004/3049	2019/10/16	19波束接收机	beam1-beam19	psr	DriftWithAngle
823	Dec+2916	3004/3049	2019/10/16	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
824	NGC6517	3011	2019/10/17	19波束接收机	beam1	psr	Tracking
825	J1829+2456	3011	2019/10/17	19波束接收机	beam1	psr	Tracking
826	NVSSJ190729+070754	3002	2019/10/17	19波束接收机	beam1-beam19	psr	ON-OFF
827	NVSSJ190729+070754	3002	2019/10/17	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
828	NVSSJ200147+333140	3002	2019/10/17	19波束接收机	beam1-beam19	psr	ON-OFF
829	NVSSJ200147+333140	3002	2019/10/17	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
830	Dec+2938	3004/3049	2019/10/17	19波束接收机	beam1-beam19	psr	DriftWithAngle
831	Dec+2938	3004/3049	2019/10/17	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
832	C8	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
833	SGR0418+5729	3059	2019/10/18	19波束接收机	beam1	psr	Tracking
834	SGR0501+4516	3059	2019/10/18	19波束接收机	beam1	psr	Tracking
835	C69	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
836	19C25	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
837	19C48	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
838	19C51	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
839	19C14	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
840	19C54	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
841	19C38	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
842	19C63	3045	2019/10/18	19波束接收机	beam1	psr	Tracking
843	J1906+0746	3011	2019/10/18	19波束接收机	beam1	psr	Tracking
844	NVSSJ200147+333256	3002	2019/10/18	19波束接收机	beam1-beam19	psr	ON-OFF
845	NVSSJ200147+333256	3002	2019/10/18	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
846	Dec+3001	3004/3049	2019/10/18	19波束接收机	beam1-beam19	psr	DriftWithAngle
847	Dec+3001	3004/3049	2019/10/18	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
848	PKS-candidate-p1	3045	2019/10/19	19波束接收机	beam1-beam19	psr	ON-OFF
849	PKS-candidate-p2	3045	2019/10/19	19波束接收机	beam1-beam19	psr	ON-OFF
850	NVSSJ190729+070922	3002	2019/10/19	19波束接收机	beam1-beam19	psr	ON-OFF
851	NVSSJ190729+070922	3002	2019/10/19	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
852	B1913+16	3011	2019/10/19	19波束接收机	beam1	psr	Tracking

853	Dec+3023	3004/3049	2019/10/19	19波束接收机	beam1-beam19	psr	DriftWithAngle
854	Dec+3023	3004/3049	2019/10/19	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
855	Dec+3045	3004/3049	2019/10/20	19波束接收机	beam1-beam19	psr	DriftWithAngle
856	Dec+3045	3004/3049	2019/10/20	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
857	NVSSJ190736+070837	3002	2019/10/21	19波束接收机	beam1-beam19	psr	ON-OFF
858	NVSSJ190736+070837	3002	2019/10/21	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
859	NVSSJ194647+251244	3002	2019/10/21	19波束接收机	beam1-beam19	psr	ON-OFF
860	NVSSJ194647+251244	3002	2019/10/21	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
861	M33	3047	2019/10/21	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
862	Dec+3107	3004/3049	2019/10/21	19波束接收机	beam1-beam19	psr	DriftWithAngle
863	Dec+3107	3004/3049	2019/10/21	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
864	J0701+07	3053	2019/10/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
865	J1518+4904	3011	2019/10/22	19波束接收机	beam1	psr	Tracking
866	B1534+12	3011	2019/10/22	19波束接收机	beam1	psr	Tracking
867	J1627. 7+3219	3045	2019/10/22	19波束接收机	beam1	psr	Tracking
868	NVSSJ190738+070721	3002	2019/10/22	19波束接收机	beam1-beam19	psr	ON-OFF
869	NVSSJ190738+070721	3002	2019/10/22	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
870	NVSSJ192349+143256	3002	2019/10/22	19波束接收机	beam1-beam19	psr	ON-OFF
871	NVSSJ192349+143256	3002	2019/10/22	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
872	Dec+3130	3004/3049	2019/10/22	19波束接收机	beam1-beam19	psr	DriftWithAngle
873	Dec+3130	3004/3049	2019/10/22	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
874	TMC1	2019a-021-S	2019/10/23	19波束接收机	beam1-beam19	spec (W+N)	Tracking
875	L1544off1	2019a-021-S	2019/10/23	19波束接收机	beam1-beam19	spec (W+N)	Tracking
876	NVSSJ191022+090451	3002	2019/10/23	19波束接收机	beam1-beam19	psr	ON-OFF
877	NVSSJ191022+090451	3002	2019/10/23	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
878	NVSSJ192334+142953	3002	2019/10/23	19波束接收机	beam1-beam19	psr	ON-OFF
879	NVSSJ192334+142953	3002	2019/10/23	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
880	NGC6934	3011	2019/10/23	19波束接收机	beam1	psr	Tracking
881	Palomar13	3011	2019/10/23	19波束接收机	beam1	psr	Tracking
882	M31_1	3047	2019/10/23	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
883	Whiting1	3011	2019/10/24	19波束接收机	beam1	psr	Tracking
884	Palomar2	3011	2019/10/24	19波束接收机	beam1	psr	Tracking
885	L1544off1	2019a-021-S	2019/10/24	19波束接收机	beam1-beam19	spec (W+N)	Tracking
886	C69	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
887	19C25	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
888	19C48	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
889	19C51	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
890	19C14	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
891	19C54	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
892	19C38	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
893	19C63	3045	2019/10/24	19波束接收机	beam1	psr	Tracking
894	NGC7006	3011	2019/10/24	19波束接收机	beam1	psr	Tracking
895	M31_2	3047	2019/10/24	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
896	Dec+3214	3004/3049	2019/10/24	19波束接收机	beam1-beam19	psr	DriftWithAngle
897	Dec+3214	3004/3049	2019/10/24	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
898	J0701+07	3053	2019/10/25	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
899	NGC6535	3011	2019/10/25	19波束接收机	beam1	psr	Tracking
900	NVSSJ191023+090550	3002	2019/10/25	19波束接收机	beam1-beam19	psr	ON-OFF
901	NVSSJ191023+090550	3002	2019/10/25	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
902	NGC6760	3011	2019/10/25	19波束接收机	beam1	psr	Tracking
903	Palomar10	3011	2019/10/25	19波束接收机	beam1	psr	Tracking
904	M31_3	3047	2019/10/25	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF
905	Dec+3237	3004/3049	2019/10/25	19波束接收机	beam1-beam19	psr	DriftWithAngle
906	Dec+3237	3004/3049	2019/10/25	19波束接收机	beam1-beam19	spec (W+N)	DriftWithAngle
907	G189. 6+03. 3	3011	2019/10/26	19波束接收机	beam1-beam19	psr	Tracking
908	G039. 2-00. 3	3011	2019/10/26	19波束接收机	beam1-beam19	psr	Tracking
909	NVSSJ191100+090601_on_off_ewns	3002	2019/10/26	19波束接收机	beam1-beam19	psr	ON-OFF
910	NVSSJ191100+090601_on_off_ewns	3002	2019/10/26	19波束接收机	beam1-beam19	spec (W+N)	ON-OFF
911	NGC6749	3011	2019/10/26	19波束接收机	beam1	psr	Tracking
912	G093. 7-00. 2	3011	2019/10/26	19波束接收机	beam1-beam19	psr	Tracking
913	M31_4	3047	2019/10/26	19波束接收机	beam1-beam19	spec (W)	MultiBeamOTF

