

IPPSN 2020-21

Stem rust

IPPSN No.	Entry code	Entry	Mahabaleshwar	Wellington	Powarkheda	Niphad	Indore	Mean	HS
1	IPPSN2020-1	BWL7720	TMR	0	20MR	0	10MR	2.5	20MR
2	IPPSN2020-2	BWL7721	TMS	0	TR	0	20MR	1.8	20MR
3	IPPSN2020-3	BWL7722	20S	0	10MS	5S	20S	10.6	20S
4	IPPSN2020-4	BWL7723	10S	0	TR	20S	20MS	9.2	20S
5	IPPSN2020-5	BWL7724	20S	0	10MR	5S	20S	9.8	20S
6	IPPSN2020-6	BWL7725	TMS	0	20MS	0	10MR	4.2	20MS
7	IPPSN2020-7	BWL7726	TMR	0	20MS	0	10MR	4.1	20MS
8	IPPSN2020-8	BWL7727	20S	0	10MS	5S	40S	14.6	40S
9	IPPSN2020-9	BWL7728	30S	0	10MS	0	60S	19.6	60S
10	IPPSN2020-10	BWL7729	20S	0	10MS	40S	40S	21.6	40S
11	IPPSN2020-11	BWL7730	20S	5S	20S	30S	40S	23	40S
12	IPPSN2020-12	BWL7731	20S	0	10MR	0	40S	12.8	40S
13	IPPSN2020-13	BWL7732	10S	0	TR	20S	40S	14	40S
14	IPPSN2020-14	BWL7733	30S	0	20S	40S	60MS	27.6	60MS
15	IPPSN2020-15	BWL7734	10S	20S	TR	0	20MS	9.2	20S
16	IPPSN2020-16	BWL7735	30S	20S	20S	20S	60S	30	60S
17	IPPSN2020-17	BWL7736	5S	0	10MR	0	20MS	5	20MS
18	IPPSN2020-18	BWL7737	TMR	10S	TR	0	20MS	5.3	20MS
19	IPPSN2020-19	BWL7738	TMR	20S	10MR	0	20S	8.9	20S
20	IPPSN2020-20	BWL7739	TMR	10S	TR	0	20MS	5.3	20MS
20A	INFECTOR		60S	60S	100S	60S	100S	76	100S
21	IPPSN2020-21	BWL7740	TMS	10S	10MS	0	20MS	7	20MS
22	IPPSN2020-22	BWL7741	10S	40MS	TR	0	20MS	11.6	40MS
23	IPPSN2020-23	BWL7742	TMS	0	TR	0	20MR	1.8	20MR
24	IPPSN2020-24	BWL7743	TMR	0	0	0	10MR	0.9	10MR
25	IPPSN2020-25	BWL7744	20MS	0	TR	10MS	20MR	6.4	20MS
26	IPPSN2020-26	BWL7745	TMR	0	0	0	10MS	1.7	10MS
27	IPPSN2020-27	BWL7746	20S	20S	0	5S	40S	17	40S
28	IPPSN2020-28	BWL7747	20S	0	TR	10S	40S	14	40S
29	IPPSN2020-29	BWL7748	TS	10S	0	20S	40S	14.2	40S
30	IPPSN2020-30	BWL7749	TMR	20S	10MR	0	10MR	5.7	20S
31	IPPSN2020-31	BWL7750	20S	100S	10MR	10S	40S	34.8	100S
32	IPPSN2020-32	BWL7751	20S	100S	10MR	0	60S	36.8	100S
33	IPPSN2020-33	BWL7752	20MS	80S	0	0	20MS	22.4	80S
34	IPPSN2020-34	BWL7753	TMR	5S	0	0	0	1.1	5S
35	IPPSN2020-35	BWL7754	TMR	5S	TR	0	5MR	1.5	5S
36	IPPSN2020-36	BWL7755	TMR	5MR	0	10S	40MS	8.9	40MS
37	IPPSN2020-37	BWL7756	20MS	20S	TR	10S	40MS	15.6	40MS
38	IPPSN2020-38	BWL7757	20MS	0	0	10S	20MS	8.4	20MS
39	IPPSN2020-39	BWL7758	TMR	10S	0	20S	20MR	7.7	20S
40	IPPSN2020-40	BWL 7466	TMR	20S	TR	0	20S	8.1	20S
40A	INFECTOR		80S	60S	100S	60S	100S	80	100S
41	IPPSN2020-41	BWL 8231	20MS	20S	20S	5S	20MS	15.4	20S
42	IPPSN2020-42	BWL 8846	20MS	10S	10MS	TMS	10MR	7.8	20MS
43	IPPSN2020-43	BWL 8878	5S	60S	0	5S	20MS	17.2	60S
44	IPPSN2020-44	BWL 8946	TMR	10S	TR	5MS	10MR	3.7	10S
45	IPPSN2020-45	BWL 8965	TR	0	0	0	0	0	TR
46	IPPSN2020-46	BWL 9042	TMR	0	0	0	5MR	0.5	5MR
47	IPPSN2020-47	BWL 9074	20MS	20S	0	5S	10MR	9	20S
48	IPPSN2020-48	BWL 9107	10S	20S	20S	40S	40S	26	40S
49	IPPSN2020-49	BWL 9168	TMR	40S	TR	0	20MS	11.3	40S
50	IPPSN2020-50	BWL 9183	10S	40S	10MS	10S	40S	21.6	40S
51	IPPSN2020-51	BWL 9187	10S	10S	10MS	10MS	40S	15.2	40S
52	IPPSN2020-52	BWL 9228	TMR	5MR	0	0	10MR	1.3	10MR
53	IPPSN2020-53	BWL 9242	TMR	0	0	0	20MR	1.7	20MR
54	IPPSN2020-54	BWL 9244	20MS	10S	0	0	20MS	8.4	20MS
55	IPPSN2020-55	BWL 9264	30S	20S	20S	40S	60S	34	60S
56	IPPSN2020-56	BWL 9297	20S	60S	10MS	0	20S	21.6	60S
57	IPPSN2020-57	BWL 9304	30S	10S	0	10MS	40S	17.6	40S
58	IPPSN2020-58	BWL 9307	TMR	0	0	0	20MS	3.3	20MS
59	IPPSN2020-59	BWL 9312	TMR	0	0	0	10MS	1.7	10MS
60	IPPSN2020-60	BWL 9330	10S	10S	10MS	10S	40S	15.6	40S
60A	INFECTOR		60S	80S	100S	60S	100S	80	100S
61	IPPSN2020-61	BWL 9344	TMS	0	10MS	0	20MR	3.4	10MS
62	IPPSN2020-62	BWL 9421	10S	60S	TR	30S	40S	28	60S
63	IPPSN2020-63	BWL 9437	TR	0	0	0	5MR	0.4	5MR

64	IPPSN2020-64	BWL 9440	10S	0	0	20MS	40S	13.2	40S
65	IPPSN2020-65	BWL 9449	TMR	5S	0	10S	40S	11.1	40S
66	IPPSN2020-66	BWL 9453	5S	0	0	TS	20MS	4.4	20MS
67	IPPSN2020-67	BWL 9455	10MS	0	0	20S	40S	13.6	40S
68	IPPSN2020-68	BWL 9461	TMR	5S	TR	0	10MS	2.7	10MS
69	IPPSN2020-69	BWL 9472	TMR	0	0	0	10MS	1.7	10MS
70	IPPSN2020-70	BWL 9499	5S	5S	10MS	40S	40S	19.6	40S
71	IPPSN2020-71	BWL 9505	20MS	0	0	40S	40S	19.2	40S
72	IPPSN2020-72	BWL 9508	10S	10S	TR	40S	60S	24	60S
73	IPPSN2020-73	BWL 9509	10S	5S	TR	10MS	40S	12.6	40S
74	IPPSN2020-74	BWL 9512	20S	5S	20S	40S	60S	29	60S
75	IPPSN2020-75	BWL 9520	TMR	10S	TR	0	10MR	2.9	10S
76	IPPSN2020-76	BWL 9525	20MS	20S	10MR	10MS	40S	17.6	40S
77	IPPSN2020-77	BWL 9749	TMR	10S	TR	0	20MS	5.3	20MS
78	IPPSN2020-78	BWL 9752	TMR	5S	0	40S	20MS	12.3	40S
79	IPPSN2020-79	BWL 9755	TMR	5MR	TR	TMR	10MR	1.4	10MR
80	IPPSN2020-80	BWL 9758	20MS	10S	TR	TMS	20MS	8.6	20MS
80A	INFECTOR		60S	80S	100S	60S	100S	80	100S
81	IPPSN2020-81	BWL 9762	TMR	0	10MR	0	10MR	1.7	10MR
82	IPPSN2020-82	BWL 9799	10MR	40S	0	0	20MS	12	40S
83	IPPSN2020-83	BWL 9800	TMR	20S	20MS	0	10S	9.3	20S
84	IPPSN2020-84	BWL 9805	20MS	0	10MR	15MS	10MS	8	20MS
85	IPPSN2020-85	BWL 9851	20MS	5S	TR	20S	40S	16.2	40S
86	IPPSN2020-86	BWL 9869	TMR	5S	TR	0	5MS	1.9	5S
87	IPPSN2020-87	BWL 9889	10S	5S	20MR	10MS	60S	18.2	60S
88	IPPSN2020-88	BWL 9914	10MS	10S	10MR	20S	40S	16.4	40S
89	IPPSN2020-89	BWL 9915	TMS	20S	10MR	5MS	40MS	12.2	40MS
90	IPPSN2020-90	BWL 9916	20MS	10S	10MS	10MS	60S	20.4	60S
91	IPPSN2020-91	BWL 9921	TR	0	10MS	0	20S	5.6	20S
92	IPPSN2020-92	BWL 9922	TMR	20S	10MR	0	40MR	8.1	20S
93	IPPSN2020-93	BWL 9923	TMR	20S	TR	0	20MS	7.3	20S
94	IPPSN2020-94	BWL 9924	TMR	20S	10MR	0	0	4.9	20S
95	IPPSN2020-95	BWL 9925	10MR	5S	10MR	0	40S	10.6	40S
96	IPPSN2020-96	BWL 9926	TR	0	TR	0	10MR	0.9	10MR
97	IPPSN2020-97	BWL 9927	10S	100S	TR	10S	60S	36	100S
98	IPPSN2020-98	BWL 9928	10S	5S	10MS	20S	60S	20.6	60S
99	IPPSN2020-99	BWL 9929	TMR	10S	0	0	30MS	6.9	30MS
100	IPPSN2020-100	BWL 9930	20MS	10S	0	0	60S	17.2	60S
100A	INFECTOR		80S	100S	100S	40S	100S	84	100S
101	IPPSN2020-101	BWL 9931	10MS	40S	20MS	0	60S	24.8	60S
102	IPPSN2020-102	BWL 9932	TR	60S	TR	TMS	20MR	13.8	60S*
103	IPPSN2020-103	BWL 9933	TMR	10S	20MS	0	20MS	8.5	20MS
104	IPPSN2020-104	BWL 9934	TMR	80S	10MR	0	10MS	18.5	80S*
105	IPPSN2020-105	BWL 9935	30S	100S	40S	20S	80S	54	100S
106	IPPSN2020-106	BWL 9936	30S	100S	40S	40S	80S	58	100S
107	IPPSN2020-107	BWL 9937	TMR	40MS	TR	0	10MR	7.3	40MS
108	IPPSN2020-108	BWL 9938	TMR	20S	10MR	5MS	10MS	7.3	20S
109	IPPSN2020-109	BWL 9939	TR	100S	10MR	0	10MS	22.4	100S*
110	IPPSN2020-110	BWL 9940	TR	100S	0	0	20MS	23.2	100S
111	IPPSN2020-111	BWL 9941	TMR	80S	20MS	10S	20S	25.3	80S
112	IPPSN2020-112	BWL 9942	TMR	60S	10MR	10MS	10S	16.5	60S
113	IPPSN2020-113	BWL 9945	TR	0	20MS	10S	20S	9.2	20S
114	IPPSN2020-114	BWL 9946	TMS	20S	TR	10S	40S	14.2	40S
115	IPPSN2020-115	BWL 9948	TMR	40S	10MR	0	20S	12.9	40S
116	IPPSN2020-116	BWL 9949	TS	10S	TR	10MS	40S	11.8	40S
117	IPPSN2020-117	BWL 9951	10MS	0	20MS	15S	20MS	11	20MS
118	IPPSN2020-118	BWL 9954	TMS	10S	TR	0	10MS	3.8	10S
119	IPPSN2020-119	BWL 9958	TR	10S	TR	0	0	2.1	10S
120	IPPSN2020-120	BWL 9960	20S	40S	TR	10S	80S	30	80S
120A	INFECTOR		80S	80S	100S	60S	100S	84	100S
121	IPPSN2020-121	BWL 9962	TMS	0	TR	40S	30S	14.2	40S
122	IPPSN2020-122	BWL 9965	10S	10MS	10MS	0	40S	13.2	40S
123	IPPSN2020-123	BWL 9966	30S	10MS	10MS	20S	40S	21.2	40S
124	IPPSN2020-124	BWL9967	30S	60S	10MS	15MS	60S	34	60S
125	IPPSN2020-125	BWL9968	TMR	10S	10MS	0	20MR	5.3	10S
126	IPPSN2020-126	BWL9969	30S	10S	10MR	40S	40S	24.8	40S
127	IPPSN2020-127	BWL9970	TMR	10S	TR	20S	20MS	9.3	20S
128	IPPSN2020-128	BWL9971	30S	20S	0	60S	80S	38	80S
129	IPPSN2020-129	BWL9972	20S	60S	20MS	20S	80S	39.2	80S
130	IPPSN2020-130	BWL9973	20S	80S	0	20MS	60S	35.2	80S

131	IPPSN2020-131	BWL9974	TMR	60MS	TR	5MS	20MS	13.7	60MS
132	IPPSN2020-132	BWL9975	20S	10S	10MR	0	40S	14.8	40S
133	IPPSN2020-133	BWL9976	30S	40S	10S	60S	60S	40	60S
134	IPPSN2020-134	BWL9977	TR	20MS	0	5S	10MR	5	20MS
135	IPPSN2020-135	BWL9978	20S	20S	0	20S	60S	24	60S
136	IPPSN2020-136	BWL9979	20MS	80S	TR	0	40MS	25.6	80S
137	IPPSN2020-137	WG2107	TMS	0	0	5MS	20MS	4.2	20MS
138	IPPSN2020-138	WG2112	TR	0	0	0	5MS	0.8	5MS
139	IPPSN2020-139	WG2113	20MR	40S	0	20S	40S	21.6	40S
140	IPPSN2020-140	WG2115	10MS	5MS	10MR	20S	20S	11.2	20S
140A	INFECTOR		60S	80S	100S	80S	100S	84	100S
141	IPPSN2020-141	WG2120	5S	40S	20MS	0	40S	20.2	40S
142	IPPSN2020-142	WG2121	TMR	60S	40S	0	40S	28.1	60S
143	IPPSN2020-143	WG2130	10MS	10S	0	0	10MS	5.2	10S
144	IPPSN2020-144	WG2133	TMR	5S	0	5S	10MS	3.7	10MS
145	IPPSN2020-145	WG2152	TMR	10S	0	15S	40S	13.1	40S
146	IPPSN2020-146	WG2157	TR	5S	0	5MS	40S	9.8	40S
147	IPPSN2020-147	WG2173	5S	80S	10MS	40S	80S	42.6	80S
148	IPPSN2020-148	WG2176	20S	5S	10MS	20S	60S	22.6	60S
149	IPPSN2020-149	WG2194	TR	10S	10MR	0	TMS	3	10S
150	IPPSN2020-150	WG2195	TR	40MS	10MR	0	TMR	7.3	40MS
151	IPPSN2020-151	WG2205	TR	0	10MR	10MS	20MS	5.6	20MS
152	IPPSN2020-152	WG2206	TMR	20MS	0	0	0	3.3	20MS
153	IPPSN2020-153	WG2207	10S	60S	TR	0	20S	18	60S
154	IPPSN2020-154	WG2220	TMS	0	0	0	40S	8.2	40S
155	IPPSN2020-155	WG2233	TR	10S	TR	0	10S	4.1	10S
156	IPPSN2020-156	WG2248	TMR	5S	TR	0	40S	9.1	40S
157	IPPSN2020-157	WG2251	TMS	0	0	0	40S	8.2	40S
158	IPPSN2020-158	WG2296	TMR	5S	0	10S	40S	11.1	40S
159	IPPSN2020-159	WG2297	TMR	80S	0	20S	10S	22.1	80S
160	IPPSN2020-160	DWG2339	TR	100S	0	0	20MR	21.6	100S*
160A	INFECTOR		80S	100S	100S	40S	100S	84	100S
161	IPPSN2020-161	DWG2352	TMR	80S	40MS	0	40MS	28.9	80S
162	IPPSN2020-162	DWG2358	TR	100S	40MS	0	10MR	27.2	100S
163	IPPSN2020-163	DW574	TR	10MR	TR	0	20MR	2.5	20MR
164	IPPSN2020-164	DW575	TR	100S	40S	0	20MR	29.6	100S
165	IPPSN2020-165	DW576	TR	100S	40S	0	40S	36	100S
166	IPPSN2020-166	DW577	TR	100S	10MR	0	20MR	22.4	100S*
167	IPPSN2020-167	DW578	TR	100S	10MR	0	20MR	22.4	100S*
168	IPPSN2020-168	DW579	TMR	100S	TR	0	20S	24.1	100S
169	IPPSN2020-169	DW580	TR	100S	10MR	0	10MS	22.4	100S*
170	IPPSN2020-170	DW581	TR	100S	10MR	0	10MS	22.4	100S*
171	IPPSN2020-171	SKW-361	10MR	80S	TR	10MS	20MR	20	80S*
172	IPPSN2020-172	SKW-362	20S	80S	10MS	0	60S	33.6	80S
173	IPPSN2020-173	SKW-363	20MS	80S	TR	TMS	40S	27.4	80S
174	IPPSN2020-174	SKW-364	TMR	80S	TR	TMR	20MS	19.4	80S
175	IPPSN2020-175	SKW-365	TMR	5S	10MS	0	40S	10.7	40S
176	IPPSN2020-176	NWS2214	TMR	40S	10MR	0	40MS	15.3	40S
177	IPPSN2020-177	NWS2222	TMR	40S	10MS	5MS	20S	14.5	40S
178	IPPSN2020-178	VA 2019-14	TMR	10S	10MS	10S	40S	13.7	40S
179	IPPSN2020-179	VA 2019-06	TMR	20S	10MS	0	20MS	8.9	20S
180	IPPSN2020-180	VA 2019-03	TR	5MS	10MR	0	5R	1.8	5MS
180A	INFECTOR		60S	40S	100S	60S	100S	72	100S
181	IPPSN2020-181	VA 2019-15	TR	0	10MR	0	0	0.8	10MR
182	IPPSN2020-182	VA 2019-02	TR	0	10MR	R	10MR	1.7	10MR
183	IPPSN2020-183	VA 2019-10	TR	0	0	0	10MR	0.8	10MR
184	IPPSN2020-184	VA 2019-31	TR	0	TR	0	10MR	0.9	10MR
185	IPPSN2020-185	VA 2019-09	TR	0	TR	0	10MR	0.9	10MR
186	IPPSN2020-186	VA 2019-37	TR	0	0	0	5MR	0.4	5MR
187	IPPSN2020-187	VA 2019-34	TR	0	0	0	5R	0.2	5R
188	IPPSN2020-188	VA 2019-28	TR	0	10MR	0	10R	1.2	10MR
189	IPPSN2020-189	VA 2019-22	TR	0	10MR	20S	0	4.8	20S
190	IPPSN2020-190	VA 2019-24	TR	0	0	0	0	0	TR
191	IPPSN2020-191	VA 2019-21	TR	0	10MR	0	0	0.8	10MR
192	IPPSN2020-192	VA 2019-17	TR	0	0	0	0	0	TR
193	IPPSN2020-193	VA 2019-20	TR	0	0	0	10R	0.4	10R
194	IPPSN2020-194	VA 2019-23	TR	0	10MR	0	10MR	1.6	10MR
195	IPPSN2020-195	VA 2019-16	5S	10S	20MS	10MS	40MS	14.2	40MS
196	IPPSN2020-196	VD 2019-2	TR	0	0	0	TMR	0.1	TMR
197	IPPSN2020-197	VD 2019-4	TR	0	0	0	TMR	0.1	TMR