914	Dec+3259	3004/3049	2019/10/26	19波束接收机	beam1-beam19	psr	DriftWithAngle
915	Dec+3259	3004/3049	2019/10/26	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
916	J1022+1001	3005	2019/10/27	19波束接收机	beam1	psr	Tracking
917	J1713+0747	3005	2019/10/27	19波束接收机	beam1	psr	Tracking
918	NVSSJ191103+090502_on_off_ewns	3002	2019/10/27	19波束接收机	beam1-beam19	psr	ON-OFF
919	NVSSJ191103+090502_on_off_ewns	3002	2019/10/27	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
920	J1939+2134	3005	2019/10/27	19波束接收机	beam1	psr	Tracking
921	M31_5	3047	2019/10/27	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
922	0059+001	3047	2019/10/27	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
923	Dec+3321	3004/3049	2019/10/27	19波束接收机	beam1-beam19	psr	DriftWithAngle
924	Dec+3321	3004/3049	2019/10/27	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
925	B1913+16	3005	2019/10/28	19波束接收机	beam1	psr	Tracking
926	NVSSJ191112+090539	3002	2019/10/28	19波束接收机	beam1-beam19	psr	ON-OFF
927	NVSSJ191112+090539	3002	2019/10/28	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
928	G109. 1-01. 0	3011	2019/10/28	19波束接收机	beam1-beam19	psr	Tracking
929	M31_6	3047	2019/10/28	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
930	0059+001	3047	2019/10/28	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
931	Dec+3343	3004/3049	2019/10/28	19波束接收机	beam1-beam19	psr	DriftWithAngle
932	Dec+3343	3004/3049	2019/10/28	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
933	NVSSJ040316+511815	3002	2019/10/29	19波束接收机	beam1-beam19	psr	ON-OFF
934	NVSSJ040316+511815	3002	2019/10/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
935	NVSSJ050443+380538	3002	2019/10/29	19波束接收机	beam1-beam19	psr	ON-OFF
936	NVSSJ050443+380538	3002	2019/10/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
937	G172. 8+01. 5	3011	2019/10/29	19波束接收机	beam1-beam19	psr	Tracking
938	3C409_on_off_ewns	3002	2019/10/29	19波束接收机	beam1-beam19	psr	ON-OFF
939	3C409_on_off_ewns	3002	2019/10/29	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
940	G107. 5-1. 5	3011	2019/10/29	19波束接收机	beam1-beam19	psr	Tracking
941	M31_1_0	3047	2019/10/29	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
942	0059+001	3047	2019/10/29	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
943	G141. 2+05. 0	3011	2019/10/30	19波束接收机	beam1-beam19	psr	Tracking
944	NVSSJ052642+324958	3002	2019/10/30	19波束接收机	beam1-beam19	psr	ON-OFF
945	NVSSJ052642+324958	3002	2019/10/30	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
946	M12	3011	2019/10/30	19波束接收机	beam1-beam19	psr	Tracking
947	Dec+3428	3004/3049	2019/10/30	19波束接收机	beam1-beam19	psr	DriftWithAngle
948	Dec+3428	3004/3049	2019/10/30	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
949	M31_2_0	3047	2019/10/30	19波束接收机	beam1-beam19	spec(W)	MultiBeamOTF
950	0059+001	3047	2019/10/30	19波束接收机	beam1-beam19	spec(W)	OnTheFlyMapping
951	G178. 2-04. 2	3011	2019/10/31	19波束接收机	beam1-beam19	psr	Tracking
952	Comap	3053	2019/10/31	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle
953	NVSSJ191408+111229	3002	2019/10/31	19波束接收机	beam1-beam19	psr	ON-OFF
954	NVSSJ191408+111229	3002	2019/10/31	19波束接收机	beam1-beam19	spec(W+N)	ON-OFF
955	G065. 7+01. 2	3011	2019/10/31	19波束接收机	beam1-beam19	psr	Tracking
956	Dec+3450	3004/3049	2019/10/31	19波束接收机	beam1-beam19	psr	DriftWithAngle
957	Dec+3450	3004/3049	2019/10/31	19波束接收机	beam1-beam19	spec(W+N)	DriftWithAngle

RA	DEC	GL	GB
07:38:06.15	+28:23:59.2		
13:46:39.18	-09:38:36.1		
20:33:40.00	+38:00:00.0		
05:20:00.00	+05:53:35.1		
05:20:00.00	+05:53:35.1		
02:40:09.12	-08:02:54.0		
03:33:24.06	+31:06:59.31		
03:46:51.18	+32:42:28.95		
04:04:47.50	+26:19:12.0		
04:24:12.70	+26:36:53.0		
04:29:25.19	+24:32:45.3		
04:40:32.71	+29:55:42.61		
07:38:06.15	+28:23:59.2		
15:39:32.16	+50:27:38.8		
15:39:32.16	+50:27:38.8		
18:56:12.0729	+07:53:40.2134		
18:56:12.0729	+07:53:40.2134		
19:01:01.4529	+04:12:08.3492		
19:01:01.4529	+04:12:08.3492		
05:20:00.00	+06:15:51.3		
05:20:00.00	+06:15:51.3		
02:09:38.53	-10:08:48.1		
02:09:31.71	-10:08:29.3		
02:09:22.85	-10:08:04.7		
02:24:07.97	+47:58:11.9		
03:19:48.18	+41:30:42.0		
03:25:05.37	+40:33:32.2		
04:02:32.47	+60:20:40.0		
04:30:33.09	+38:55:47.8		
04:33:59.95	-08:34:47.0		
05:07:44.84	-08:01:08.7		
05:21:06.53	-10:14:46.2		
05:16:55.96	+51:31:56.9		
06:57:34.41	+46:24:10.6		
07:27:37.62	-02:54:54.8		
05:31:58.7	+33:08:52.5		
09:15:55.10	+44:19:54.0		
09:35:51.59	61.21119		
09:36:34.02	+48:28:18.8		
10:03:59.57	-06:29:08.5		
11:21:10.26	-02:59:20.8		
11:03:53.98	+40:51:00.4		
11:28:32.35	+58:33:43.3		
12:57:14.25	+56:52:24.8		
12:25:03.90	-06:40:52.1		
13:38:17.52	+48:16:37.2		
13:44:42.12	+55:53:13.1		
14:19:43.27	+49:14:11.9		
15:18:06.24	+42:44:41.5		
16:11:40.84	+52:27:27.2		
16:19:11.75	-07:54:03.0		
16:42:40.11	-09:43:13.7		
16:54:23.72	-09:53:20.9		
16:58:27.81	+58:56:47.5		
17:14:20.45	+53:10:31.6		
17:16:35.68	-10:20:40.5		
18:00:28.61	-04:01:16.3		
18:33:36.00	+59:53:20.3		
19:32:22.30	-04:00:01.1		

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19:11:07.541	+09:06:49.8458		
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05:20:00.00	+06:38:07.5		
18:59:23.3998	+12:59:12.6973		
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05:20:00.00	+07:00:23.7		
05:20:00.00	+07:00:23.7		
12:49:00.00	+27:09:00.0		
+18:13:33.00	-04:02:33.0		
19:59:36.77	+20:48:15.12		
05:20:00.00	+07:22:39.9		
05:20:00.00	+07:22:39.9		
19:32:13.95	+10:59:32.4		
05:20:00.00	+07:44:56.1		
05:20:00.00	+07:44:56.1		
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05:20:00.00	+08:07:12.3		
05:20:00.00	+08:07:12.3		
02:40:09.12	-07:42:54.0		
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04:33:06.18	+25:58:41.1		
04:33:56.07	+24:10:26.5		
05:31:28.9	+12:30:20.8		
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05:20:00.00	+08:29:28.5		
05:20:00.00	+08:51:44.7		
05:20:00.00	+08:51:44.7		
06:31:58.00	+41:47:42.6		
09:25:38.5	+61:02:58.0		
10:45:00.00	+57:18:32.4		
13:46:39.18	-09:38:36.1		
12:49:00.00	+27:09:00.0		
05:20:00.00	+09:14:00.9		
05:20:00.00	+09:14:00.9		
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06:12:55.20	+04:38:52		
07:38:06.15	+28:23:59.2		
10:45:00.00	57:02:52.8		
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21:56:37.8636	+48:30:28.1836		
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05:20:00.00	+09:36:17.1		
02:40:09.12	-08:42:54.0		
09:10:31.50	+10:14:51.1		
21:18:52.5833	+49:36:58.6911		
21:18:52.5833	+49:36:58.6911		
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05:20:00.00	+09:58:33.3		
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09:43:33.78	+05:31:22.2		
14:35:12.93	+36:04:25.0		
18:51:16.72	+00:34:32.4		
18:53:18.77	+01:24:08.8		
18:55:59.83	+01:20:47.5		
21:08:22.4245	+49:36:37.2756		