198	IPPSN2020-198	VD 2019-5	TR	0	10MR	0	TMR	0.9	10MR
199	IPPSN2020-199	VD 2019-3	TR	5S	TR	0	10MR	1.9	10MR
200	IPPSN2020-200	VD 2019-8	TR	20S	10MR	0	10MR	5.6	20S
200A	INFECTOR		80S	80S	100S	60S	100S	84	100S
201	IPPSN2020-201	VD 2019-1	TR	10S	40MS	0	10MS	10	40MS
202	IPPSN2020-202	J 19-35	TR	10S	40MS	0	20MR	10	40MS
203	IPPSN2020-203	J 19-36	TMR	5S	TR	0	20MS	4.3	20MS
204	IPPSN2020-204	J 19-29	TR	5S	TR	0	10MR	1.9	5S
205	IPPSN2020-205	J 19-20	TR	5MR	20MS	0	10MR	4.4	20MS
206	IPPSN2020-206	J 19-19	TR	5MR	10MS	TMS	5MR	2.6	10MS
207	IPPSN2020-207	J 19-33	TR	0	TR	R	5R	0.3	5R
208	IPPSN2020-208	J 19-03	TMR	10S	0	0	5MR	2.5	10S
209	IPPSN2020-209	JD 19-08	TMR	40S	20MS	0	20MR	12.9	40S
210	IPPSN2020-210	GW 1353	TR	10S	10MR	0	0	2.8	10S
211	IPPSN2020-211	DR-19-28	TR	20MS	10MR	0	0	4	20MS
212	IPPSN2020-212	DR-19-38	TMR	40S	10MR	0	5MR	9.3	40S
213	IPPSN2020-213	IPPSN-21-01	TMR	10S	TR	0	20MS	5.3	20MS
214	IPPSN2020-214	IPPSN-21-02	TR	60S	TR	0	0	12.1	60S*
215	IPPSN2020-215	IPPSN-21-03	TMS	10S	TR	0	20MS	5.4	20MS
216	IPPSN2020-216	IPPSN-21-04	TMR	80S	10MS	0	20MR	19.3	80S*
217	IPPSN2020-217	IPPSN-21-05	10S	40S	10MS	5S	20MS	15.8	40S
218	IPPSN2020-218	IPPSN-21-06	TMR	100S	10MS	0	10MS	23.3	100S*
219	IPPSN2020-219	IPPSN-21-07	10S	40S	40MS	5S	10MS	19	40S
220	IPPSN2020-220	IPPSN-21-08	10S	10MR	20MS	10S	20MS	11.2	20MS
220A	INFECTOR		80S	80S	100S	40S	100S	80	100S
221	IPPSN2020-221	IPPSN-21-09	5S	0	TR	0	5MS	1.8	5S
222	IPPSN2020-222	IPPSN-21-10	TMS	80S	0	0	10MS	17.8	80S*
223	IPPSN2020-223	IPPSN-21-11	TMR	80S	0	0	5S	17.1	80S*
224	IPPSN2020-224	IPPSN-21-12	TMR	60S	TR	0	40S	20.1	60S
225	IPPSN2020-225	IPPSN-21-13	TMR	100S	20MS	0	20S	27.3	100S
226	IPPSN2020-226	IPPSN-21-14	10S	100S	40MS	10S	40MS	36.8	100S
227	IPPSN2020-227	IPPSN-21-15	TR	80S	10MR	0	40S	24.8	80S
228	IPPSN2020-228	IPPSN-21-16	20MS	80S	60S	10S	40S	41.2	80S
229	IPPSN2020-229	IPPSN-21-17	TMR	20MS	10MR	0	20MS	7.3	20MS
230	IPPSN2020-230	IPPSN-21-18	TMR	80S	10MS	R	5R	17.9	80S*
231	IPPSN2020-231	IPPSN-21-19	20S	10MR	TR	0	60S	16.8	60S
232	IPPSN2020-232	IPPSN-21-20	10S	100S	TR	10MS	20MS	26.8	100S
233	IPPSN2020-233	IPPSN-21-21	TMR	80S	TR	0	20MR	17.7	80S*
234	IPPSN2020-234	IPPSN-21-22	TMR	60S	20MS	0	20MS	18.5	60S
235	IPPSN2020-235	IPPSN-21-23	20MS	80S	10MR	5S	40S	29	80S
236	IPPSN2020-236	IPPSN-21-24	TR	40S	TR	0	20MR	9.7	40S
237	IPPSN2020-237	IPPSN-21-25	TMR	80S	TR	0	20MS	19.3	80S
238	IPPSN2020-238	IPPSN-21-26	TMR	60S	TR	0	20MS	15.3	60S
239	IPPSN2020-239	IPPSN-21-27	20MS	80S	TR	0	30MS	24	80S
240	IPPSN2020-240	IPPSN-21-28	10S	80S	TR	30S	20S	28	80S
240A	INFECTOR		60S	80S	100S	60S	100S	80	100S
241	IPPSN2020-241	IPPSN-21-29	20S	0	TR	40S	40S	20	40S
242	IPPSN2020-242	IPPSN-21-30	20S	0	TR	20S	40S	16	40S
243	IPPSN2020-243	KA 2001	20MS	5MS	TR	20S	20MS	11.2	20S
244	IPPSN2020-244	KA 2002	10S	20MS	10MR	20MS	40S	17.2	40S
245	IPPSN2020-245	KA 2003	10S	20S	TR	20S	40S	18	40S
246	IPPSN2020-246	KA 2004	TMR	10S	TR	0	10MR	2.9	10S
247	IPPSN2020-247	KA 2005	TMR	5MR	TR	5S	5MR	1.9	5S
248	IPPSN2020-248	KA 2006	TMR	5S	10MR	0	5MR	2.3	10MR
249	IPPSN2020-249	KA 2007	20S	80S	40MS	5S	80S	43.4	80S
250	IPPSN2020-250	KA 2008	20S	10S	10MS	20S	40S	19.6	40S
251	IPPSN2020-251	KA 2009	10S	60S	TR	10S	60S	28	60S
252	IPPSN2020-252	KA 2010	20S	5MS	40MS	20S	80S	31.2	80S
253	IPPSN2020-253	KA 2011	TR	0	TR	10MS	10MR	2.5	10MS
254	IPPSN2020-254	KA 2012	20S	0	10MS	20S	40S	17.6	40S
255	IPPSN2020-255	KA 2013	20S	60S	40MS	10MS	80S	40	80S
256	IPPSN2020-256	KA 2014	20MS	20S	TR	10MS	10MS	10.4	20S
257	IPPSN2020-257	KA 2015	10S	10S	TR	20S	40S	16	20S
258	IPPSN2020-258	KA 2016	TMR	20S	TR	0	5MS	4.9	20S
259	IPPSN2020-259	KA 2017	TR	0	TR	20S	10MR	4.9	20S
260	IPPSN2020-260	KA 2018	5S	20S	10MR	0	40S	13.8	40S
260A	INFECTOR		80S	80S	100S	40S	100S	80	100S
261	IPPSN2020-261	KA 2019	10S	0	20MR	0	40S	11.6	40S
262	IPPSN2020-262	KA 2020	20MS	40S	TR	10MS	40S	20.8	40S
263	IPPSN2020-263	KA 2021	TMR	10S	TR	0	40MS	8.5	40MS

264	IPPSN2020-264	KA 2022	10S	20S	20MS	20MS	20MS	15.6	20S
265	IPPSN2020-265	KA 2023	20MS	80S	10MR	0	40MS	26.4	80S
266	IPPSN2020-266	KA 2024	20MS	0	TR	0	60S	15.2	60S
267	IPPSN2020-267	KA 2025	20S	5MR	10MR	15MS	60S	19.6	60S
268	IPPSN2020-268	KA 2026	10S	5MR	10MR	10S	40S	13.2	40S
269	IPPSN2020-269	KA 2027	TMR	5MR	TR	0	40MS	6.9	40MS
270	IPPSN2020-270	KA 2028	20S	5MR	10MR	20S	60S	21.2	60S
271	IPPSN2020-271	KA 2029	TMR	80S	TR	20S	40MS	26.5	80S
272	IPPSN2020-272	KA 2030	TR	0	TR	0	0	0.1	TR
273	IPPSN2020-273	KA 2031	TMR	0	0	0	20MS	3.3	20MS
274	IPPSN2020-274	KA 2032	TMR	40S	0	0	40MS	14.5	40S
275	IPPSN2020-275	KA 2033	TMR	10S	10MS	0	20S	7.7	20S
276	IPPSN2020-276	KA 2034	20MS	5MR	10MS	R	40MS	11.6	40MS
277	IPPSN2020-277	KA 2035	TR	10S	TR	0	20MR	3.7	10S
278	IPPSN2020-278	KA 2036	TMR	20S	10MR	0	20MR	6.5	20S
279	IPPSN2020-279	KA 2037	TMR	40S	0	0	40S	16.1	40S
280	IPPSN2020-280	KA 2038	TR	20S	10MR	0	0	4.8	20S
280A	INFECTOR		60S	80S	100S	40S	100S	76	100S
281	IPPSN2020-281	KA 2039	TMR	40S	TR	20S	0	12.1	40S
282	IPPSN2020-282	KA 2040	TMR	40S	TR	TMR	5MR	8.6	40S
283	IPPSN2020-283	KA 2041	20S	80S	0	5S	10S	23	80S
284	IPPSN2020-284	KA 2042	TMR	100S	0	5S	10MS	22.7	100S*
285	IPPSN2020-285	KA 2043	TMR	100S	0	0	5MS	20.9	100S*
286	IPPSN2020-286	KA 2044	5S	80S	10MS	10S	40S	28.6	80S
287	IPPSN2020-287	KA 2045	20S	20S	20MS	60S	80S	39.2	80S
288	IPPSN2020-288	AAI-W43	10S	60S	20MS	0	20MS	20.4	60S
289	IPPSN2020-289	AAI-W49	10S	100S	10MS	10MS	60S	37.2	100S
290	IPPSN2020-290	AAI-W52	20MS	40S	TR	10MS	40MR	16	40S
291	IPPSN2020-291	AAI-W47	20S	80S	100S	10MS	100S	61.6	100S
292	IPPSN2020-292	AAI-W42 (KSM)	30S	80S	20MS	40S	80S	49.2	80S
293	IPPSN2020-293	JKW 290	30S	80S	20S	20S	80S	46	80S
294	IPPSN2020-294	JKW 291	30S	60S	20S	10S	60S	36	60S
295	IPPSN2020-295	JKW 292	TMR	20S	10MR	0	40S	12.9	40S
296	IPPSN2020-296	JKW 293	20S	80S	10MR	20S	80S	40.8	80S
297	IPPSN2020-297	JKW 294	20S	80S	20MS	40S	60S	43.2	80S
298	IPPSN2020-298	JKW 295	20S	20S	20S	40S	80S	36	80S
299	IPPSN2020-299	JKW 296	30S	100S	10MS	40S	80S	51.6	100S
300	IPPSN2020-300	JKW 297	TMR	0	10MR	0	20S	4.9	20S
300A	INFECTOR		80S	80S	100S	80S	100S	88	100S
301	IPPSN2020-301	JKW 298	10S	0	20MS	0	40S	13.2	40S
302	IPPSN2020-302	JKW 299	20S	0	20MS	10S	60S	21.2	60S
303	IPPSN2020-303	JAUW 695	20MS	40S	TR	0	40MS	17.6	40S
304	IPPSN2020-304	JAUW 696	30MS	60S	10MS	0	40S	26.4	60S
305	IPPSN2020-305	JAUW 697	20S	80S	60S	20MS	60S	47.2	80S
306	IPPSN2020-306	JAUW 698	20MS	20S	20MS	20S	60S	26.4	60S
307	IPPSN2020-307	JAUW 699	10S	20S	20S	20MS	40S	21.2	40S
308	IPPSN2020-308	JAUW 700	10S	0	10MR	10S	60S	16.8	60S
309	IPPSN2020-309	JAUW 701	30S	0	10MS	20S	80S	27.6	80S
310	IPPSN2020-310	JAUW 702	5S	5S	20MS	0	40S	13.2	40S
311	IPPSN2020-311	JAUW 703	20S	10S	40S	20S	60S	30	60S
312	IPPSN2020-312	JAUW 704	20MS	10S	10MS	0	40S	14.8	40S
313	IPPSN2020-313	BRW 3903	10S	0	10MS	0	20S	7.6	20S
314	IPPSN2020-314	BRW 3904	10S	80S	0	TMR	40S	26.1	80S
315	IPPSN2020-315	BRW 3905	10S	40S	20MS	0	40S	21.2	40S
316	IPPSN2020-316	BRW 3906	20S	100S	60S	R	60S	48	100S
317	IPPSN2020-317	BRW 3907	30S	80S	60S	15S	80S	53	80S
318	IPPSN2020-318	BRW 3908	20S	10MR	20S	R	40S	16.8	40S
319	IPPSN2020-319	BRW 3909	TMR	5MR	10MS	0	20MS	5.3	20MS
320	IPPSN2020-320	BRW 3910	TR	10MR	20MS	0	TMR	4.1	20MS
320A	INFECTOR		80S	60S	100S	60S	100S	80	100S
321	IPPSN2020-321	BRW 3911	TR	5MR	TR	0	10MR	1.3	10MR
322	IPPSN2020-322	BRW 3912	20MS	0	20MS	0	20S	10.4	20S
323	IPPSN2020-323	BRW 3913	TMR	0	10MS	0	20MS	4.9	20MS
324	IPPSN2020-324	BRW 3914	TR	20S	0	0	10MR	4.8	20S
325	IPPSN2020-325	BRW 3915	20MS	10S	TR	0	40MS	11.6	40MS
326	IPPSN2020-326	BRW 3916	20S	60S	40S	40S	60S	44	60S
327	IPPSN2020-327	BRW 3917	10S	5MR	0	0	40S	10.4	40S
328	IPPSN2020-328	BRW 3918	10S	60S	40S	0	60S	34	60S
329	IPPSN2020-329	BRW 3919	20S	0	40MS	20MS	60S	25.6	60S
330	IPPSN2020-330	BRW 3920	30S	60S	20S	20S	80S	42	80S