21:08:22.4245	+49:36:37.2756		
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02:40:09.12	-08:22:54.0		
16:41:41.24	+36:27:35.5		
18:50:00	+15:00:00		
19:13:18	+13:30:32.8		
20:28:13.9871	+40:52:42.589		
20:28:13.9871	+40:52:42.589		
05:20:00.00	+10:43:05.7		
05:20:00.00	+10:43:05.7		
00:39:19.68	+39:42:38.4		
00:39:19.68	+39:42:38.4		
02:40:09.12	-08:02:54.0		
10:47:53.6	+21:24:22.5		
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05:20:00.00	+11:05:21.9		
05:20:00.00	+11:05:21.9		
00:39:27.34	+39:45:14.4		
00:39:27.34	+39:45:14.4		
02:40:09.12	-07:42:54.0		
11:41:23.7	+24:51:28.6		
13:55:38.7	+04:59:05.1		
15:47:12.9	+17:57:27.2		
15:49:39.4	+18:52:49.4		
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05:20:00.00	+11:27:38.1		
18:13:12.00	-08:52:17.0		
18:04:38.00	-03:21:03.0		
18:37:37.00	-02:19:37.0		
19:25:19.00	-06:42:52.2		
21:10:35.00	-02:42:39.0		
22:30:01.00	-03:36:00.0		
00:39:35.28	+39:42:38.4		
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00:37:27.56	+40:19:02.4		
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00:37:19.48	+40:21:38.4		
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00:37:35.22	+40:21:38.4		
00:37:43.30	+40:19:02.4		
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05:04:09.3	+25:14:08		
12:48:53.25	27:11:36.0		
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05:20:00.00	+11:49:54.3		
03:57:55.16	+32:05:23.6		
20:28:13.9871	+40:52:42.589		
20:28:13.9871	+40:52:42.589		
22:17:26.00	-08:42:08.0		
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00:37:29.66	+39:53:02.4		
00:37:21.63	+39:55:38.4		

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01:37:41.30	+33:09:35.1		
01:52:46.30	+36:09:11.8		
02:40:09.12	-07:22:54.0		
12:48:53.25	+27:11:36.0		
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18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
19:23:01.3255	+14:16:44.9192		
19:23:01.3255	+14:16:44.9192		
20:28:13.9871	+40:52:42.589		
20:28:13.9871	+40:52:42.589		
22:17:38.00	-08:42:08.0		
00:37:37.28	+39:55:38.4		
00:37:37.28	+39:55:38.4		
00:37:45.30	+39:55:02.4		
00:37:45.30	+39:55:02.4		
02:40:09.12	-08:42:54.0		
06:01:51.56	+21:49:24.5		
+06:31:58.00	+41:47:42.6		
08:16:07.21	+21:55:48.0		
12:49:06.74	+27:11:36.0		
05:20:00.00	+12:34:26.7		
05:20:00.00	+12:34:26.7		
18:13:33.00	-04:02:33.0		
20:28:07.3836	+40:51:39.1848		
20:28:07.3836	+40:51:39.1848		
22:17:44.20	-08:39:31.91		
00:37:31.71	+39:27:02.4		
00:37:31.71	+39:27:02.4		
20:44:00.00	+40:56:00.0		
06:01:51.56	+21:49:24.5		
08:16:07.21	+21:55:48.0		
11:54:47.7	+01:28:25.4		
13:08:48.70	+21:27:08.0		
05:20:00.00	+12:56:42.9		
05:20:00.00	+12:56:42.9		
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18:37:14.44	+03:17:54.45		
18:37:14.44	+03:17:54.45		
18:37:14.44	+03:17:54.45		
18:52:45.62	+00:16:25.25		
18:52:45.62	+00:16:25.25		
18:49:22.43	+04:23:12.82		
18:49:22.43	+04:23:12.82		
19:01:05.15	+03:46:11.39		
19:01:05.15	+03:46:11.39		
19:01:05.15	+03:46:11.39		
19:01:05.15	+03:46:11.39		
20:27:26.8185	+37:22:49.5884		
20:27:26.8185	+37:22:49.5884		
00:37:47.25	+39:27:02.4		
00:37:47.25	+39:27:02.4		
00:35:39.08	+40:03:26.4		
00:35:39.08	+40:03:26.4		
06:01:51.56	+21:49:24.5		
08:16:07.21	+21:55:48.0		

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05:20:00.00	+13:18:59.1		
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00:35:30.96	+40:06:02.4		
00:35:30.96	+40:06:02.4		
20:33:40.00	+38:00:00.0		
19:55:00.5484	+27:12:53.2487		
19:55:00.5484	+27:12:53.2487		
20:26:59.4884	+29:50:54.0655		
20:26:59.4884	+29:50:54.0655		
00:37:23.74	+39:29:38.4		
00:37:23.74	+39:29:38.4		
00:37:39.29	+39:29:38.4		
00:37:39.29	+39:29:38.4		
00:35:54.76	+40:03:26.4		
00:35:54.76	+40:03:26.4		
02:31:19.8	+24:41:23		
16:41:41.24	+36:27:35.5		
20:01:05.4309	+25:51:45.172		
20:01:05.4309	+25:51:45.172		
20:26:59.4884	+29:50:54.0655		
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00:35:41.84	+39:37:26.4		
00:35:33.77	+39:40:02.4		
00:35:33.77	+39:40:02.4		
00:35:49.36	+39:40:02.4		
00:35:49.36	+39:40:02.4		
06:12:55.20	+04:38:52.0		
20:01:09.8853	+33:11:12.104		
20:01:09.8853	+33:11:12.104		
20:23:19.0574	+31:53:02.7354		
20:23:19.0574	+31:53:02.7354		
21:30:05.2	+08:30:13		
22:12:59.3	+22:05:05		
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00:35:57.42	+39:37:26.4		
00:35:44.54	+39:11:26.4		
00:35:44.54	+39:11:26.4		
20:22:41.9461	+40:08:32.7066		
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00:35:41.84	+39:37:26.4		
00:35:41.84	+39:37:26.4		
00:35:33.77	+39:40:02.4		
00:35:33.77	+39:40:02.4		
00:35:49.36	+39:40:02.4		
00:35:49.36	+39:40:02.4		
16:41:41.24	+36:27:35.5		
20:01:54.4483	+33:34:14.5324		
20:01:54.4483	+33:34:14.5324		
20:17:13.0159	+33:45:46.5114		
20:17:13.0159	+33:45:46.5114		
05:20:00.00	+13:41:15.3		
05:20:00.00	+13:41:15.3		
02:58:10.580	-08:57:29.82		
09:03:25.54	+16:22:56.0		
09:25:15.4	+10:53:12.2		

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16:37:47.04	+06:12:32.3		
20:07:44.9618	+40:29:48.3454		
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20:15:28.7349	+37:10:59.8316		
20:15:28.7349	+37:10:59.8316		
05:20:00.00	+14:03:31.5		
05:20:00.00	+14:03:31.5		
11:50:43.87	-00:23:54.2		
12:27:46.80	+01:08:06.0		
12:27:46.80	+01:30:00.0		
12:27:46.80	+01:51:54.0		
12:27:46.80	+02:13:48.0		
12:27:46.80	+02:35:42.0		
12:27:46.80	+02:57:36.0		
12:27:46.80	+03:19:30.0		
12:27:46.80	+03:41:24.0		
20:10:49.7493	+33:22:13.5154		
20:10:49.7493	+33:22:13.5154		
05:20:00.00	+14:25:47.7		
05:20:00.00	+14:25:47.7		
05:04:09.3	+25:14:08		
05:04:09.3	+25:14:08		
05:20:00.00	+15:10:20.1		
05:20:00.00	+15:10:20.1		
18:51:16.72	+00:34:32.4		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
02:40:09.12	-08:22:54.0		
05:04:09.3	+25:14:08		
05:04:09.3	+25:14:08		
05:20:00.00	+15:32:36.3		
05:20:00.00	+15:32:36.3		
16:41:41.24	+36:27:35.5		
20:33:40.00	+38:00:00.0		
02:40:09.12	-08:02:54.0		
06:01:51.56	+21:49:24.5		
08:16:07.21	+21:55:48.0		
05:20:00.00	+15:54:52.5		
05:20:00.00	+15:54:52.5		
01:37:41.30	+33:09:35.1		
01:52:46.30	+36:09:11.8		
02:58:10.58	-08:57:29.82		
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06:31:58.00	+41:47:42.6		
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12:27:46.80	+01:51:54.0		
12:27:46.80	+02:13:48.0		
14:39:57.9	+17:02:17		
18:11:20.60	-06:22:42.6		
18:24:12.00	-06:22:02.0		
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20:14:52.7133	+26:30:51.6831		
20:58:28.7251	+44:46:17.0107		
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05:20:00.00	+16:17:08.7		
05:20:00.00	+16:17:08.7		
02:40:09.12	-07:42:54.0		
04:32:50.26	+24:23:55.7		

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15:55:49.00	+39:36:00.00		
15:55:56.80	+39:38:36.00		
19:09:30.97	+12:36:09.31		
19:09:30.97	+12:36:09.31		
19:09:30.97	+12:36:09.31		
19:09:30.97	+12:36:09.31		
19:09:38.28	+13:01:40.11		
19:09:38.28	+13:01:40.11		
19:54:41.08	+29:09:11.98		
19:54:41.08	+29:09:11.98		
19:54:56.79	+29:34:33.29		
19:54:56.79	+29:34:33.29		
19:54:56.79	+29:34:33.29		
19:54:56.79	+29:34:33.29		
20:40:30.0435	+36:30:17.9317		
20:40:30.0435	+36:30:17.9317		
+23:55:30.30	+00:49:42.7		
+23:55:36.30	+00:52:18.7		
02:40:09.12	-07:22:54.0		
02:03:32.00	-01:50:13.0		
06:31:58.00	+41:47:42.6		
12:33:19.77	+12:51:12.77		
12:34:35.0	+02:34:07.8		
17:13:49.53	+07:47:37.4		
20:27:32.00	+02:55:17.00		
20:27:38.01	+02:57:53.00		
19:25:19.00	-06:42:52.2		
19:25:31.08	-06:42:52.2		
19:25:12.96	-06:40:16.2		
19:25:25.04	-06:40:16.2		
19:29:18.00	+01:29:36.0		
19:29:24.00	+01:32:12.0		
20:16:03.00	+07:56:42.00		
20:16:09.06	+07:59:18.00		
20:01:59.40	+07:03:01.2		
20:02:05.44	+07:05:37.2		
23:07:24.00	-05:58:30.0		
23:07:17.97	-05:55:54.0		
02:40:09.12	-08:42:54.0		
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05:43:51.50	-01:02:52.0		
05:46:07.50	-00:13:35.7		
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06:31:58.00	+41:47:42.6		
15:21:50.00	+07:42:32.0		
15:21:50.00	+07:42:32.0		
15:21:50.00	+07:42:32.0		
19:39:38.56	+21:34:59.1		
21:07:01.7602	+42:14:09.7407		
21:07:01.7602	+42:14:09.7407		
05:20:00.00	+16:39:24.9		
05:20:00.00	+16:39:24.9		
18:58:02.3399	+03:13:16.1522		
18:58:02.3399	+03:13:16.1522		
02:03:32.00	-01:50:13.0		
06:12:43.4	+04:33:45.4		
19:04:51.4048	+15:21:48.4742		
19:04:51.4048	+15:21:48.4742		
20:22:27.1788	+40:13:12.1879		
20:22:27.1788	+40:13:12.1879		