331	IPPSN2020-331	BRW 3921	10S	10S	TR	0	40S	12	40S
332	IPPSN2020-332	BRW 3922	20S	20S	10MS	20MS	60S	24.8	60S
333	IPPSN2020-333	BRW 3923	10S	0	TR	0	20S	6	20S
334	IPPSN2020-334	BRW 3924	10S	20S	TR	20S	40S	18	40S
335	IPPSN2020-335	BRW 3925	20S	0	20MS	20S	60S	23.2	60S
336	IPPSN2020-336	BRW 3926	TR	0	0	0	5MR	0.4	5MR
337	IPPSN2020-337	BRW 3927	20MS	0	TR	R	20MS	6.5	20MS
338	IPPSN2020-338	LOK 2020- 1	30S	5MR	60S	20S	80S	38.4	80S
339	IPPSN2020-339	LOK 2020- 2	20S	5MR	10MS	0	40S	14	40S
340	IPPSN2020-340	LOK 2020- 3	TR	10S	0	R	20MR	3.7	10S
340A	INFECTOR		60S	80S	100S	60S	100S	80	100S
341	IPPSN2020-341	LOK 2020- 4	TR	10MR	TR	0	20MR	2.5	20MR
342	IPPSN2020-342	LOK 2020- 5	TR	0	TR	0	20MR	1.7	20MR
343	IPPSN2020-343	VW2001	10S	10MS	40S	60S	40S	31.6	60S
344	IPPSN2020-344	VW2002	TR	0	TR	0	0	0.1	TR
345	IPPSN2020-345	VW2003	20S	40S	TR	10S	60S	26	60S
346	IPPSN2020-346	VW2004	10S	0	10MR	5S	40MS	10.2	40MS
347	IPPSN2020-347	VW2005	20S	0	10MS	40S	60S	25.6	60S
348	IPPSN2020-348	VW2006	TMR	40S	10MR	0	10MS	10.5	40S
349	IPPSN2020-349	VW2007	5S	20S	TR	TS	40S	13.2	40S
350	IPPSN2020-350	VW2008	20MS	10S	TR	R	40S	13.3	40S
351	IPPSN2020-351	VW2009	10S	10S	0	20S	40S	16	40S
352	IPPSN2020-352	VW2011	TS	40S	10MR	20S	40S	21	40S
353	IPPSN2020-353	VW2012	TR	60S	10MR	0	5R	13	60S*
354	IPPSN2020-354	VW2014	TMR	0	10MR	0	10MR	1.7	10MR
355	IPPSN2020-355	VW2015	TMR	60S	0	0	10MS	13.7	60S*
356	IPPSN2020-356	VW2016	TMR	10S	0	0	20S	6.1	20S
357	IPPSN2020-357	VW2017	5S	0	0	10S	40S	11	40S
358	IPPSN2020-358	VW2018	TMR	40S	0	0	20S	12.1	40S
359	IPPSN2020-359	VW2020	10S	20S	0	20S	20MS	13.2	20S
360	IPPSN2020-360	VW2021	TS	40S	TR	0	10MR	9	40S
360A	INFECTOR		80S	80S	100S	60S	100S	84	100S
361	IPPSN2020-361	VW2022	20S	0	TR	0	40S	12	40S
362	IPPSN2020-362	VW2023	TMR	0	TR	0	0	0.1	TMR
363	IPPSN2020-363	VW2024	5S	20S	10MR	30S	40S	19.8	40S
364	IPPSN2020-364	VW2025	TMR	20MR	TR	0	20MS	4.9	20MS
365	IPPSN2020-365	VW2026	10S	40MR	10MR	5S	40MS	13.4	40MS
366	IPPSN2020-366	VW2027	5S	20MR	TR	TS	20S	6.8	20S
367	IPPSN2020-367	VW2028	TR	0	TR	0	0	0.1	TR
368	IPPSN2020-368	VW2030	TS	20S	10MR	0	40S	13	40S
369	IPPSN2020-369	VW2031	20MS	40S	10MS	TMR	40MS	19.3	40S
370	IPPSN2020-370	VW2032	20MS	10S	10MR	10S	40MS	14.4	40MS
371	IPPSN2020-371	VW2033	TMR	0	TR	0	20MS	3.3	20MS
372	IPPSN2020-372	VW2034	TMR	60MS	TR	R	10MS	11.4	60MS
373	IPPSN2020-373	VW2035	TMR	0	TR	0	20MS	3.3	20MS
374	IPPSN2020-374	VW2036	5S	20S	0	5MR	40S	13.4	40S
375	IPPSN2020-375	VW2038	TR	0	20MS	0	20MR	4.8	20MS
376	IPPSN2020-376	VW2040	TR	0	10MS	R	5MR	2.1	10MS
377	IPPSN2020-377	VW2041	20MS	0	10MS	0	20MS	8	20MS
378	IPPSN2020-378	VW2042	20MR	0	0	0	10MS	3.2	10MS
379	IPPSN2020-379	VW2043	10S	10S	10MS	5S	80S	22.6	80S
380	IPPSN2020-380	VW2045	TR	10MR	TR	0	20MS	4.1	20MS
380A	INFECTOR		80S	40S	100S	60S	100S	76	100S
381	IPPSN2020-381	VW2046	20MS	60MR	10MS	10MS	20MS	14.4	60MR
382	IPPSN2020-382	VW2048	10S	40MR	20S	20S	80S	29.2	80S
383	IPPSN2020-383	VW2050	10S	10S	0	5S	20S	9	20S
384	IPPSN2020-384	VW2051	10S	40MS	10MS	10S	40S	20	40S
385	IPPSN2020-385	VW2052	20S	60MR	10MS	5S	40S	19.4	40S
386	IPPSN2020-386	VW2053	20S	40MS	10MR	5S	60S	24.2	60S
387	IPPSN2020-387	VW2039	TMR	20MR	20MS	TMR	10MS	6.6	20MS
388	IPPSN2020-388	VW2029	20S	40S	20MS	20S	60S	31.2	60S
389	IPPSN2020-389	VW2037	TR	40S	10MR	0	TMR	8.9	40S
390	IPPSN2020-390	VW2010	10S	10S	40S	20S	80S	32	80S
391	IPPSN2020-391	VW2047	TR	0	10MR	0	10MR	1.6	10MR
392	IPPSN2020-392	VW2013	TMR	10MS	0	0	10MR	2.5	10MS
393	IPPSN2020-393	NIAW 4053	TMR	0	0	0	20MS	3.3	20MS
394	IPPSN2020-394	NIAW 4054	TR	0	0	0	10MS	1.6	10MS
395	IPPSN2020-395	NIAW 4052	TMR	10MR	10MR	0	20MS	4.9	20MS
396	IPPSN2020-396	NIAW 4113	TMR	10MR	20MR	0	20MR	4.1	20MR
397	IPPSN2020-397	NIAW 4130	TMR	10MR	TR	0	10MR	1.7	10MR

398	IPPSN2020-398	NIAW 4165	TMR	0	20MS	TS	20MR	5.1	20MS
399	IPPSN2020-399	NIAW 4118	TR	0	10MS	0	20MR	3.2	10MS
400	IPPSN2020-400	NIAW 4190	TMR	0	TR	0	0	0.1	TMR
400A	INFECTOR		80S	40S	100S	80S	100S	80	100S
401	IPPSN2020-401	NIAW 4172	TMR	10MR	TR	0	10MR	1.7	10MR
402	IPPSN2020-402	NIAW 4178	TMR	0	TR	0	20MR	1.7	20MR
403	IPPSN2020-403	NIAW 4197	TR	0	TR	0	10MR	0.9	10MR
404	IPPSN2020-404	NIAW 4179	TR	10MR	TR	0	20MR	2.5	20MR
405	IPPSN2020-405	NIAW 4120	TR	TR	TR	0	20MR	1.7	20MR
406	IPPSN2020-406	NIAW 4114	TR	TR	20MR	0	10MS	3.3	10MS
407	IPPSN2020-407	NIAW 4153	TR	TR	TR	0	10MR	0.9	10MR
408	IPPSN2020-408	NIAW 4040	TR	TR	TR	0	20MS	3.3	20MS
409	IPPSN2020-409	NIAW 4174	TR	5MR	10MR	0	10MR	2	10MR
410	IPPSN2020-410	NIAW 4183	TR	10MR	10MR	0	10MR	2.4	10MR
411	IPPSN2020-411	NIAW 4134	TR	10MR	TR	0	20MR	2.5	20MR
412	IPPSN2020-412	NIAW 4154	TR	10MR	TR	0	10MR	1.7	10MR
413	IPPSN2020-413	NIDW 1467	10S	20MS	60S	5S	40S	26.2	60S
414	IPPSN2020-414	NIDW 1485	TMR	20S	40S	0	20MR	13.7	40S
415	IPPSN2020-415	NIDW 1476	TMR	40S	40S	0	40MR	19.3	40S
416	IPPSN2020-416	NIDW 1491	20MR	80S	60S	0	40MS	36	80S
417	IPPSN2020-417	NIDW 1455	TMS	10S	40S	0	20S	14.2	40S
418	IPPSN2020-418	PW 2001	TR	TR	10MS	0	10MR	2.5	10MS
419	IPPSN2020-419	PW 2002	TR	TR	TR	0	0	0.1	TR
420	IPPSN2020-420	PW 2003	20MR	0	10MR	0	40MS	8.8	40MS
420A	INFECTOR		80S	60S	100S	60S	100S	80	100S
421	IPPSN2020-421	PW 2004	TR	0	10MS	TMR	5MR	2.1	10MS
422	IPPSN2020-422	PW 2005	20MS	0	10MR	0	40MS	10.4	40MS
423	IPPSN2020-423	PW 2006	TMR	0	20MS	0	20MR	4.9	20MS
424	IPPSN2020-424	PW 2007	20MS	TR	10MR	0	20S	8	20S
425	IPPSN2020-425	PW 2008	TR	10MR	20MS	R	0	4.1	20MS
426	IPPSN2020-426	PW 2009	20MS	5S	10MS	0	40MS	12.2	40MS
427	IPPSN2020-427	PW 2010	20MS	10S	60S	0	60S	29.2	60S
428	IPPSN2020-428	PW 2011	20MS	80S	10MR	0	40S	28	80S
429	IPPSN2020-429	PW 2012	10S	60S	10MR	10S	40S	24.8	60S
430	IPPSN2020-430	PW 2013	20S	60S	40S	20S	80S	44	80S
431	IPPSN2020-431	PW 2014	10S	40S	20MS	10S	20MS	18.4	40S
432	IPPSN2020-432	PW 2015	TMR	10S	TR	20S	20MS	9.3	20S
433	IPPSN2020-433	PW 2016	5S	10S	20MR	0	40S	12.6	40S
434	IPPSN2020-434	PW 2017	20MS	40S	TR	0	10MS	12.8	40S
435	IPPSN2020-435	PW 2018	TMR	10S	10MR	0	TMR	3	10S
436	IPPSN2020-436	PW 2019	20S	20MS	20MR	10S	60S	22.8	60S
437	IPPSN2020-437	DW 271	10MS	10MR	10MR	0	40S	11.2	40S
438	IPPSN2020-438	DW 272	TR	0	TR	0	TMR	0.2	TMR
439	IPPSN2020-439	DW 273	TR	10S	0	0	5MR	2.4	10S
440	IPPSN2020-440	DW 276	TMR	60S	0	0	20MR	13.7	60S*
440A	INFECTOR		60S	60S	100S	60S	100S	76	100S
441	IPPSN2020-441	DW 277	20MS	20MR	10MR	0	40MS	12	40MS
442	IPPSN2020-442	DW 278	5S	40MR	20MR	0	40S	13.8	40S
443	IPPSN2020-443	BW 282	NG	0	20MS	10S	40S	16.5	40S
444	IPPSN2020-444	BW 283	20MS	60MR	10MR	NG	NG	14.7	20MS
445	IPPSN2020-445	BW 287	NG	NG	10MR	NG	20MS	10	20MS
446	IPPSN2020-446	BW 288	TR	0	0	NG	10MR	1.1	10MR
447	IPPSN2020-447	BW 289	TMR	0	20MS	0	20MR	4.9	20MS
448	IPPSN2020-448	CG2001	TR	10S	10MS	0	40MS	10	40MS
449	IPPSN2020-449	CG2002	5S	5S	10MR	5S	60S	15.8	60S*
450	IPPSN2020-450	CG2003	5S	5S	10MR	5S	60S	15.8	60S*
451	IPPSN2020-451	CG2004	TMR	5S	20MR	0	40MS	9.1	40MS
452	IPPSN2020-452	CG2005	5S	TR	20MS	40S	40S	20.2	40S
453	IPPSN2020-453	CG2006	10S	60S	40MS	40S	80S	44.4	80S
454	IPPSN2020-454	CG2007	TMS	10S	10MR	0	10MS	4.6	10S
455	IPPSN2020-455	CG2008	TR	0	0	0	20MS	3.2	20MS
456	IPPSN2020-456	CG2009	TMR	0	TR	0	10MS	1.7	10MS
457	IPPSN2020-457	CG2010	10S	TR	10MR	TMR	40S	10.9	40S
458	IPPSN2020-458	CG2011	5S	TR	TR	0	20MS	4.3	20MS
459	IPPSN2020-459	CG2012	20MS	TR	TR	10MS	30S	10.9	30S
460	IPPSN2020-460	CG2013	10S	0	10MS	5S	40S	12.6	40S
460A	INFECTOR		80S	60S	100S	60S	100S	80	100S
461	IPPSN2020-461	CG2014	20MS	TR	TR	0	10MS	4.9	20MS
462	IPPSN2020-462	CG2015	10S	10S	10MR	0	40S	12.8	40S
463	IPPSN2020-463	UASD-2001	20S	20S	40S	20S	80S	36	80S

464	IPPSN2020-464	UASD-2002	20S	60S	40S	10S	80S	42	80S
465	IPPSN2020-465	UASD-2003	20S	60S	40S	10S	80S	42	80S
466	IPPSN2020-466	UASD-2004	20S	20MS	20MS	60S	80S	38.4	80S
467	IPPSN2020-467	UASD-2005	20S	20MS	TR	20S	80S	27.2	80S
468	IPPSN2020-468	UASD-2006	TMS	20MS	TR	10MS	40MS	11.4	40MS
469	IPPSN2020-469	UASD-2007	TMS	20S	10MR	0	40MS	11.4	40MS
470	IPPSN2020-470	UASD-2008	20S	60S	TR	R	60S	28.1	60S
471	IPPSN2020-471	UASD-2009	10S	60S	TR	0	40MS	20.4	60S
472	IPPSN2020-472	UASD-2010	TR	80S	0	0	20MR	17.6	80S*
473	IPPSN2020-473	UASD-2011	TR	100S	0	0	10MR	20.8	100S*
474	IPPSN2020-474	UASD-2012	TR	100S	10MR	0	20MR	22.4	100S*
475	IPPSN2020-475	UASD-2013	TR	100S	TR	0	20MS	23.3	100S
476	IPPSN2020-476	UASD-2014	TR	100S	TR	0	10MS	21.7	100S*
477	IPPSN2020-477	UASD-2015	TR	80S	TR	0	20MR	17.7	80S*
478	IPPSN2020-478	UASD-2016	TR	100S	TR	0	20MS	23.3	100S
479	IPPSN2020-479	UASD-2017	TR	80S	10MR	0	10MS	18.4	80S*
480	IPPSN2020-480	UASD-2018	TR	80S	10MR	0	20MR	18.4	80S*
480A	INFECTOR		80S	80S	100S	80S	100S	88	100S
481	IPPSN2020-481	UASD-2019	TR	0	40MS	0	20MR	8	40MS
482	IPPSN2020-482	UASD-2020	TR	10S	0	0	5MR	2.4	10S
483	IPPSN2020-483	UASD-2021	TMS	0	10MR	0	40S	9	40S
484	IPPSN2020-484	UASD-2022	TMR	TR	10MR	0	10MS	2.5	10MS
485	IPPSN2020-485	UASD-2023	10S	0	10MR	0	40S	10.8	40S
486	IPPSN2020-486	UASD-2024	10S	TR	0	5S	40MS	9.4	40MS
487	IPPSN2020-487	UASD-2025	10S	TR	0	5S	40MS	9.4	40MS
488	IPPSN2020-488	UASD-2026	10S	TR	0	15MS	40MS	10.8	40MS
489	IPPSN2020-489	UASD-2027	10MR	20S	TR	0	10MS	6.4	20S
490	IPPSN2020-490	UASD-2028	10MR	20S	TR	10MS	20MS	9.6	20S
491	IPPSN2020-491	UASD-2029	5S	40S	10MR	0	40MS	16.2	40S
492	IPPSN2020-492	UASD-2030	10S	40S	10MR	0	60S	22.8	60S
493	IPPSN2020-493	UASD-2031	20MS	40S	10MR	0	10S	14	40S
494	IPPSN2020-494	UASD-2032	NG	NG	NS	NS	NG	NS	NS
495	IPPSN2020-495	UASD-2033	20MR	40MR	20MR	0	40MR	9.6	40MR
496	IPPSN2020-496	UASD-2034	TR	0	20MR	0	5MR	2	20MR
497	IPPSN2020-497	UASD-2035	TR	0	TR	0	10MS	1.7	10MS
498	IPPSN2020-498	PBN 4881	10S	10MR	NS	5S	20MS	8.8	20MS
499	IPPSN2020-499	PBN 4357	10S	10MR	TR	TS	60S	15	60S
500	IPPSN2020-500	PBN 4905	10S	10MR	TR	5S	20S	7.8	20S
500A	INFECTOR		80S	40S	100S	60S	100S	76	100S
501	IPPSN2020-501	PBN 4888	20MS	10MR	20MS	10MS	20S	12.8	20S
502	IPPSN2020-502	PBN 4876-2	10MS	10MR	40S	0	40S	18.4	40S
503	IPPSN2020-503	MP 3553	10MS	10MR	20MS	0	40MS	12	40MS
504	IPPSN2020-504	MP 3554	TMR	0	20S	0	20MS	7.3	20S
505	IPPSN2020-505	MP 3555	20S	10S	20S	20S	80S	30	80S
506	IPPSN2020-506	MP 3556	10S	0	10MS	5S	40S	12.6	40S
507	IPPSN2020-507	MP 3557	20MR	40MR	TR	0	10MS	6.4	40MR
508	IPPSN2020-508	MP 3558	TMR	40MR	TR	0	10MR	4.1	40MR
509	IPPSN2020-509	MP 3559	TR	20S	TR	0	5MR	4.5	20S
510	IPPSN2020-510	MP 3560	20MS	20S	40MS	5S	40S	22.6	40S
511	IPPSN2020-511	MP 3561	10S	40S	TR	5S	40S	19	40S
512	IPPSN2020-512	MP 3562	10S	60MR	TR	10S	40S	16.8	40S
513	IPPSN2020-513	MP 3563	TMR	60S	TR	0	10MS	13.7	60S*
514	IPPSN2020-514	MP 3564	10MR	0	TR	0	5MS	1.6	5MS
515	IPPSN2020-515	MP 3565	10S	0	0	20S	60S	18	60S
516	IPPSN2020-516	MP 3566	20MS	0	0	0	20MR	4.8	20MS
517	IPPSN2020-517	MP 3567	10S	0	0	0	20MR	3.6	10S
518	IPPSN2020-518	NW-8028	TR	0	TR	5S	20S	5.1	20S
519	IPPSN2020-519	NW-8029	5S	0	10S	0	40S	11	40S
520	IPPSN2020-520	NW-8030	20S	TR	10MS	15MS	40S	16	40S
520A	INFECTOR		60S	60S	100S	60S	100S	76	100S
521	IPPSN2020-521	NW-8031	TMS	0	10MS	10MS	20S	7.4	20S
522	IPPSN2020-522	NW-8032	5S	0	10MR	5MS	40MS	9	40MS
523	IPPSN2020-523	NW-8033	10S	0	TR	20S	40S	14	40S
524	IPPSN2020-524	NW-8034	TR	0	10MR	0	5S	1.8	5S
525	IPPSN2020-525	NW-8035	TMR	20S	20MR	0	20MS	8.9	20S
526	IPPSN2020-526	NW-8036	TMR	0	10MS	0	10MS	3.3	10MS
527	IPPSN2020-527	NW-8037	TR	0	TR	0	10MS	1.7	10MS
528	IPPSN2020-528	NW-8038	10S	0	TR	30S	60S	20	60S
529	IPPSN2020-529	NW-8039	10S	20S	10MS	40S	60S	27.6	60S
530	IPPSN2020-530	NW-8040	20MS	0	TR	0	40S	11.2	40S