05:20:00.00	+17:01:41.1		
05:20:00.00	+17:01:41.1		
20:22:27.1788	+40:13:12.1879		
20:22:27.1788	+40:13:12.1879		
05:41:08.08	-05:42:49.43		
05:35:21.76	-05:45:40.0		
06:31:58.00	+41:47:42.6		
18:41:49.58	+03:51:56.35		
18:41:49.58	+03:51:56.35		
18:41:49.58	+03:51:56.35		
18:41:49.58	+03:51:56.35		
18:34:51.09	-00:17:13.82		
18:34:51.09	-00:17:13.82		
18:56:09.16	+01:55:40.30		
18:56:09.16	+01:55:40.30		
19:05:41.46	+04:20:00.35		
19:05:41.46	+04:20:00.35		
19:05:41.46	+04:20:00.35		
19:05:41.46	+04:20:00.35		
22:04:33.00	+09:45:07		
05:20:00.00	+17:23:57.3		
05:20:00.00	+17:23:57.3		
05:34:36.60	-05:45:40.0		
06:31:58.00	+41:47:42.6		
09:25:38.54	+61:02:58.0		
16:41:41.24	+36:27:35.5		
05:41:08.08	-05:42:49.43		
05:35:21.76	-05:45:40.0		
09:31:06.7	+49:04:47.1		
19:25:17.2767	+13:59:19.4113		
19:25:17.2767	+13:59:19.4113		
20:27:22.2284	+36:12:15.1295		
20:27:22.2284	+36:12:15.1295		
20:01:51.54	+07:01:22.80		
20:27:29.40	+02:55:39.50		
23:17:10.00	+18:41:28.0		
23:17:10.00	+18:41:28.0		
23:17:10.00	+18:41:28.0		
05:20:00.00	+17:46:13.5		
05:20:00.00	+17:46:13.5		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
05:20:00.00	+18:08:29.7		
05:20:00.00	+18:08:29.7		
18:13:33.00	-04:02:33.00		
18:11:20.60	-06:22:42.60		
18:24:12.00	-06:22:02.00		
19:25:59.5409	+21:06:26.3858		
19:25:59.5409	+21:06:26.3858		
20:25:10.8356	+33:42:59.9969		
20:25:10.8356	+33:42:59.9969		
20:25:23.6086	+37:23:12.5938		
20:25:23.6086	+37:23:12.5938		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
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05:20:00.00	+18:30:45.9		
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18:30:29.23	-00:00:01.38		
18:30:29.23	-00:00:01.38		
18:30:29.23	-00:00:01.38		
18:57:34.31	+01:41:27.53		
18:57:34.31	+01:41:27.53		
19:09:35.79	+02:20:38.52		
19:09:35.79	+02:20:38.52		
19:05:26.37	+08:49:32.42		
19:05:26.37	+08:49:32.42		
19:05:26.37	+08:49:32.42		
19:05:26.37	+08:49:32.42		
20:54:49.61	+00:41:49.8		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
09:25:38.54	+61:02:58.0		
18:13:33.00	-04:02:33.0		
19:12:07.00	-09:53:34.0		
18:51:16.72	+00:34:32.4		
18:51:16.72	+00:34:32.4		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
20:54:49.61	+00:41:49.8		
22:04:33.00	+09:45:07.0		
05:20:00.00	+18:53:02.1		
05:20:00.00	+18:53:02.1		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
05:41:08.08	-05:42:49.43		
05:35:21.76	-05:45:40.0		
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05:20:00.00	+19:15:18.3		
09:25:38.54	+61:02:58.0		
18:51:16.72	+00:34:32.4		
18:51:16.72	+00:34:32.4		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
20:54:49.61	+00:41:49.8		
02:58:10.58	-08:57:29.82		
05:20:00.00	+19:37:34.5		
05:20:00.00	+19:37:34.5		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
09:25:38.54	+61:02:58.0		

17:46:54.19	-04:35:51.4		
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20:41:24.99	+57:33:22.4		
20:44:46.24	+58:59:14.7		
21:03:02.13	+56:29:14.8		
20:56:39.58	+58:03:19.4		
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20:47:50.92	+60:01:26.6		
20:49:47.93	+60:16:24.5		
21:45:00.01	+47:37:34.1		
20:53:29.55	+60:14:26.3		
22:05:41.29	+41:56:59.4		
22:12:00.39	+44:28:46.4		
23:04:48.15	+43:31:27.6		
23:13:52.32	+50:33:37.8		
23:13:52.32	+50:33:37.8		
05:20:00.00	+19:59:50.7		
05:20:00.00	+19:59:50.7		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
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05:04:31.4	+25:24:08		
06:07:28.4	+19:28:04		
09:25:38.54	+61:02:58.0		
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18:51:16.72	+00:34:32.4		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
19:34:19.00	+09:06:19.00		
19:34:25.07	+09:08:55.00		
22:04:33.00	+09:45:07.0		
05:20:00.00	+20:22:06.9		
05:20:00.00	+20:22:06.9		
02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
03:57:55.16	+32:05:23.6		
09:25:38.54	+61:02:58.0		
10:22:58.00	+10:01:52.8		
16:01:08.90	+41:52:50.77		
18:32:07.55	+00:36:41.05		
18:32:07.55	+00:36:41.05		
19:06:23.76	+06:53:09.27		
19:06:23.76	+06:53:09.27		
19:32:24.56	+16:51:28.52		
19:32:24.56	+16:51:28.52		
19:47:58.08	+20:06:26.04		
19:47:58.08	+20:06:26.04		
19:47:58.08	+20:06:26.04		
19:47:58.08	+20:06:26.04		

22:04:33.00	+09:45:07.0		
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05:20:00.00	+20:44:23.1		
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02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
06:31:58.0	+41:47:42.6		
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05:20:00.00	+21:06:39.3		
09:25:26.0	+61:02:58.0		
20:33:40.00	+38:00:00.0		
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02:40:09.12	-08:42:54.0		
02:40:09.12	-08:22:54.0		
02:40:09.12	-08:02:54.0		
02:40:09.12	-07:42:54.0		
02:40:09.12	-07:22:54.0		
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05:20:00.00	+21:28:55.5		
09:25:26.0	+61:02:58.0		
18:51:16.72	+00:34:32.4		
18:51:16.72	+00:34:32.4		
18:48:24.57	+01:48:44.2		
18:48:24.57	+01:48:44.2		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
19:42:34.1285	+23:49:56.7628		
19:42:34.1285	+23:49:56.7628		
01:37:41.30	+33:09:35.1		
01:52:46.30	+36:09:11.8		
05:20:00.00	+21:51:11.7		
05:20:00.00	+21:51:11.7		
09:25:26.0	+61:02:58.0		
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18:51:16.72	+00:34:32.4		
18:48:24.57	+01:48:44.2		
18:48:24.57	+01:48:44.2		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
19:40:39.5212	+27:30:38.0184		
19:40:39.5212	+27:30:38.0184		
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01:52:46.30	+36:09:11.8		
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05:20:00.00	+22:13:27.9		
09:25:26.0	+61:02:58.0		
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18:51:16.72	+00:34:32.4		
18:48:24.57	+01:48:44.2		
18:48:24.57	+01:48:44.2		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
19:33:02.2864	+13:13:35.1507		
19:33:02.2864	+13:13:35.1507		
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01:52:46.30	+36:09:11.8		
06:31:58.0	+41:47:42.6		

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18:51:16.72	+00:34:32.4		
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18:48:24.57	+01:48:44.2		
18:52:42.58	+00:35:24.5		
18:52:42.58	+00:35:24.5		
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05:20:00.00	+22:35:44.1		
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19:29:22.4802	+09:58:07.8785		
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19:32:50.0821	+25:59:05.1822		
05:20:00.00	+23:20:16.5		
05:20:00.00	+23:20:16.5		
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22:12:59.3	+22:05:05		
05:20:00.00	+23:42:32.7		
05:20:00.00	+23:42:32.7		
05:40:57.89	+32:00:45.88		
05:40:57.89	+32:00:45.88		
05:40:57.89	+32:00:45.88		
05:40:57.89	+32:00:45.88		
06:28:10.10	+06:59:42.34		
06:28:10.10	+06:59:42.34		
06:29:51.44	+19:00:50.71		
06:29:51.44	+19:00:50.71		
06:29:51.44	+19:00:50.71		
06:29:51.44	+19:00:50.71		
14:08:16.3	+17:53:50		
14:23:42.9	+22:57:29		
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05:20:00.00	+24:27:05.1		
05:20:00.00	+24:49:21.3		
05:20:00.00	+24:49:21.3		
06:32:59.26	+05:48:01.2		
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05:20:00.00	+25:11:37.5		
17:13:49.53	+07:47:37.4		
19:39:38.56	+21:34:59.1		
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18:53:20.3281	+01:14:25.964		
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05:20:00.00	+25:56:09.9		
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06:31:58.00	+41:47:42.58		
09:25:38.5	+61:02:58.00		
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18:53:20.6544	+01:14:52.618		
20:39:01.7404	+42:19:41.262		
20:39:01.7404	+42:19:41.262		
23:07:24.00	-05:58:30.0		
02:03:32.00	-01:50:13.00		

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05:26:42.5543	+32:49:58.1728		
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18:32:07.55	+00:36:41.05		
18:32:07.55	+00:36:41.05		
18:32:07.55	+00:36:41.05		
18:38:07.77	+00:56:19.48		
18:38:07.77	+00:56:19.48		
18:57:41.01	+02:06:59.40		
18:57:41.01	+02:06:59.40		
19:03:11.73	+06:05:07.09		
19:03:11.73	+06:05:07.09		
19:11:46.71	+09:59:53.11		
19:11:46.71	+09:59:53.11		
19:34:12.28	+17:27:32.82		
19:34:12.28	+17:27:32.82		
19:34:12.28	+17:27:32.82		
19:34:12.28	+17:27:32.82		
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05:20:00.00	+26:40:42.3		
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18:53:20.6544	+01:14:52.618		
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05:20:00.00	+27:02:58.5		
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19:20:24.8716	+13:55:13.371		
19:20:24.8716	+13:55:13.371		
20:32:31.3232	+40:16:19.516		
20:32:31.3232	+40:16:19.516		
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05:20:00.00	+27:25:14.7		
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04:49:03.8861	+45:01:36.237		
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19:23:12.3879	+14:26:53.938		
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20:21:41.6027	+37:25:52.013		
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05:20:00.00	+27:47:30.9		
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05:04:41.2915	+38:07:12.944		
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19:14:21.4541	+11:09:13.411		
20:21:38.6694	+37:31:10.029		
20:21:38.6694	+37:31:10.029		
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05:20:00.00	+28:09:47.1		
05:04:43.1618	+38:05:02.702		
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17:17:07	+43:08:09.4		
17:37:36	-03:14:45.3		
18:37:54.58	+00:05:19.53		
18:37:54.58	+00:05:19.53		