531	IPPSN2020-531	NW-8041	10S	60S	10MR	5S	80S	31.8	80S
532	IPPSN2020-532	NW-8042	10S	40S	10MS	10S	40S	21.6	40S
533	IPPSN2020-533	NW-8043	TMR	0	0	0	20MS	3.3	20MS
534	IPPSN2020-534	NW-8044	20MS	80S	10MR	0	5MR	20.4	80S
535	IPPSN2020-535	NW-8045	10S	0	TR	10S	40MS	10.4	40MS
536	IPPSN2020-536	NW-8046	10S	20MS	10MS	10MS	60S	20.4	60S
537	IPPSN2020-537	NW-8047	TR	10S	0	0	20MS	5.2	20MS
538	IPPSN2020-538	NW-8048	TR	0	0	0	0	0	TR
539	IPPSN2020-539	NW-8049	10S	40S	TR	10MS	40S	19.6	40S
540	IPPSN2020-540	NW-8050	TMR	60S	10MS	0	40MS	20.1	60S
540A	INFECTOR		80S	60S	100S	60S	100S	80	100S
541	IPPSN2020-541	NW-8051	TR	10S	20MR	0	40S	11.6	40S
542	IPPSN2020-542	NW-8052	TMR	0	10MR	5MS	20MS	4.9	20MS
543	IPPSN2020-543	KRL 2002	TR	20MS	0	TMR	20MS	6.5	20MS
544	IPPSN2020-544	KRL 2003	TMS	40MR	20MS	5S	40S	15.6	40S
545	IPPSN2020-545	KRL 2004	10MR	20MS	0	0	10MS	5.6	20MS
546	IPPSN2020-546	KRL 2005	TR	60MR	10MR	0	20MS	8.8	60MR
547	IPPSN2020-547	KRL 2007	TMS	20MR	TR	0	20MS	5	20MS
548	IPPSN2020-548	KRL 2008	5S	20S	20MS	5S	60S	21.2	60S
549	IPPSN2020-549	KRL 2009	5S	20S	20MS	5S	40S	17.2	40S
550	IPPSN2020-550	KRL 2010	10S	20S	10MS	0	80S	23.6	80S
551	IPPSN2020-551	KRL 2011	5S	40MR	TR	5S	40S	13.2	40S
552	IPPSN2020-552	KRL 2014	10S	60S	10MR	10S	60S	28.8	60S
553	IPPSN2020-553	KRL 2015	20MS	60S	TR	0	20S	19.2	60S
554	IPPSN2020-554	KRL 2016	5S	10MR	10MR	0	20MS	5.8	20MS
555	IPPSN2020-555	KRL 2019	10S	60S	10MS	5S	40MS	23	60S
556	IPPSN2020-556	KRL 2020	10S	10S	10MS	5S	40MS	13	40MS
557	IPPSN2020-557	KRL 2023	10S	60S	TR	0	60S	26	60S
558	IPPSN2020-558	KRL 2024	TMR	10S	TR	0	40MS	8.5	40MS
559	IPPSN2020-559	KRL 2026	20MS	60S	0	15MS	10MR	18.4	60S
560	IPPSN2020-560	KRL 2027	20MS	60S	10MR	0	20S	20	60S
560A	INFECTOR		80S	40S	100S	80S	100S	80	100S
561	IPPSN2020-561	KRL 2030	TMS	0	TR	0	20S	4.2	30S
562	IPPSN2020-562	KRL 2033	5S	10MR	10MR	0	20S	6.6	20S
563	IPPSN2020-563	KRL 2034	TR	20MR	0	0	10MS	3.2	10MS
564	IPPSN2020-564	KRL 2035	10S	20MR	0	10S	40S	13.6	40S
565	IPPSN2020-565	KRL 2036	20S	60MR	10MS	15S	60S	25.4	60S
566	IPPSN2020-566	KRL 2037	20MS	60MR	0	0	40MS	14.4	40MS
567	IPPSN2020-567	KRL 2038	10S	40S	TR	5S	40S	19	40S
568	IPPSN2020-568	11th HPYT 402	10S	40MR	10MR	10S	40S	16	40S
569	IPPSN2020-569	11th HPYT 403	20MR	10MR	0	0	40MS	8.8	40MS
570	IPPSN2020-570	11th HPYT 404	10S	40S	0	5S	20S	15	40S
571	IPPSN2020-571	11th HPYT 405	10S	20MR	0	10S	40S	13.6	40S
572	IPPSN2020-572	11th HPYT 406	TMS	10S	0	0	20MS	5.4	20MS
573	IPPSN2020-573	11th HPYT 407	10S	10MR	10MR	10MS	40S	13.2	40S
574	IPPSN2020-574	11th HPYT 408	20MS	20MR	TR	0	40MS	11.2	40MS
575	IPPSN2020-575	11th HPYT 409	20S	10S	10MS	10S	60S	21.6	60S
576	IPPSN2020-576	11th HPYT 410	20S	20MR	TR	5S	40S	14.6	40S
577	IPPSN2020-577	11th HPYT 411	20S	20MR	0	10S	60S	19.6	60S
578	IPPSN2020-578	11th HPYT 412	20MS	20MR	TR	0	40MS	11.2	40MS
579	IPPSN2020-579	11th HPYT 413	10S	60S	10MR	5S	40S	23.8	60S
580	IPPSN2020-580	11th HPYT 414	30S	60S	10MS	10S	80S	37.6	80S
580A	INFECTOR		80S	40S	100S	80S	100S	80	100S
581	IPPSN2020-581	11th HPYT 415	10S	40MR	10MR	5S	40MS	13.4	40MS
582	IPPSN2020-582	11th HPYT 416	10S	TR	10MS	10S	40S	13.6	40S
583	IPPSN2020-583	11th HPYT 417	10S	10MR	10MR	10S	5S	6.6	10S
584	IPPSN2020-584	11th HPYT 418	20MS	5MR	0	0	40MS	10	40MS
585	IPPSN2020-585	11th HPYT 419	20MS	20MR	TR	0	40MS	11.2	40MS
586	IPPSN2020-586	11th HPYT 420	20S	20MR	TR	20S	40S	17.6	40S
587	IPPSN2020-587	11th HPYT 421	20MS	40MR	0	0	5MR	6.8	20MS
588	IPPSN2020-588	11th HPYT 422	10S	40S	0	5S	20MS	14.2	40S
589	IPPSN2020-589	11th HPYT 423	20S	10S	0	10S	20MS	11.2	20S
590	IPPSN2020-590	11th HPYT 424	20MS	40S	10MR	0	40MS	18.4	40MS
591	IPPSN2020-591	11th HPYT 425	10S	20MR	0	5S	40MS	11	40MS
592	IPPSN2020-592	11th HPYT 426	20S	40S	10MS	0	60S	25.6	60S
593	IPPSN2020-593	11th HPYT 427	10S	40S	0	0	40MS	16.4	40S
594	IPPSN2020-594	11th HPYT 428	20S	40S	10MS	20S	60S	29.6	60S
595	IPPSN2020-595	11th HPYT 429	30S	20S	10MS	5S	60S	24.6	60S
596	IPPSN2020-596	11th HPYT 430	20S	20MR	10MS	20S	40S	19.2	40S
597	IPPSN2020-597	11th HPYT 431	10S	10S	10MS	0	40S	13.6	40S

598	IPPSN2020-598	11th HPYT 432	20S	20S	20MS	0	60S	23.2	60S
599	IPPSN2020-599	11th HPYT 433	10S	TR	10MS	0	60S	15.6	60S
600	IPPSN2020-600	11th HPYT 434	20S	0	10MR	0	60S	16.8	60S
600A	INFECTOR		80S	60S	100S	60S	100S	80	100S
601	IPPSN2020-601	11th HPYT 435	TR	40MS	TR	0	5S	7.5	40MS
602	IPPSN2020-602	11th HPYT 436	TMR	10S	0	0	20MS	5.3	20MS
603	IPPSN2020-603	11th HPYT 437	20MR	10S	0	0	40MS	10	40MS
604	IPPSN2020-604	11th HPYT 438	TR	10S	TR	0	0	2.1	10S
605	IPPSN2020-605	11th HPYT 439	10S	60S	10MS	10S	60S	29.6	60S
606	IPPSN2020-606	11th HPYT 440	10S	40S	40S	40S	80S	42	80S
607	IPPSN2020-607	11th HPYT 441	20S	20S	TR	10S	60S	22	60S
608	IPPSN2020-608	11th HPYT 442	10S	60S	10MR	10S	60S	28.8	60S
609	IPPSN2020-609	11th HPYT 443	20S	40MR	10MR	20S	60S	24	60S
610	IPPSN2020-610	11th HPYT 444	20S	40S	20S	20S	60S	32	60S
611	IPPSN2020-611	11th HPYT 445	5S	20S	10MS	0	40S	14.6	40S
612	IPPSN2020-612	11th HPYT 446	10S	10S	10MS	5S	40S	14.6	40S
613	IPPSN2020-613	11th HPYT 447	10S	40MR	20S	10S	60S	23.2	60S
614	IPPSN2020-614	11th HPYT 448	10S	0	10MS	10S	60S	17.6	60S
615	IPPSN2020-615	11th HPYT 449	20MS	0	10MR	0	20MS	7.2	20MS
616	IPPSN2020-616	11th HPYT 450	10S	20MR	TR	10S	40S	13.6	40S
617	IPPSN2020-617	MACS 6797	TR	20MR	TR	0	60S	13.7	60S*
618	IPPSN2020-618	MACS 6798	TR	10MR	TR	0	80S	16.9	80S*
619	IPPSN2020-619	MACS 6799	10S	40MR	20S	10S	80S	27.2	80S
620	IPPSN2020-620	MACS 6800	10S	10MR	20MS	5S	80S	23	80S
620A	INFECTOR		60S	40S	100S	60S	100S	72	100S
621	IPPSN2020-621	MACS 6801	20S	0	TR	0	40S	12	40S
622	IPPSN2020-622	MACS 6802	TMS	0	10MR	0	40MR	4.2	40MR
623	IPPSN2020-623	MACS 6803	TMS	0	20MR	0	20MR	3.4	20MR
624	IPPSN2020-624	MACS 6804	TMR	0	10MR	0	40MR	4.1	40MR
625	IPPSN2020-625	MACS 6805	TS	0	10MS	0	20MS	5	20MS
626	IPPSN2020-626	MACS 6806	20MS	0	10MS	0	20MS	8	20MS
627	IPPSN2020-627	MACS 6807	TMS	0	TR	R	10MS	1.8	10MS
628	IPPSN2020-628	MACS 6808	TMR	0	10MS	0	10MS	3.3	10MS
629	IPPSN2020-629	MACS 6809	TMR	0	20MR	0	40MS	8.1	40MS
630	IPPSN2020-630	MACS 6810	30S	20MR	10MS	5S	60S	22.2	60S
631	IPPSN2020-631	MACS 6811	30S	40MR	TR	5S	40S	18.2	40S
632	IPPSN2020-632	MACS 6812	30S	40S	10MR	20S	60S	30.8	60S
633	IPPSN2020-633	MACS 6813	30S	0	10MS	0	60S	19.6	60S
634	IPPSN2020-634	MACS 6814	20MR	20MR	10MR	0	20MS	7.2	20MS
635	IPPSN2020-635	MACS 6815	TMS	0	10MR	0	20MS	4.2	20MS
636	IPPSN2020-636	MACS 6816	TMR	0	10MR	0	20MS	4.1	20MS
637	IPPSN2020-637	MACS 6817	TMR	0	TR	0	10MR	0.9	10MR
638	IPPSN2020-638	MACS 6818	TMR	0	TR	0	20MS	3.3	20MS
639	IPPSN2020-639	MACS 6819	TMS	0	10MR	0	40MS	7.4	40MS
640	IPPSN2020-640	MACS 6820	30S	0	TR	0	60S	18	60S
640A	INFECTOR		80S	40S	100S	80S	100S	80	100S
641	IPPSN2020-641	MACS 4117	10S	TR	20MS	5S	40MR	9.4	20MS
642	IPPSN2020-642	MACS 4118	20MS	20S	10MS	R	20MR	10.4	20S
643	IPPSN2020-643	MACS 4119	20MR	20S	TR	10S	20MR	9.2	20S
644	IPPSN2020-644	MACS 4120	20MS	20S	0	0	20MS	10.4	20S
645	IPPSN2020-645	MACS 4121	TMR	20S	0	0	20MR	5.7	20S
646	IPPSN2020-646	MACS 4122	10S	20S	TR	0	20MR	7.6	20S
647	IPPSN2020-647	MACS 4123	20MS	60S	10MR	0	40MS	22.4	60S
648	IPPSN2020-648	MACS 4124	TMR	10S	10MR	0	20MR	4.5	10S
649	IPPSN2020-649	MACS 5059	TR	0	10MR	0	10MR	1.6	10MR
650	IPPSN2020-650	MACS 5060	TR	0	10MR	0	10MR	1.6	10MR
651	IPPSN2020-651	MACS 5061	TMR	0	10MR	0	10MR	1.7	10MR
652	IPPSN2020-652	AKAW 4662	20S	0	TR	5S	40S	13	40S
653	IPPSN2020-653	AKAW 4682	30S	TR	0	20S	80S	26	80S
654	IPPSN2020-654	AKAW 4684	10S	0	10MR	10S	20MS	8	20MS
655	IPPSN2020-655	AKDW 4773	TMR	TR	10MR	0	40MR	4.1	40MR
656	IPPSN2020-656	AKAW 5080	10S	0	TR	0	40MS	8.4	40MS
657	IPPSN2020-657	AKAW 5100	TMS	0	TR	0	5MR	0.6	5MR
658	IPPSN2020-658	AKAW 5104	TMR	TR	0	0	20MS	3.3	20MS
659	IPPSN2020-659	AKAW 5314	10S	5S	TR	TMR	40MS	9.5	40MS
660	IPPSN2020-660	AKAW 5317	10S	TR	TR	60S	40S	22.1	60S
660A	INFECTOR		80S	60S	100S	60S	100S	80	100S
661	IPPSN2020-661	AKAW 5353	20S	80S	40S	5S	80S	45	80S
662	IPPSN2020-662	AKAW 5354	20S	80S	10MS	5S	80S	38.6	80S
663	IPPSN2020-663	AKAW 5438	20S	60S	10MR	10S	60S	30.8	60S

664	IPPSN2020-664	AKAW 5441	20S	40S	10MR	5S	40MS	20.2	40S
665	IPPSN2020-665	AKAW 5444	30S	5S	20S	0	80S	27	80S
666	IPPSN2020-666	AKAW 5445	5MS	5MR	TR	0	20MS	4.4	20MS
667	IPPSN2020-667	RVW 4350	TMR	0	0	0	20MR	1.7	20MR
668	IPPSN2020-668	RVW 4351	5MS	0	TR	0	20MR	2.4	20MR
669	IPPSN2020-669	RVW 4352	30S	0	TR	20S	40MS	16.4	40MS
670	IPPSN2020-670	RVW 4353	5MS	0	10MR	0	20MS	4.8	20MS
671	IPPSN2020-671	RVW 4354	30S	20S	10MR	20S	40MS	21.2	40MS
672	IPPSN2020-672	RVW 4355	TMS	0	TR	0	40MR	3.4	40MR
673	IPPSN2020-673	RVW 4356	30S	10S	TR	20S	40S	20	40S
674	IPPSN2020-674	RVW 4357	40S	0	40S	10S	80S	34	80S
675	IPPSN2020-675	RVW 4358	10MS	0	TR	0	40MS	8	40MS
676	IPPSN2020-676	RVW 4359	10S	80S	40S	10S	60S	40	80S
677	IPPSN2020-677	1	20S	20S	10MS	20S	80S	29.6	80S
678	IPPSN2020-678	2	20S	0	10MS	0	40S	13.6	40S
679	IPPSN2020-679	3	10S	10S	TR	10MS	40MS	12	40MS
680	IPPSN2020-680	4	20S	10S	20MR	5MS	20S	12.4	20S
680A	INFECTOR		60S	80S	100S	60S	100S	80	100S
681	IPPSN2020-681	5	10MS	0	0	0	40MS	8	40MS
682	IPPSN2020-682	6	5MS	0	0	0	10MS	2.4	10MS
683	IPPSN2020-683	7	20S	100S	0	10S	40S	34	100S
684	IPPSN2020-684	8	10S	0	0	0	40S	10	40S
685	IPPSN2020-685	9	20S	100S	20S	15S	60S	43	100S
686	IPPSN2020-686	10	10S	10S	TR	0	40S	12	40S
687	IPPSN2020-687	11	10S	20S	TR	15MS	NG	10.6	20S
688	IPPSN2020-688	12	20S	40S	TR	20S	60S	28	60S
689	IPPSN2020-689	13	TMR	0	0	0	0	0.1	TMR
690	IPPSN2020-690	14	10MS	0	10MR	5MS	40MS	9.6	40MS
691	IPPSN2020-691	15	20S	0	TR	10S	40MS	12.4	40MS
692	IPPSN2020-692	16	10MS	5S	TR	0	20MS	5.8	20MS
693	IPPSN2020-693	17	10MS	0	10MS	0	10S	5.2	10S
694	IPPSN2020-694	18	10S	0	10MS	5S	40S	12.6	40S
695	IPPSN2020-695	19	20S	40S	20MS	10S	40MS	23.6	40S
696	IPPSN2020-696	20	10S	60S	20MS	5MS	40S	26	60S
697	IPPSN2020-697	21	20S	10S	20MS	0	10MR	10	20S
698	IPPSN2020-698	22	30S	0	20S	0	40S	18	40S
699	IPPSN2020-699	23	20S	0	40S	20S	60S	28	60S
700	IPPSN2020-700	24	20S	10S	20MS	0	60S	21.2	60S
700A	INFECTOR		80S	80S	100S	60S	100S	84	100S
701	IPPSN2020-701	25	20S	0	20S	5S	60S	21	60S
702	IPPSN2020-702	26	5MS	0	10MS	5S	40S	11.4	40S
703	IPPSN2020-703	27	10S	0	20MS	0	NG	6.5	20MS
704	IPPSN2020-704	28	20S	0	TR	20S	60S	20	60S
705	IPPSN2020-705	29	TMR	0	10MR	0	10MR	1.7	10MR
706	IPPSN2020-706	30	10S	0	10MR	10S	40S	12.8	40S
707	IPPSN2020-707	31	20S	0	0	0	20MS	7.2	20S
708	IPPSN2020-708	32	5S	0	60S	20S	NG	21.3	60S
709	IPPSN2020-709	33	TMR	0	40S	NG	80S	30.1	80S
710	IPPSN2020-710	34	20S	10S	80S	20S	80S	42	80S
711	IPPSN2020-711	35	10MS	0	0	0	10MR	2.4	10MS
712	IPPSN2020-712	36	NG	NG	NG	0	NG	NG	NG
713	IPPSN2020-713	37	10S	100S	NG	10S	NG	40	100S
714	IPPSN2020-714	38	NG	NG	NG	NG	NG	NG	NG
715	IPPSN2020-715	39	20S	0	TR	0	10MS	5.6	20S
716	IPPSN2020-716	40	20S	10S	TR	0	40S	14	40S
717	IPPSN2020-717	41	20S	60S	40S	5S	60S	37	60S
718	IPPSN2020-718	42	20S	40S	20MS	0	20MS	18.4	40S
719	IPPSN2020-719	43	20S	0	10MR	0	20MR	6.4	20S
720	IPPSN2020-720	44	20S	40S	10MR	10MS	40MS	20.8	40S
720A	INFECTOR		60S	80S	100S	80S	100S	84	100S
721	IPPSN2020-721	45	20S	80S	60S	0	20S	36	80S
722	IPPSN2020-722	46	10S	0	20S	5MS	40S	14.8	40S
723	IPPSN2020-723	47	10S	40S	40MS	10MS	60S	30	60S
724	IPPSN2020-724	48	TMR	20S	TR	0	60S	16.1	60S
725	IPPSN2020-725	49	TMR	20S	20MS	0	20MR	8.9	20S
726	IPPSN2020-726	50	10MS	0	TR	0	60S	13.6	60S*
727	IPPSN2020-727	51	10S	40S	20MR	0	40MS	18	40S
728	IPPSN2020-728	52	TR	80S	TR	R	60S	28.1	60S
729	IPPSN2020-729	53	TMS	0	TR	0	20MS	3.4	20MS
730	IPPSN2020-730	54	TR	40S	10MR	0	60S	20.8	60S

731	IPPSN2020-731	55	TR	20S	40S	TMS	60S	24.2	60S
732	IPPSN2020-732	56	5MR	40S	20MS	40S	60S	31.6	60S
733	IPPSN2020-733	57	20S	80S	20MS	0	60S	35.2	80S
734	IPPSN2020-734	58	20S	40S	10MR	0	40S	20.8	40S
735	IPPSN2020-735	59	20S	60S	40MS	40S	60S	42.4	60S
736	IPPSN2020-736	60	20S	10S	20MS	10S	80S	27.2	80S
737	IPPSN2020-737	SVPWL01	20S	0	20MS	40S	80S	31.2	80S
738	IPPSN2020-738	SVPWL02	20S	0	20MS	15MS	80S	25.6	80S
739	IPPSN2020-739	SVPWL03	TR	0	10MR	0	20MR	2.4	20MR
740	IPPSN2020-740	SVPWL04	20S	20S	20S	10S	80S	30	80S
740A	INFECTOR		80S	80S	100S	60S	100S	84	100S
741	IPPSN2020-741	SVPWL05	TMR	0	10MR	5S	20MR	3.5	20MR
742	IPPSN2020-742	SVPWL06	5S	5S	10MR	5MS	20S	7.6	20S
743	IPPSN2020-743	SVPWL07	TS	0	TR	30S	40MS	12.6	40MS
744	IPPSN2020-744	SVPWL08	10S	80S	40S	10MS	60S	39.6	80S
745	IPPSN2020-745	SVPWL09	TMR	0	10MS	5S	10MS	4.3	10MS
746	IPPSN2020-746	SVPWL10	20MS	10S	0	5MS	10MS	7.6	20MS
747	IPPSN2020-747	SVPWL11	10S	0	20MS	20S	40S	17.2	40S
748	IPPSN2020-748	SVPWL12	TR	0	TR	10S	20MS	5.3	20MS
749	IPPSN2020-749	SVPWL13	TMR	0	TR	0	20S	4.1	20S
750	IPPSN2020-750	SVPWL14	10S	60S	20MS	20S	60S	33.2	60S
751	IPPSN2020-751	SVPWL15	20S	10S	TR	0	40S	14	40S
752	IPPSN2020-752	IARI 20-1	20S	5S	0	10S	40S	15	40S
753	IPPSN2020-753	IARI 20-2	5S	0	10MS	10MS	40S	12.2	40S
754	IPPSN2020-754	IARI 20-3	TMR	20S	20MS	10MS	20S	12.9	20S
755	IPPSN2020-755	IARI 20-4	10S	80S	10MS	0	60S	31.6	80S
756	IPPSN2020-756	IARI 20-5	TR	0	TR	0	30S	6.1	30S
757	IPPSN2020-757	IARI 20-6	10S	80S	20MR	15MS	60S	34	80S
758	IPPSN2020-758	IARI 20-7	20MS	20S	20MS	0	20MS	13.6	20S
759	IPPSN2020-759	IARI 20-8	10MS	10S	10MR	0	5MR	4.8	10S
760	IPPSN2020-760	IARI 20-9	30S	60S	10MS	5MS	60S	32.4	60S
760A	INFECTOR		60S	80S	100S	80S	100S	84	100S
761	IPPSN2020-761	IARI 20-10	10S	40S	0	0	40MS	16.4	40S
762	IPPSN2020-762	IARI 20-11	10S	10S	0	R	20S	8	20S
763	IPPSN2020-763	IARI 20-12	10S	5MR	0	0	20S	6.4	20S
764	IPPSN2020-764	IARI 20-13	10MR	0	0	40S	60S	20.8	60S
765	IPPSN2020-765	IARI 20-14	10MR	0	0	5S	20MS	5	20MS
766	IPPSN2020-766	IARI 20-15	5S	0	0	0	40S	9	40S
767	IPPSN2020-767	IARI 20-16	20MS	0	0	10MS	20MS	8	20MS
768	IPPSN2020-768	IARI 20-17	10S	0	0	40S	40S	18	40S
769	IPPSN2020-769	IARI 20-18	TMS	0	0	5MS	20MS	4.2	20MS
770	IPPSN2020-770	IARI 20-19	10MR	0	0	0	10MS	2.4	10MS
771	IPPSN2020-771	IARI 20-20	TR	60S	0	0	20S	16	60S
772	IPPSN2020-772	IARI 20-21	20MS	60S	0	20S	80S	35.2	80S
773	IPPSN2020-773	IARI 20-22	TR	0	0	0	10MR	0.8	10MR
774	IPPSN2020-774	IARI 20-23	10S	20S		0	40MS	15.5	40MS
775	IPPSN2020-775	IARI 20-24	5S	80S	40S	40S	80S	49	80S
776	IPPSN2020-776	IARI 20-25	5S	80S	40MS	40S	80S	47.4	80S
777	IPPSN2020-777	IARI 20-26	5S	10S	TR	20S	60S	19	60S
778	IPPSN2020-778	IARI 20-27	10S	5S	TR	20S	40S	15	40S
779	IPPSN2020-779	IARI 20-28	20S	5S	10MS	10S	60S	20.6	60S
780	IPPSN2020-780	IARI 20-29	20MS	40S	20MR	TMS	20S	17	40S
780A	INFECTOR		80S	80S	100S	60S	100S	84	100S
781	IPPSN2020-781	IARI 20-30	10S	80S	0	10S	40MS	26.4	80S
782	IPPSN2020-782	IARI 20-31	20S	5S	0	TMS	40S	13.2	40S
783	IPPSN2020-783	IARI 20-32	10S	20S	0	20S	40MS	16.4	40MS
784	IPPSN2020-784	IARI 20-33	20S	10S	0	40S	40S	22	40S
785	IPPSN2020-785	IARI 20-34	30S	80S	40MS	10S	80S	46.4	80S
786	IPPSN2020-786	IARI 20-35	10S	20S	0	0	40MS	12.4	40MS
787	IPPSN2020-787	IARI 20-36	20S	40S	0	0	20S	16	40S
788	IPPSN2020-788	IARI 20-37	10MR	5S	0	5S	10MR	3.6	5S
789	IPPSN2020-789	IARI 20-38	20MS	40S	0	0	40MR	14.4	40S
790	IPPSN2020-790	IARI 20-39	TR	0	0	0	10MR	0.8	10MR
791	IPPSN2020-791	IARI 20-40	TR	5MR	0	0	20MR	2	20MR
792	IPPSN2020-792	IARI 20-41	TR	5MR	0	R	5MR	0.9	5MR
793	IPPSN2020-793	IARI 20-42	TMR	10S	0	0	20MR	3.7	10S
794	IPPSN2020-794	IARI 20-43	TR	10S	0	0	10MR	2.8	10S
795	IPPSN2020-795	IARI 20-44	TMR	10MR	0	0	20MR	2.5	20MR
796	IPPSN2020-796	IARI 20-45	5S	20S	40S	10S	60S	27	60S
797	IPPSN2020-797	IARI 20-46	20MR	40S	20S	0	20MS	16.8	40S

798	IPPSN2020-798	IARI 20-47	10S	20S	10MS	20S	20S	15.6	20S
799	IPPSN2020-799	IARI 20-48	10S	10S	TR	5S	20MR	6.6	10S
800	IPPSN2020-800	IARI 20-49	10MR	0	TR	5S	10MR	2.6	5S
800A	INFECTOR		80S	60S	100S	60S	100S	80	100S
801	IPPSN2020-801	IARI 20-50	30S	10S	10MS	20S	60S	25.6	60S
802	IPPSN2020-802	IARI 20-51	30S	20S	10MS	20S	60S	27.6	60S
803	IPPSN2020-803	IARI 20-52	20S	20S	10MR	10S	20S	14.8	20S
804	IPPSN2020-804	IARI 20-53	10S	40S	10MS	0	40S	19.6	40S
805	IPPSN2020-805	IARI 20-54	TR	10S	10MR	0	5MS	3.6	10S
806	IPPSN2020-806	IARI 20-55	10S	40S	0	0	20MS	13.2	40S
807	IPPSN2020-807	IARI 20-56	20MR	0	TR	0	20MR	3.2	20MR
808	IPPSN2020-808	IARI 20-57	20S	20S	10MS	5S	40S	18.6	40S
809	IPPSN2020-809	IARI 20-58	10S	20S	10MR	10S	40MS	15.2	40MS
810	IPPSN2020-810	IARI 20-59	20S	5S	TR	5S	40MS	12.4	40MS
811	IPPSN2020-811	IARI 20-60	30S	10MS	20MS	5S	40MS	18.2	40MS
812	IPPSN2020-812	IARI 20-61	20MS	10S	20MS	10MS	20S	14	20S
813	IPPSN2020-813	IARI 20-62	20S	40S	40MS	15MS	40S	28.8	40S
814	IPPSN2020-814	IARI 20-63	30S	10S	20MS	20S	60S	27.2	60S
815	IPPSN2020-815	IARI 20-64	20MS	0	10MR	0	10MS	5.6	20MS
816	IPPSN2020-816	IARI 20-65	TMR	0	10MS	0	0	1.7	10MS
817	IPPSN2020-817	IARI 20-66	10S	10S	10MS	5S	40MS	13	40MS
818	IPPSN2020-818	IARI 20-67	30S	0	20S	20S	60S	26	60S
819	IPPSN2020-819	IARI 20-68	10S	0	20MS	15S	20S	12.2	20S
820	IPPSN2020-820	IARI 20-69	30S	20S	10MR	10MS	40MS	18.8	40MS
820A	INFECTOR		80S	80S	100S	60S	100S	84	100S
821	IPPSN2020-821	IARI 20-70	20S	40S	10MS	20S	40S	25.6	40S
822	IPPSN2020-822	IARI 20-71	TR	0	10MR	0	10MR	1.6	10MR
823	IPPSN2020-823	IARI 20-72	10MR	0	10MR	0	10MR	2.4	10MR
824	IPPSN2020-824	IARI 20-73	TMR	0	0	0	5R	0.3	5R
825	IPPSN2020-825	IARI 20-74	TR	0	10MR	0	5MS	1.6	5MS
826	IPPSN2020-826	IARI 20-75	20MR	0	TR	0	10MR	2.4	20MR
827	IPPSN2020-827	IARI 20-76	TR	0	TR	0	TR	0.1	TR
828	IPPSN2020-828	IARI 20-77	TMR	0	TR	0	10MR	0.9	10MR
829	IPPSN2020-829	IARI 20-78	30S	10S	TR	10S	60S	22	60S
830	IPPSN2020-830	IARI 20-79	10S	10S	10MR	5S	40MS	12.2	40MS
831	IPPSN2020-831	IARI 20-80	20S	0	10MR	15S	40MS	14.2	40MS
832	IPPSN2020-832	IARI 20-81	10S	40S	TR	10S	20S	16	40S
833	IPPSN2020-833	IARI 20-82	10MR	0	10MR	0	5MS	2.4	5MS
834	IPPSN2020-834	IARI 20-83	TMR	0	TR	0	5MS	0.9	5MS
835	IPPSN2020-835	IARI 20-84	TMR	0	10S	0	20MR	3.7	10S
836	IPPSN2020-836	IARI 20-85	10MR	10S	10S	0	10MR	5.6	10S
837	IPPSN2020-837	IARI 20-86	20MS	20S	10MS	TMR	20MR	10.5	20S
838	IPPSN2020-838	IARI 20-87	10S	5S	10MS	5S	20S	9.6	20S
839	IPPSN2020-839	IARI 20-88	TMS	10MR	10MS	0	10MR	3.4	10MS
840	IPPSN2020-840	IARI 20-89	10MR	40S	TR	0	10MR	9.6	40S
840A	INFECTOR		80S	80S	100S	60S	100S	84	100S
841	IPPSN2020-841	IARI 20-90	20MS	100S	10MS	0	5R	25	100S
842	IPPSN2020-842	IARI 20-91	TR	60S	TR	0	10MS	13.7	60S*
843	IPPSN2020-843	IARI 20-92	10MR	40S	10MS	0	10MS	12	40S
844	IPPSN2020-844	IARI 20-93	20MS	80S	20MR	0	40MS	27.2	80S
845	IPPSN2020-845	IARI 20-94	20S	60S	TR	10S	40S	26	60S
846	IPPSN2020-846	IARI 20-95	20S	60S	TR	5S	40S	25	60S
847	IPPSN2020-847	IARI 20-96	20MS	20S	TR	0	60S	19.2	60S
848	IPPSN2020-848	IARI 20-97	20S	80S	10MR	5S	60S	33.8	80S
849	IPPSN2020-849	IARI 20-98	20S	10S	0	0	40MS	12.4	40MS
850	IPPSN2020-850	IARI 20-99	20MS	40S	0	0	20MS	14.4	40S
851	IPPSN2020-851	IARI 20-100	20S	0	TR	10S	40S	14	40S
852	IPPSN2020-852	IARI 20-101	10S	10S	TR	TMR	20MS	7.3	20MS
853	IPPSN2020-853	IARI 20-102	20S	10S	TR	10S	80S	24	80S
854	IPPSN2020-854	IARI 20-103	10S	60S	10MR	5S	10MR	16.6	60S
855	IPPSN2020-855	IARI 20-104	30S	40S	10MS	5S	60S	28.6	60S
856	IPPSN2020-856	IARI 20-105	30S	40S	10MR	10MS	80S	32.4	80S
857	IPPSN2020-857	IARI 20-106	30S	40S	20MS	0	80S	33.2	80S
858	IPPSN2020-858	IARI 20-107	30S	80S	10MS	15S	80S	42.6	80S
859	IPPSN2020-859	IARI 20-108	10S	60S	20MS	10S	40S	27.2	60S
860	IPPSN2020-860	IARI 20-109	20S	0	20MS	0	60S	19.2	60S
860A	INFECTOR		80S	80S	100S	60S	100S	84	100S
861	IPPSN2020-861	IARI 20-110	TR	20S	10MR	0	10R	5.2	20S
862	IPPSN2020-862	IARI 20-111	20MR	10MS	TR	0	10R	3.6	10MS
863	IPPSN2020-863	IARI 20-112	TR	0	TR	0	10R	0.5	10R