18:37:54.58	+00:05:19.53		
18:37:54.58	+00:05:19.53		
18:52:52.26	+00:41:57.23		
18:52:52.26	+00:41:57.23		
18:59:26.37	+03:09:21.69		
18:59:26.37	+03:09:21.69		
19:06:30.87	+07:18:40.82		
19:06:30.87	+07:18:40.82		
19:17:15.84	+13:06:17.47		
19:17:15.84	+13:06:17.47		
19:38:34.88	+20:21:15.96		
19:38:34.88	+20:21:15.96		
19:38:34.88	+20:21:15.96		
19:38:34.88	+20:21:15.96		
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05:20:00.00	+28:32:03.3		
17:13:49.53	+07:47:37.4		
17:17:07	+43:08:09.4		
17:37:36	-03:14:45.3		
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19:01:46.7366	+01:13:00.878		
20:20:06.5108	+29:42:12.904		
20:20:06.5108	+29:42:12.904		
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19:01:49.8694	+01:12:42.058		
19:01:49.8694	+01:12:42.058		
20:20:06.2767	+29:42:20.926		
20:20:06.2767	+29:42:20.926		
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05:20:00.00	+29:16:35.7		
18:01:51	-08:57:32		
18:29:34.6668	+24:56:18.193		
19:07:29.5139	+07:07:54.551		
19:07:29.5139	+07:07:54.551		
20:01:47.6111	+33:31:40.118		
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05:20:00.00	+29:38:51.9		
05:20:00.00	+29:38:51.9		
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04:18:33.867	+57:32:22.91		
05:01:06.76	+45:16:33.92		
06:31:58.00	+41:47:42.58		
09:25:38.5	+61:02:58.00		
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19:12:07.00	-09:53:34.00		
20:27:32.00	+02:55:17.00		
19:06:48.86	+07:46:25.9		
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20:01:47.2443	+33:32:56.936		
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19:14:43	+02:26:13		
19:14:49	+02:28:49		
19:07:29.5213	+07:09:22.225		
19:07:29.5213	+07:09:22.225		
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05:20:00.00	+30:45:40.4		
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19:07:36.0116	+07:08:37.646		
19:07:36.0116	+07:08:37.646		
19:46:47.9094	+25:12:44.917		
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05:20:00.00	+31:07:56.6		
07:01:00.0	+07:00:00.0		
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16:27:45.6	+32:19:16.7		
19:07:38.4942	+07:07:21.245		
19:07:38.4942	+07:07:21.245		
19:23:49.3737	+14:32:56.219		
19:23:49.3737	+14:32:56.219		
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19:10:22.4335	+09:04:51.188		
19:10:22.4335	+09:04:51.188		
19:23:34.7108	+14:29:53.542		
19:23:34.7108	+14:29:53.542		
20:34:11.0	+07:24:16.1		
23:06:44.0	+12:46:19.2		
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06:31:58.00	+41:47:42.58		
09:25:38.5	+61:02:58.00		
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18:11:20.60	-06:22:42.60		
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19:12:07.00	-09:53:34.00		
20:27:32.00	+02:55:17.00		
21:01:29	+16:11:14.4		
00:38:44.3503	+39:16:08.634		
05:20:00.00	+32:14:45.2		
05:20:00.00	+32:14:45.2		
07:01:00.0	+07:00:00.0		
18:03:51	-00:17:51.5		
19:10:23.9732	+09:05:50.660		
19:10:23.9732	+09:05:50.660		
19:11:12	+01:01:49.7		
19:18:02	+18:34:18		
00:34:44.3503	+39:16:08.634		
05:20:00.00	+32:37:01.4		
05:20:00.00	+32:37:01.4		
06:16:50.27	+22:28:15.0		
19:04:02.01	+05:27:55.3		
19:11:00.8211	+09:06:01.673		
19:11:00.8211	+09:06:01.673		
19:05:15	+01:54:03		
21:34:01.46	+51:08:07.7		
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19:11:03.9699	+09:05:02.379		
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19:15:27.99	+16:06:27.4		
19:11:12.792	+09:05:39.836		
19:11:12.792	+09:05:39.836		
23:01:14.46	+58:52:49.3		
00:34:44.3503	+38:16:08.634		
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05:20:00.00	+33:43:50.0		
05:20:00.00	+33:43:50.0		
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04:03:16.8963	+51:18:15.2125		
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05:37:57.51	+34:23:55.6		
20:14:27.596	+23:34:52.91		
20:14:27.596	+23:34:52.91		
22:52:03.8	+57:42:49		
00:18:44.33	+40:16:07.5		
00:57:05.51	+00:05:51.6		
03:37:12.8	+61:53:02		
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05:26:42.5543	+32:49:58.1728		
16:47:14.00	-01:56:54.7		
05:20:00.00	+34:28:22.4		
05:20:00.00	+34:28:22.4		
00:22:44.33	+41:16:07.5		
00:57:05.51	+00:05:51.6		
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19:14:08.3667	+11:12:29.5277		
19:52:17.02378	+29:25:51.8025		
05:20:00.00	+34:50:38.6		
05:20:00.00	+34:50:38.6		