864	IPPSN2020-864	IARI 20-113	20MR	10S	0	0	10MR	4.4	10S
865	IPPSN2020-865	IARI 20-114	10MR	10MS	0	0	10MR	3.2	10MS
866	IPPSN2020-866	IARI 20-115	20MR	60S	10MR	0	10MS	16	60S*
867	IPPSN2020-867	IARI 20-116	TR	20S	TR	0	5MS	4.9	20S
868	IPPSN2020-868	IARI 20-117	20MS	10MS	10MR	0	10MR	6.4	20MS
869	IPPSN2020-869	IARI 20-118	TMR	10S	10MS	0	20MS	6.9	20MS
870	IPPSN2020-870	IARI 20-119	TR	0	0	0	0	0	TR
871	IPPSN2020-871	IARI 20-120	30S	10S	10MR	20S	40MS	19.2	40MS
872	IPPSN2020-872	IARI 20-121	TMR	5S	TR	0	5MS	1.9	5MS
873	IPPSN2020-873	IARI 20-122	10S	10S	TR	20S	20S	12	20S
874	IPPSN2020-874	IARI 20-123	5S	10S	TR	10S	20S	9	20S
875	IPPSN2020-875	IARI 20-124	TR	0	0	0	0	0	TR
876	IPPSN2020-876	IARI 20-125	20S	60S	0	5S	60S	29	60S
877	IPPSN2020-877	IARI 20-126	TMS	5S	10MS	10MS	40S	12.4	40S
878	IPPSN2020-878	IARI 20-127	20MS	10S	0	5S	20S	10.2	20S
879	IPPSN2020-879	IARI 20-128	TR	0	0	5MS	0	0.8	5MS
880	IPPSN2020-880	IARI 20-129	10S	10S	TR	0	20S	8	20S
880A	INFECTOR		80S	60S	100S	60S	100S	80	100S
881	IPPSN2020-881	IARI 20-130	5S	10S	10MS	10S	40S	14.6	40S
882	IPPSN2020-882	IARI 20-131	20S	20S	10MS	5S	60S	22.6	60S
883	IPPSN2020-883	IARI 20-132	10MR	10S	0	0	20MS	6	20MS
884	IPPSN2020-884	IARI 20-133	20MS	10S	0	10MS	40MS	13.2	40MS
885	IPPSN2020-885	IARI 20-134	20MS	80S	10MS	0	40MS	27.2	80S
886	IPPSN2020-886	IARI 20-135	TR	0	TR	0	5MR	0.5	5MR
887	IPPSN2020-887	IARI 20-136	30S	40S	10S	10S	40S	26	40S
888	IPPSN2020-888	IARI 20-137	20MS	80S	TR	0	40S	27.2	80S
889	IPPSN2020-889	IARI 20-138	TMS	40S	TR	TMR	20MS	11.5	40S
890	IPPSN2020-890	IARI 20-139	10MS	100S	TR	0	40MR	24.8	100S
891	IPPSN2020-891	IARI 20-140	20MS	80S	10MS	5S	40S	29.8	80S
892	IPPSN2020-892	IARI 20-141	10MS	40S	10MR	5S	80S	27.4	80S
893	IPPSN2020-893	IARI 20-142	20S	60S	10MS	5S	40S	26.6	60S
894	IPPSN2020-894	IARI 20-143	10S	80S	10MR	0	30MS	23.6	80S
895	IPPSN2020-895	IARI 20-144	10MS	80S	TR	0	10MR	18.4	80S*
896	IPPSN2020-896	IARI 20-145	20S	60S	TR	5S	40MS	23.4	60S
897	IPPSN2020-897	IARI 20-146	10S	20S	0	0	20S	10	20S
898	IPPSN2020-898	IARI 20-147	20MR	20S	10MR	15MS	40MS	15.2	40MS
899	IPPSN2020-899	IARI 20-148	10S	20S	20MS	0	20MS	12.4	20S
900	IPPSN2020-900	IARI 20-149	TS	40S	TR	10MS	20MS	13	40S
900A	INFECTOR		80S	40S	100S	60S	100S	76	100S
901	IPPSN2020-901	IARI 20-150	TR	40S	10MR	0	20MR	10.4	40S
902	IPPSN2020-902	IARI 20-151	TR	5S	TR	0	5R	1.3	5S
903	IPPSN2020-903	IARI 20-152	TR	5MR	10MS	0	0	2	10MS
904	IPPSN2020-904	IARI 20-153	10MR	60S	20MS	0	TMR	16.1	60S
905	IPPSN2020-905	IARI 20-154	10MS	0	40MS	0	10S	10	40MS
906	IPPSN2020-906	IARI 20-155	10MS	60S	10MS	TMS	40S	23.4	60S
907	IPPSN2020-907	IARI 20-156	10MS	40S	20MS	0	10MS	14.4	40S
908	IPPSN2020-908	IARI 20-157	20S	40S	20MS	10MS	40MS	23.2	40S
909	IPPSN2020-909	IARI 20-158	10MS	80S	10MS	TMS	40S	27.4	80S
910	IPPSN2020-910	IARI 20-159	10MS	60S	20MS	0	40MS	23.2	60S
911	IPPSN2020-911	IARI 20-160	10MR	5MR	TR	0	10MR	2	10MR
912	IPPSN2020-912	IARI 20-161	TR	5MR	TR	0	10MR	1.3	10MR
913	IPPSN2020-913	IARI 20-162	TR	40S	10MR	0	20MR	10.4	40S
914	IPPSN2020-914	IARI 20-163	20MS	20S	TR	0	40S	15.2	40S
915	IPPSN2020-915	IARI 20-164	30S	100S	40S	20S	40S	46	100S
916	IPPSN2020-916	IARI 20-165	10MR	20S	20S	10S	20S	14.8	20S
917	IPPSN2020-917	IARI 20-166	10MR	10S	TR	0	20MS	6	20MS
918	IPPSN2020-918	IARI 20-167	10MS	20S	TR	TMS	10MS	7.4	20S
919	IPPSN2020-919	IARI 20-168	10MR	20S	10MS	0	20MS	9.6	20S
920	IPPSN2020-920	IARI 20-169	20S	20S	20MS	0	40S	19.2	40S
920A	INFECTOR		80S	80S	100S	60S	100S	84	100S
921	IPPSN2020-921	IARI 20-170	10S	10S	TR	10MS	40S	13.6	40S
922	IPPSN2020-922	IARI 20-171	20S	40S	TR	15MS	40S	22.4	40S
923	IPPSN2020-923	IARI 20-172	10MS	80S	0	TMS	40S	25.8	80S
924	IPPSN2020-924	IARI 20-173	20MS	40S	10MR	0	10MS	13.6	40S
925	IPPSN2020-925	IARI 20-174	10MS	20S	0	0	5MS	6.4	20S
926	IPPSN2020-926	IARI 20-175	20MS	60S	10MR	10S	20MS	21.2	60S
927	IPPSN2020-927	P 13582	20S	10S	10MS	60S	40S	27.6	60S
928	IPPSN2020-928	P 13590	TR	40S	TR	0	20MS	11.3	40S
929	IPPSN2020-929	P 13633	20S	0	TR	5S	60S	17	60S
930	IPPSN2020-930	P 13644	20S	40S	10MS	15S	80S	32.6	80S

931	IPPSN2020-931	P 13645	20S	20S	0	0	40MR	11.2	20S
932	IPPSN2020-932	P 13673	10S	40S	0	0	40MS	16.4	40S
933	IPPSN2020-933	P 13733	20MS	20S	TR	40S	80S	31.2	80S
934	IPPSN2020-934	P 13757	10MR	20S	0	10MS	20S	10.4	20S
935	IPPSN2020-935	P 13769	TR	40S	TR	5S	10MR	9.9	40S
936	IPPSN2020-936	P 13775	10S	40S	10MR	0	40MS	17.2	40S
937	IPPSN2020-937	P 13793	20S	20S	TR	0	40MS	14.4	40MS
938	IPPSN2020-938	P 13810	20MS	20S	TR	10S	60S	21.2	60S
939	IPPSN2020-939	P 13816	20S	40S	TR	0	40S	20	40S
940	IPPSN2020-940	P 13818	10S	10S	10MR	10S	10MS	8.4	10S
940A	INFECTOR		60S	40S	100S	80S	100S	76	100S
941	IPPSN2020-941	P 13822	10S	60S	10MR	0	20MR	16.4	60S
942	IPPSN2020-942	P 13829	20MS	20MS	10MS	20S	20MS	15.2	20S
943	IPPSN2020-943	P 13839	10MS	40S	10MS	15MS	40S	21.6	40S
944	IPPSN2020-944	P 13869	10MR	40S	10MS	0	10MS	12	40S
945	IPPSN2020-945	P 13888	TR	10S	0	0	10MR	2.8	10S
946	IPPSN2020-946	P 13900	10MR	10S	TR	20S	40S	14.8	40S
947	IPPSN2020-947	P 13901	10MS	10S	TR	TMS	40S	11.8	40S
948	IPPSN2020-948	P 13905	20MS	10S	10MR	20S	40S	18	40S
949	IPPSN2020-949	P 13908	20S	20S	10MR	15MS	40S	19.2	40S
950	IPPSN2020-950	P 13919	20S	40S	TR	20S	20MS	19.2	40S
951	IPPSN2020-951	P 13929	TR	40S	TR	0	40S	16.1	40S
952	IPPSN2020-952	P 13932	20MS	20MS	10MS	TMS	40S	16.2	40S
953	IPPSN2020-953	P 13934	10MS	5MR	TR	0	20S	6	20S
954	IPPSN2020-954	P 13938	10S	10S	TR	10S	30MS	10.8	30MS
955	IPPSN2020-955	P 13939	10MS	10S	10MS	TMR	40S	13.3	40S
956	IPPSN2020-956	P 13940	10MS	20S	TR	10MS	20MS	10.4	20S
957	IPPSN2020-957	P 13941	NG	20S	TR	0	5S	6.3	20S
958	IPPSN2020-958	P 13942	10MS	20S	0	TMR	5S	6.7	20S
959	IPPSN2020-959	P 13946	TR	60S	0	0	10MS	13.6	60S*
960	IPPSN2020-960	P 13967	10MR	80S	10MR	5MS	10MR	19.2	80S*
960A	INFECTOR		60S	60S	100S	80S	100S	80	100S
961	IPPSN2020-961	P 13973	10S	5S	10MS	5S	5S	6.6	10S
962	IPPSN2020-962	P 13974	TMR	5MS	20S	5MS	5MS	6.5	20S
963	IPPSN2020-963	P 13977	10S	40S	TR	0	5MS	10.8	40S
964	IPPSN2020-964	P 13979	10MS	10MR	TR	0	10S	4.4	10S
965	IPPSN2020-965	P 13980	10MR	5MR	TR	10S	0	3.2	10S
966	IPPSN2020-966	P 13981	TMR	5MR	0	0	10MS	2.1	10MS
967	IPPSN2020-967	P 13982	10S	10MS	0	0	0	3.6	10S
968	IPPSN2020-968	P 13988	TR	10MR	0	0	10MR	1.6	10MR
969	IPPSN2020-969	P 13993	TR	5MR	0	0	0	0.4	5MR
970	IPPSN2020-970	P 13994	TS	0	TR	0	0	0.2	TS
971	IPPSN2020-971	P 13999	10MR	0	TR	0	0	0.8	10MR
972	IPPSN2020-972	P 14000	TMR	40S	0	0	0	8.1	40S
973	IPPSN2020-973	P 14022	10MS	5MR	0	15S	20MS	8.2	20MS
974	IPPSN2020-974	P 14034	10S	10S	0	20S	20S	12	20S
975	IPPSN2020-975	P 14041	10MR	5MR	0	10S	10S	5.2	10S
976	IPPSN2020-976	P 14048	TR	40S	0	10MS	10MS	11.2	40S
977	IPPSN2020-977	P 14061	10MS	40S	TR	0	30S	15.6	40S
978	IPPSN2020-978	P 14090	10MS	60S	10MR	5S	40MS	21.8	60S
979	IPPSN2020-979	P 14103	10S	0	0	0	20MS	5.2	20MS
980	IPPSN2020-980	P 14114	20MS	40S	TR	10S	40MS	19.6	40S
980A	INFECTOR		80S	80S	100S	60S	100S	84	100S
981	IPPSN2020-981	P 14115	10MS	80S	10MR	0	40MS	24.8	80S
982	IPPSN2020-982	P 14225	TR	80S	TR	0	20S	20.1	80S
983	IPPSN2020-983	P 8127	TR	100S	20MS	0	10MS	24.8	100S
984	IPPSN2020-984	P 8228	TR	100S	20MS	0	10MR	24	100S
985	IPPSN2020-985	P 8229	TR	100S	20MS	0	10S	25.2	100S
986	IPPSN2020-986	P 8241	TR	80S	40S	0	20MS	27.2	80S
987	IPPSN2020-987	PWU 14	TR	60S	10MR	0	10MR	13.6	60S*
988	IPPSN2020-988	PWU-15	TR	10MR	0	0	10MR	1.6	10MR
989	IPPSN2020-989	PWU-16	TR	10MS	TR	0	20MR	3.3	10MS
990	IPPSN2020-990	PWU-17	10MS	10MR	TR	10S	20S	8.4	20S
991	IPPSN2020-991	PWU-18	TR	10S	10MR	0	10MS	4.4	10S
992	IPPSN2020-992	PWU-19	TR	5MR	20MS	0	5MR	4	20MS
993	IPPSN2020-993	BCW 12	10MS	80S	0	20S	20MS	24.8	80S
994	IPPSN2020-994	BCW 18	10MR	80S	0	10S	40S	26.8	80S
995	IPPSN2020-995	RWP-TS-15	10MS	60S	10MR	0	20MS	17.6	60S
996	IPPSN2020-996	RWP-TS-27	20MS	80S	10MS	40S	60S	40.8	80S
997	IPPSN2020-997	RWP-TS-24	10MS	60S	TR	0	30MS	18.4	60S

998	IPPSN2020-998	RWP-TS-26	10MS	20S	TR	0	40MS	12	40MS
999	IPPSN2020-999	RWP-TS-23	10MS	80S	TR	0	20MS	20.8	80S
1000	IPPSN2020-1000	RWP-TS-17	20MS	10S	20S	0	60S	21.2	60S
1000A	INFECTOR		60S	60S	100S	60S	100S	76	100S
1001	IPPSN2020-1001	RWP-TS-33	10S	40S	TR	5S	40S	19	40S
1002	IPPSN2020-1002	RWP-TS-16	10MS	80S	10MS	0	40S	27.2	80S
1003	IPPSN2020-1003	RWP-TS-11	10MS	5MR	TR	0	0	2	10MS
1004	IPPSN2020-1004	RWP-TS-13	10MS	40S	TR	0	20S	13.6	40S
1005	IPPSN2020-1005	RWP-TS-28	20S	40S	40S	20S	40S	32	40S
1006	IPPSN2020-1006	RWP-TS-01	TR	0	TR	0	10MS	1.7	10MS
1007	IPPSN2020-1007	NEP-TS-14	TR	40S	10MR	0	40MS	15.2	40S
1008	IPPSN2020-1008	NEP-TS-4	10S	60S	TR	20S	40S	26	60S
1009	IPPSN2020-1009	NEP-TS-7	10S	10MS	TR	10S	20MS	8.8	20MS
1010	IPPSN2020-1010	NEP-TS-1	TR	20S	0	0	20MS	7.2	20S
1011	IPPSN2020-1011	NEP-TS-18	20MS	80S	10MR	10S	60S	34	80S
1012	IPPSN2020-1012	DWAP-TS-14	20S	60S	10MR	0	40S	24.8	60S
1013	IPPSN2020-1013	DWAP-TS-13	20S	20S	0	0	40S	16	40S
1014	IPPSN2020-1014	DWAP-TS-21	10MS	40S	0	0	40MS	16	40S
1015	IPPSN2020-1015	DWAP-TS-22	30MS	80S	0	TMS	40MS	27.4	80S
1016	IPPSN2020-1016	BST-A-TS-20	10MS	5S	0	0	20MS	5.8	20MS
1017	IPPSN2020-1017	BST-A-TS-05	20S	40S	20MS	10MS	40S	24.8	40S
1018	IPPSN2020-1018	BST-A-TS-09	10S	20S	10MR	10S	40S	16.8	40S
1019	IPPSN2020-1019	BST-A-TS-07	10MS	40S	10MS	20MS	40S	22.4	40S
1020	IPPSN2020-1020	BST-A-TS-10	10MR	20S	TR	0	20S	8.8	20S
1020A	INFECTOR		60S	40S	100S	60S	100S	72	100S
1021	IPPSN2020-1021	BST-A-TS-19	20MS	5MR	TR	0	10MS	5.2	20MS
1022	IPPSN2020-1022	BST-A-TS-04	20MS	0	10MR	15S	20S	11	20S
1023	IPPSN2020-1023	QYT-TS-15	TR	0	10MR	0	TMR	0.9	10MR
1024	IPPSN2020-1024	QYT-TS-12	10S	10MR	0	10MS	10MS	6	10S
1025	IPPSN2020-1025	QYT-TS-08	TR	0	TR	TMR	20MR	1.8	20MR
1026	IPPSN2020-1026	QYT-TS-14	10MS	0	TR	0	20S	5.6	20S
1027	IPPSN2020-1027	QYT-TS-06	TMR	0	10MS	0	0	1.7	10MS
1028	IPPSN2020-1028	QYT-TS-03	TR	40S	TR	0	0	8.1	40S
1029	IPPSN2020-1029	GRU/2019-20/12	10MS	10S	10MR	5MS	0	5.2	10S
1030	IPPSN2020-1030	RWP-TS-29	30S	60S	10MR	20S	40S	30.8	60S
1031	IPPSN2020-1031	RWP-TS-19	30S	20S	10MS	20S	60S	27.6	60S
1032	IPPSN2020-1032	RWP-TS-03	10MS	10MS	10MS	20S	40MS	15.2	40MS
1033	IPPSN2020-1033	RWP-TS-35	20S	5S	0	5S	60S	18	60S
1034	IPPSN2020-1034	RWP-TS-36	20S	10S	10MR	10S	40S	16.8	40S
1035	IPPSN2020-1035	RWP-TS-22	30S	20S	60S	40S	80S	46	80S
1036	IPPSN2020-1036	RWP-TS-38	10MS	10S	TR	10S	20MS	8.8	20MS
1037	IPPSN2020-1037	RWP-TS-25	30S	40S	40S	20S	40S	34	40S
1038	IPPSN2020-1038	NEP-TS-23	10MS	0	TR	TMS	20S	5.8	20S
1039	IPPSN2020-1039	DWAP-TS-04	20MS	10S	10MS	20S	20MS	14	20S
1040	IPPSN2020-1040	DWAP-TS-29	20S	60S	TR	10MS	60S	29.6	60S
1040A	INFECTOR		80S	60S	100S	80S	100S	84	100S
1041	IPPSN2020-1041	DWAP-TS-07	40S	10S	TR	5S	20MS	14.2	40S
1042	IPPSN2020-1042	DWAP-TS-26	40S	40S	0	10MS	5MR	18	40S
1043	IPPSN2020-1043	DWAP-TS-28	20S	40S	40MS	0	10S	20.4	40S
1044	IPPSN2020-1044	BST-D-TS-04	10MS	40S	5MR	0	TMR	10.1	40S
1045	IPPSN2020-1045	BST-A-TS-25	10MS	20MS	0	0	20MS	8	20MS
1046	IPPSN2020-1046	BST-A-TS-15	40S	100S	20MS	60S	80S	59.2	100S
1047	IPPSN2020-1047	BST-A-TS-26	40S	100S	10MR	20S	80S	48.8	100S
1048	IPPSN2020-1048	BST-A-TS-17	40S	80S	TR	20S	40S	36	80S
1049	IPPSN2020-1049	BST-A-TS-14	40S	20S	0	10MS	40S	21.6	40S
1050	IPPSN2020-1050	QYT-TS-20	20S	0	0	0	10MR	4.8	20S
1051	IPPSN2020-1051	QYT-TS-02	10MR	40S	10MR	40S	40S	25.6	40S
1052	IPPSN2020-1052	QYT-TS-25	40S	40S	TR	10S	60S	30	60S
1053	IPPSN2020-1053	PYT-TS-SR-15	10MR	10S	10MS	0	10MR	5.2	10S
1054	IPPSN2020-1054	RWP-IR-LS-13	60S	80S	10MR	60S	60S	52.8	80S
1055	IPPSN2020-1055	RWP-IR-LS-07	40S	80S	TR	5MS	40S	32.8	80S
1056	IPPSN2020-1056	RWP-IR-LS-12	20S	0	0	0	20MS	7.2	20S
1057	IPPSN2020-1057	RWP-IR-LS-05	20S	80S	10MS	60S	60S	45.6	80S
1058	IPPSN2020-1058	RWP-IR-LS-10	10MS	20S	10MR	0	10MR	7.2	20S
1059	IPPSN2020-1059	RWP-IR-LS-04	40MS	80S	0	10S	40S	32.4	80S
1060	IPPSN2020-1060	RWP-IR-LS-02	TMR	60S	TR	10MS	40MR	16.9	60S
1060A	INFECTOR		60S	60S	100S	80S	100S	80	100S
1061	IPPSN2020-1061	RWP-IR-LS-06	40S	80S	10MS	10S	20MS	30.8	80S
1062	IPPSN2020-1062	NEPZ-LS-24	10MS	60S	10MR	0	20MR	16	60S*
1063	IPPSN2020-1063	NEPZ-LS-25	40S	80S	20S	40S	60S	48	80S

1064	IPPSN2020-1064	NEPZ-LS-08	20S	20MS	0	0	5MR	7.6	20S
1065	IPPSN2020-1065	NEPZ-LS-17	20S	40S	0	20S	20S	20	40S
1066	IPPSN2020-1066	NEPZ-LS-04	TMR	80S	10MR	0	5MR	17.3	80S*
1067	IPPSN2020-1067	NEPZ-LS-12	10MS	40S	0	0	20S	13.6	40S
1068	IPPSN2020-1068	NEPZ-LS-09	40S	100S	0	40S	60S	48	100S
1069	IPPSN2020-1069	DWAP-LS-06	20MS	40S	0	20S	20S	19.2	40S
1070	IPPSN2020-1070	DWAP-LS-07	40S	60S	40S	10MS	40S	37.6	60S
1071	IPPSN2020-1071	DWAP-LS-11	10MS	10MS	TR	0	20MS	6.4	20MS
1072	IPPSN2020-1072	DWAP-LS-08	10S	40S	0	0	40S	18	40S
1073	IPPSN2020-1073	DWAP-LS-13	40S	20MS	0	TMR	60S	23.3	60S
1074	IPPSN2020-1074	DWAP-LS-16	10MS	40S	0	15S	20S	16.6	40S
1075	IPPSN2020-1075	DWAP-LS-19	TR	20MS	0	0	0	3.2	20MS
1076	IPPSN2020-1076	DWAP-LS-14	20S	0	0	20S	20MS	11.2	20S
1077	IPPSN2020-1077	BST-A-LS-01	20S	10S	0	10S	40S	16	40S
1078	IPPSN2020-1078	BST-A-LS-10	10S	40S	0	0	20S	14	40S
1079	IPPSN2020-1079	BST-A-LS-02	10MR	10S	0	TMS	5MS	3.8	10S
1080	IPPSN2020-1080	BST-A-LS-07	5MS	10MR	0	0	10MR	2.4	10MR
1080A	INFECTOR		80S	80S	100S	60S	100S	84	100S
1081	IPPSN2020-1081	BST-A-LS-03	40S	10MS	0	0	30S	15.6	40S
1082	IPPSN2020-1082	QYT-LS-1944	40S	10S	0	0	40S	18	40S
1083	IPPSN2020-1083	QYT-LS-1950	40S	5S	0	0	30S	15	40S
1084	IPPSN2020-1084	QYT-LS-1943	40S	20S	0	10S	60S	26	60S
1085	IPPSN2020-1085	QYT-LS-1958	TMR	0	0	0	20MS	3.3	20MS
1086	IPPSN2020-1086	GRU/2019-20/13	40S	10S	0	10MS	40S	19.6	40S
1087	IPPSN2020-1087	RWP-RI-14	20S	20S	0	0	40MS	14.4	40MS
1088	IPPSN2020-1088	RWP-RI-16	40S	40S	0	20MS	60S	31.2	60S
1089	IPPSN2020-1089	RWP-RI-02	TMR	5MR	0	0	10MR	1.3	10MR
1090	IPPSN2020-1090	RWP-RI-06	10MS	0	0	0	10MS	3.2	10MS
1091	IPPSN2020-1091	RWP-RI-17	20S	10S	0	0	30MS	10.8	30MS
1092	IPPSN2020-1092	RWP-RI-07	40S	80S	40S	20S	60S	48	80S
1093	IPPSN2020-1093	RWP-RI-15	40S	20S	0	10MS	60S	25.6	60S
1094	IPPSN2020-1094	RWP-RI-19	20S	20S	0	5MS	60S	20.8	60S
1095	IPPSN2020-1095	NEPZ-RI-15	40S	100S	40S	10S	60S	50	100S
1096	IPPSN2020-1096	NEPZ-RI-06	40S	100S	40S	40S	60S	56	100S
1097	IPPSN2020-1097	NEPZ-RI-03	10S	0	0	10S	20S	8	20S
1098	IPPSN2020-1098	NEPZ-RI-14	5MS	80S	0	0	40MS	23.2	80S
1099	IPPSN2020-1099	DWAP-10	20S	20MS	0	TMS	80S	23.4	80S
1100	IPPSN2020-1100	DWAP-04	10MS	5MR	0	0	40MS	8.4	40MS
1100A	INFECTOR		60S	60S	100S	60S	100S	76	100S
1101	IPPSN2020-1101	DWAP-19	5MS	10S	0	TMR	20MR	4.5	10S
1102	IPPSN2020-1102	DWAP-06	TMR	40S	10MR	5S	40MS	16.3	40S
1103	IPPSN2020-1103	BST-A-RI-1905	10MS	80S	20MS	0	40S	28.8	80S
1104	IPPSN2020-1104	BST-A-RI-1904	40S	10MS	TR	5MS	20MS	13.6	40S
1105	IPPSN2020-1105	BST-A-RI-1907	40S	80S	20MR	15S	60S	40.6	80S
1106	IPPSN2020-1106	QYT-RI-1926	TMR	5S	TR	0	10MS	2.7	10MS
1107	IPPSN2020-1107	QYT-RI-1941	20MS	40S	10MS	0	40S	20.8	40S
1108	IPPSN2020-1108	GRU/2019-20/14	TR	20S	TR	0	10S	6.1	20S
1109	IPPSN2020-1109	HUWL2001	40S	40S	TR	5S	60S	29	60S
1110	IPPSN2020-1110	HUWL2002	20MS	20S	0	0	NG	9	20S
1111	IPPSN2020-1111	HUWL2003	40S	10S	10MR	0	20MS	14	40S
1112	IPPSN2020-1112	HUWL2004	10S	20MS	TR	15S	40S	16.2	40S
1113	IPPSN2020-1113	HUWL2005	40S	10MR	10MS	40S	40S	26.4	40S
1114	IPPSN2020-1114	HUWL2006	TMR	10MR	0	0	5MR	1.3	10MR
1115	IPPSN2020-1115	HUWL2007	20MS	80S	0	0	40S	27.2	80S
1116	IPPSN2020-1116	HUWL2008	40S	80S	10MS	10MS	60S	39.2	80S
1117	IPPSN2020-1117	HUWL2009	NG	20S	0	NG	NG	NG	NG
1118	IPPSN2020-1118	HUWL2010	40S	60S	60S	20S	80S	52	80S
1119	IPPSN2020-1119	HUWL2011	TR	40S	0	NG	10MR	11.1	40S
1120	IPPSN2020-1120	HUWL2012	10MS	20S	10MS	0	20S	11.2	20S
1120A	INFECTOR		80S	80S	100S	60S	100S	84	100S
1121	IPPSN2020-1121	HUWL2013	TR	5MR	0	0	10MR	1.2	10MR
1122	IPPSN2020-1122	HUWL2014	20S	60S	0	10S	60S	30	60S
1123	IPPSN2020-1123	HUWL2015	5MS	20S	0	0	10MR	5.6	20S
1124	IPPSN2020-1124	HUWL2016	10MS	40S	0	0	10MR	10.4	40S
1125	IPPSN2020-1125	HUWL2017	20S	80S	0	0	60S	32	80S
1126	IPPSN2020-1126	HUWL2018	20S	80S	TR	0	20MS	23.2	80S
1127	IPPSN2020-1127	HUWL2019	20S	60S	0	20S	60S	32	60S
1128	IPPSN2020-1128	HUWL2020	20S	5S	40S	5MS	40S	21.8	40S
1129	IPPSN2020-1129	HUWL2021	40S	80S	0	15S	60S	39	80S
1130	IPPSN2020-1130	HUWL2022	40S	60S	10MR	0	40MS	27.2	60S

1131	IPPSN2020-1131	HUWL2023	20S	60S	0	15MS	40MS	24.8	60S
1132	IPPSN2020-1132	HUWL2024	40S	60S	20S	TS	40S	32.2	60S
1133	IPPSN2020-1133	HUWL2025	40S	100S	10MS	10MS	60S	43.2	100S
1134	IPPSN2020-1134	HUWL2026	20S	80S	10MS	10S	80S	39.6	80S
1135	IPPSN2020-1135	HUWL2027	20S	60S	20MS	TMS	30S	25.4	60S
1136	IPPSN2020-1136	HUWL2028	40MS	10MS	20MS	5MS	60S	24	60S
1137	IPPSN2020-1137	HUWL2029	40S	60S	TR	0	60S	32	60S
1138	IPPSN2020-1138	HUWL2030	20S	20S	0	0	40MR	11.2	20S
1139	IPPSN2020-1139	HUWL2031	5MS	10S	TR	TMS	0	3	10S
1140	IPPSN2020-1140	HUWL2032	40S	40S	10MS	0	60S	29.6	60S
1140A	INFECTOR		80S	60S	100S	60S	100S	80	100S
1141	IPPSN2020-1141	HUWL2033	5MS	10MS	TR	5MS	20MR	4.8	10MS
1142	IPPSN2020-1142	HUWL2034	20S	20MS	0	0	20S	11.2	20S
1143	IPPSN2020-1143	HUWL2035	40S	80S	10MS	TMR	40MS	32.1	80S
1144	IPPSN2020-1144	HUWL2036	40S	0	0	0	80S	24	80S
1145	IPPSN2020-1145	HUWL2037	40S	0	0	0	60S	20	60S
1146	IPPSN2020-1146	HUWL2038	40S	0	10MS	0	40S	17.6	40S
1147	IPPSN2020-1147	HUWL2039	NG	0	NG	NG	NG	NG	NG
1148	IPPSN2020-1148	HUWL2040	10S	0	10MS	0	20MS	6.8	20MS
1149	IPPSN2020-1149	BW17R2038	40S	20MS	40S	10MS	60S	32.8	60S
1150	IPPSN2020-1150	BW17R6045	40S	0	40S	10MS	80S	33.6	80S
1151	IPPSN2020-1151	Sahib 2603	10MS	0	0	0	10MR	2.4	10MS
1152	IPPSN2020-1152	920(d)	TMR	10S	0	0	10MR	2.9	10S
1153	IPPSN2020-1153	926	40S	5MR	0	0	40S	16.4	40S
1154	IPPSN2020-1154	946	TMR	0	0	0	0	0.1	TMR
1155	IPPSN2020-1155	948	10MS	5MR	0	0	10MR	2.8	10MS
1156	IPPSN2020-1156	1006	10MS	5MR	TR	0	20MR	3.6	10MS
1157	IPPSN2020-1157	1013	40S	5MR	TR	0	40MS	14.8	40S
1158	IPPSN2020-1158	1117	TR	0	TR	0	5MR	0.5	5MR
1159	IPPSN2020-1159	1119	5MS	0	0	0	10MS	2.4	10MS
1160	IPPSN2020-1160	1216	10MS	5MR	0	0	10MR	2.8	10MS
1160A	INFECTOR		80S	60S	100S	80S	100S	84	100S
1161	IPPSN2020-1161	1322	40S	0	10MR	5MS	20S	13.6	40S
1162	IPPSN2020-1162	RAUW 11	NG	0	NG	NG	NG	NG	NG
1163	IPPSN2020-1163	RAUW 12	NG	0	10MS	TMR	NG	NG	NG
1164	IPPSN2020-1164	RAUW 13	10S	0	10MS	0	20S	7.6	20S
1165	IPPSN2020-1165	RAUW 14	20S	0	NG	20S	NG	13.3	20S
1166	IPPSN2020-1166	RAUW 15	20S	10S	10MS	0	20MS	10.8	20S
1167	IPPSN2020-1167	WR 2065	5MS	20S	0	0	40MR	8	20S
1168	IPPSN2020-1168	WR 2066	5MS	10S	0	0	10MR	3.6	10S
1169	IPPSN2020-1169	WR 2067	5MR	20MS	10MR	0	20MR	6	20MS
1170	IPPSN2020-1170	WR 2068	5MS	5MR	0	0	TMR	1.3	5MS
1171	IPPSN2020-1171	WR 2069	TMR	10MR	0	0	5R	1.1	10MR
1172	IPPSN2020-1172	WR 2070	TMR	20S	0	0	0	4.1	20S
1173	IPPSN2020-1173	WR 2071	40S	80S	10MS	0	60S	37.6	80S
1174	IPPSN2020-1174	WR 2072	40S	80S	10MR	0	60S	36.8	80S
1175	IPPSN2020-1175	WR 2073	20S	100S	0	20S	60S	40	100S
1176	IPPSN2020-1176	WR 2074	20S	100S	10MS	20S	60S	41.6	100S
1177	IPPSN2020-1177	WR 2075	20S	40S	0	5S	60S	25	60S
1178	IPPSN2020-1178	WR 2076	40S	80S	0	0	60S	36	80S
1179	IPPSN2020-1179	WR 2077	40S	80S	80S	40S	80S	64	80S
1180	IPPSN2020-1180	WR 2078	40S	80S	80S	40S	80S	64	80S
1180A	INFECTOR		60S	80S	100S	80S	100S	84	100S
1181	IPPSN2020-1181	WR 2079	10MS	100S	10MS	R	40MS	29.6	100S
1182	IPPSN2020-1182	WR 2080	TR	20MR	0	0	5MR	2	20MR
1183	IPPSN2020-1183	WR 2081	20R	60S	0	0	40S	20.8	60S
1184	IPPSN2020-1184	WR 2082	TMR	10MR	0	0	5MR	1.3	10MR
1185	IPPSN2020-1185	WR 2083	20S	20S	10MR	TS	40MS	15.4	40MS
1186	IPPSN2020-1186	WR 2084	40S	40S	10MS	20S	80S	37.6	80S
1187	IPPSN2020-1187	WR 2085	TR	10MR	0	0	10MR	1.6	10MR
1188	IPPSN2020-1188	WR 2086	10MS	10MS	0	0	10MR	4	10MS
1189	IPPSN2020-1189	WR 2087	20S	80S	20MS	0	60S	35.2	80S
1190	IPPSN2020-1190	WR 2088	10MS	80S	20MS	5S	NG	27.3	80S
1191	IPPSN2020-1191	WR 2089	TMR	10MS	10MR	0	TR	2.5	10MS
1192	IPPSN2020-1192	WR 2090	TR	10S	0	0	20MR	3.6	10S
1193	IPPSN2020-1193	WR 2091	TR	5MR	0	0	20MR	2	20MR
1194	IPPSN2020-1194	WR 2092	TR	0	0	0	10MS	1.6	10MS
1195	IPPSN2020-1195	WR 2093	TR	0	0	0	0	0	TR
1196	IPPSN2020-1196	WR 2094	TR	5MR	0	0	0	0.4	5MR
1197	IPPSN2020-1197	WR 2095	TR	10MR	0	0	10MR	1.6	10MR

1198	IPPSN2020-1198	WR 2096	10S	80S	0	0	40S	26	80S
1199	IPPSN2020-1199	WR 2097	10MS	60S	20MR	0	20MR	16.8	60S
1200	IPPSN2020-1200	WR 2098	20S	80S	10MR	0	20MS	24	80S
1200A	INFECTOR		80S	80S	100S	60S	100S	84	100S
1201	IPPSN2020-1201	WR 2099	10MS	10S	20MS	20S	40MS	17.2	40MS
1202	IPPSN2020-1202	WR 2100	20MS	10S	TR	0	20MS	8.4	20MS
1203	IPPSN2020-1203	WR 2101	20MS	0	0	40S	60S	23.2	60S
1204	IPPSN2020-1204	WR 2102	10S	40S	10MR	20S	60S	26.8	60S
1205	IPPSN2020-1205	WR 2103	10S	0	0	20S	60S	18	60S
1206	IPPSN2020-1206	WR 2104	TR	0	0	10MS	0	1.6	10MS
1207	IPPSN2020-1207	WR 2105	TR	0	0	0	20MS	3.2	20MS
1208	IPPSN2020-1208	WR 2106	TR	40S	TR	0	40MR	11.3	40S
1209	IPPSN2020-1209	WR 2107	10S	0	10MS	20S	80S	23.6	80S
1210	IPPSN2020-1210	WR 2108	TR	0	TR	0	20S	4.1	20S
1211	IPPSN2020-1211	WR 2109	10S	10MS	0	0	20S	7.6	20S
1212	IPPSN2020-1212	WR 2110	20S	5S	TR	10S	40S	15	40S
1213	IPPSN2020-1213	WR 2111	20S	0	5MR	10S	40S	14.4	40S
1214	IPPSN2020-1214	WR 2112	20S	10S	0	0	40S	14	40S
1215	IPPSN2020-1215	WR 2113	TR	5MR	0	TMR	40S	8.5	40S
1216	IPPSN2020-1216	WR 2114	TR	5MR	0	0	20MS	3.6	20MS
1217	IPPSN2020-1217	TAW40	20S	20S	0	20S	60S	24	60S
1218	IPPSN2020-1218	TAW41	TR	0	0	10S	40MS	8.4	40MS
1219	IPPSN2020-1219	TAW66	20S	0	0	15S	40S	15	40S
1220	IPPSN2020-1220	TAW90	20MS	0	0	0	40S	11.2	40S
1220A	INFECTOR		60S	60S	100S	60S	100S	76	100S
1221	IPPSN2020-1221	TAW99	20MS	5MR	10MS	10S	40S	15.2	40S
1222	IPPSN2020-1222	TAW100	20S	20S	0	TMS	40S	16.2	40S
1223	IPPSN2020-1223	TAW101	10MR	5MR	0	0	20MR	2.8	20MR
1224	IPPSN2020-1224	TAW76	10MS	20S	0	10S	60S	19.6	60S
1225	IPPSN2020-1225	TAW77	20S	40S	0	40S	60S	32	60S
1226	IPPSN2020-1226	TAW121	20MS	80S	0	0	40MS	25.6	80S
1227	IPPSN2020-1227	TAW133	10MR	0	0	0	5MR	1.2	10MR
1228	IPPSN2020-1228	TAW142	20MS	20S	0	0	60S	19.2	60S
1229	IPPSN2020-1229	BWL 6801	30S	40S	0	20S	40S	26	40S
1230	IPPSN2020-1230	BNSR-6	10MS	60S	0	0	40MS	20	60S
1231	IPPSN2020-1231	UP 3101	10MR	5MR	0	0	20MR	2.8	20MR
1232	IPPSN2020-1232	IND 573	10MR	10MR	0	0	20MR	3.2	20MR
1233	IPPSN2020-1233	MACS 6823	10MS	40S	0	R	0	9.6	40S
1234	IPPSN2020-1234	QLD 117	20MS	20S	0	20S	NG	14	20S
1235	IPPSN2020-1235	MACS 6821	30S	60S	40S	40S	60S	46	60S
1236	IPPSN2020-1236	NEQ-2020-2	30S	100S	40S	20S	80S	54	100S
1237	IPPSN2020-1237	BWL 9986	30S	80S	0	10S	40S	32	80S
1238	IPPSN2020-1238	UASQ 331	TMR	80S	0	0	20MR	17.7	80S
1239	IPPSN2020-1239	CG 2021	10MR	60S	10MS	0	20S	18.4	60S
1240	IPPSN2020-1240	MACS 6822	20S	10MR	TR	0	20S	8.8	20S
1240A	INFECTOR		60S	60S	100S	60S	100S	76	100S
1241	IPPSN2020-1241	QLD 120	10MS	5MR	10MS	0	0	3.6	10MS
1242	IPPSN2020-1242	UP 3104	10MR	5MR	0	0	0	1.2	10MR
1243	IPPSN2020-1243	GW-A-2020-999	TR	40S	0	0	20MR	9.6	40S
1244	IPPSN2020-1244	DWAP-2026	TR	20MS	0	0	20MS	6.4	20MS
1245	IPPSN2020-1245	ID 2017	TR	80S	0	0	5MR	16.4	80S
1246	IPPSN2020-1246	DWAP 1926	10MS	100S	0	0	5R	21.8	100S
1247	IPPSN2020-1247	BWL 9981	10MS	10S	0	0	20MS	6.8	20MS
1248	IPPSN2020-1248	MACS 6824	TR	0	0	0	0	0	TR
1249	IPPSN2020-1249	QLD 119	10MS	5MR	0	0	0	2	10MS
1250	IPPSN2020-1250	IND 572	TR	10MR	0	0	5MR	1.2	10MR
1251	IPPSN2020-1251	QLD 121	TR	5MR	0	5S	NG	1.8	5S
1252	IPPSN2020-1252	QBI-19 - 09	TR	20S	0	0	20S	8	20S
1253	IPPSN2020-1253	QLD 118	30S	20S	0	40S	60S	30	60S
1254	IPPSN2020-1254	GW - A- 2019-955	TR	10MS	0	0	10MR	2.4	10MS
1255	IPPSN2020-1255	QBI 19-27	TR	5MR	0	0	40MR	3.6	40MR
1256	IPPSN2020-1256	QBP-18-15	20MR	60S	0	20S	40S	25.6	60S
1257	IPPSN2020-1257	RWP 1002	10MR	20MS	0	TMS	20MS	7.4	20MS
1258	IPPSN2020-1258	QBI-20-20	TR	10MS	0	0	5MR	2	10MS
1259	IPPSN2020-1259	GW-A-2020-1002	TR	10MS	0	0	40MR	4.8	40MR
1260	IPPSN2020-1260	QLD 122	10MR	10MR	0	0	20MR	3.2	20MR
1260A	INFECTOR		80S	80S	100S	60S	100S	84	100S
1261	IPPSN2020-1261	CG 2023	30S	10MR	40MS	60S	80S	41.2	80S
1262	IPPSN2020-1262	DWAP 1925	10MR	0	TR	0	10MR	1.6	10MR
1263	IPPSN2020-1263	QBI-20-14	TR	10S	0	0	10MS	3.6	10S

1264	IPPSN2020-1264	QBI 19-24	30S	20S	0	0	80S	26	80S
1265	IPPSN2020-1265	GW-A-2020-998	TR	5MR	0	0	20MR	2	20MR
1266	IPPSN2020-1266	QLD 123	20MS	5MR	0	0	40MR	6.8	20MS
1267	IPPSN2020-1267	RWP 1146	20S	20S	0	0	60S	20	60S
1268	IPPSN2020-1268	DWAP-2025	10S	80S	0	0	80S	34	80S
1269	IPPSN2020-1269	QBI-20-9	20MS	40S	0	0	40S	19.2	40S
1270	IPPSN2020-1270	BNSR-7	20S	5MR	0	0	5MR	4.8	20S
1271	IPPSN2020-1271	HTW 2019-21	TR	60S	0	0	20MR	13.6	60S
1272	IPPSN2020-1272	GW-A-2019-957	TR	0	0	0	5MR	0.4	5MR
1273	IPPSN2020-1273	QBI-19 - 15	TR	0	0	0	5MS	0.8	5MS
1274	IPPSN2020-1274	GW - (d)- 2019-987	TR	20S	0	15MS	20MS	9.6	20S
1275	IPPSN2020-1275	UASQ 330	TR	80S	0	0	10MS	17.6	80S
1276	IPPSN2020-1276	NEQ-2020-1	TR	20S	0	0	5MR	4.4	20S
1277	IPPSN2020-1277	DBW88-1	10S	10S	0	15S	60S	19	60S
1278	IPPSN2020-1278	DBW88-2	10MS	20MS	0	0	40S	12.8	40S
1279	IPPSN2020-1279	DBW88-3	10MS	10MR	0	5MS	40MR	6.4	40MR
1280	IPPSN2020-1280	DBW88-4	30S	5MS	20MS	20S	60S	26	60S
1280A	INFECTOR		60S	80S	100S	40S	100S	76	100S
1281	IPPSN2020-1281	DBW88-5	20S	5MR	20MS	20S	60S	23.6	60S
1282	IPPSN2020-1282	DBW88-6	10S	20S	10MS	0	20S	11.6	20S
1283	IPPSN2020-1283	DBW88-7	10S	5S	10MS	40S	60S	24.6	60S
1284	IPPSN2020-1284	DBW88-8	10MR	20MS	10MS	10S	20MR	9.2	20MS
1285	IPPSN2020-1285	DBW88-9	10S	5MR	20MS	20S	80S	25.6	80S
1286	IPPSN2020-1286	DBW88-10	10S	10S	20S	60S	60S	32	60S
1287	IPPSN2020-1287	DBW88-11	10S	20S	20MS	10S	80S	27.2	80S
1288	IPPSN2020-1288	DBW88-12	10S	20S	0	20S	80S	26	80S
1289	IPPSN2020-1289	DBW88-13	20S	20S	0	10S	60S	22	60S
1290	IPPSN2020-1290	DBW88-14	10S	20S	0	40S	40MS	20.4	40S
1291	IPPSN2020-1291	DBW88-15	10S	20MS	0	0	20MS	8.4	20MS
1292	IPPSN2020-1292	DBW88-16	20MS	40S	0	20S	40MS	21.6	40S
1293	IPPSN2020-1293	DBW88-17	20MS	40S	0	5S	40MS	18.6	40S
1294	IPPSN2020-1294	DBW88-18	20MS	60S	0	5S	40MS	22.6	60S
1295	IPPSN2020-1295	DBW88-19	10MS	20S	0	0	20MS	8.8	20S
1296	IPPSN2020-1296	DBW88-20	10S	5S	0	20S	60S	19	60S
1297	IPPSN2020-1297	DBW88-21	10S	10S	0	0	60S	16	60S
1298	IPPSN2020-1298	DBW88-22	10S	0	0	5S	20MS	6.2	20MS
1299	IPPSN2020-1299	DBW88-23	10S	40S	0	10S	80S	28	80S
1300	IPPSN2020-1300	DBW88-24	20MS	20S	0	0	60S	19.2	60S
1300A	INFECTOR		80S	60S	100S	60S	100S	80	100S
1301	IPPSN2020-1301	KRL-2001	20S	80S	TR	20S	80S	40	80S
1302	IPPSN2020-1302	KRL-2006	20S	5S	TR	40S	80S	29	80S
1303	IPPSN2020-1303	KRL-2009	TMR	0	TR	0	0	0.1	TMR
1304	IPPSN2020-1304	KRL-2011	TR	5MR	0	0	0	0.4	5MR
1305	IPPSN2020-1305	KRL-2012	TMR	10S	0	10MS	10MR	4.5	10S
1306	IPPSN2020-1306	KRL-2017	5S	5MR	0	0	10MS	3	10MS
1307	IPPSN2020-1307	KRL-2018	10S	80S	0	40S	80S	42	80S
1308	IPPSN2020-1308	KRL-2023	10S	0	0	10S	40MS	10.4	40MS
1309	IPPSN2020-1309	KRL-2026	10S	10S	10MR	0	20S	8.8	20S
1310	IPPSN2020-1310	KRL-2027	5S	5MR	0	10S	40S	11.4	40S
1311	IPPSN2020-1311	RWP1116	20MS	5MS	0	0	40S	12	40S
1312	IPPSN2020-1312	RWP1119	TR	5S	0	0	5MR	1.4	5S
1313	IPPSN2020-1313	LBP-2019-14	10S	5S	TR	0	20MS	6.2	20MS
1314	IPPSN2020-1314	LBP-2019-21	10S	5MR	TR	15MS	10MS	6.4	15MS
1315	IPPSN2020-1315	LBP-2019-31	20S	80S	20MS	40S	80S	47.2	80S
1316	IPPSN2020-1316	DWAP2022	5S	10S	0	5S	40S	12	40S
1317	IPPSN2020-1317	DWAP2023	20S	0	TR	10S	40S	14	40S
1318	IPPSN2020-1318	DWAP2024	20S	5MR	0	5MS	20MS	8.4	20S
1319	IPPSN2020-1319	SANSR-8	10S	40S	0	10S	20MS	15.2	40S
1320	IPPSN2020-1320	SANSR-9	10S	0	0	0	10MS	3.6	10S
1320A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1321	IPPSN2020-1321	HD3414	10S	0	20MS	15S	60S	20.2	60S
1322	IPPSN2020-1322	HD3415	20MS	20S	0	20S	40S	19.2	40S
1323	IPPSN2020-1323	K1901	5S	20S	0	10S	40MS	13.4	40MS
1324	IPPSN2020-1324	K1905	10S	10S	0	10S	40MS	12.4	40MS
1325	IPPSN2020-1325	NW-8003	20S	10S	0	0	20MS	9.2	20S
1326	IPPSN2020-1326	NW-8005	TMR	5S	0	20S	20MS	8.3	20S
1327	IPPSN2020-1327	WH1278	TMR	10S	0	0	40MR	5.3	40MR
1328	IPPSN2020-1328	WH1283	10S	10S	0	0	20MS	7.2	20MS
1329	IPPSN2020-1329	BWL5179	20MS	10S	10MS	0	40MR	10	20MS
1330	IPPSN2020-1330	BWL6851	10S	5S	0	20S	60S	19	60S

1331	IPPSN2020-1331	RAJ4564	20S	40S	0	20S	40S	24	40S
1332	IPPSN2020-1332	RAJ4565	20S	5S	0	10S	60S	19	60S
1333	IPPSN2020-1333	UASS300	20S	0	0	20S	80S	24	80S
1334	IPPSN2020-1334	UASS310	20S	5S	TR	20S	40S	17	40S
1335	IPPSN2020-1335	KRL210 ©	20S	80S	TR	10S	60S	34	80S
1336	IPPSN2020-1336	KRL19 ©	10S	5S	0	10MS	40S	12.6	40S
1337	IPPSN2020-1337	CST-1	20S	0	0	0	60S	16	60S
1338	IPPSN2020-1338	CST-2	10S	5S	0	TMS	40MS	9.6	40MS
1339	IPPSN2020-1339	CST-3	10S	5S	0	0	40MS	9.4	40MS
1340	IPPSN2020-1340	CST-4	20MS	0	0	0	40MS	9.6	40MS
1340A	INFECTOR		80S	60S	100S	80S	100S	84	100S
1341	IPPSN2020-1341	CST-5	20S	0	0	0	60S	16	60S
1342	IPPSN2020-1342	CST-6	10S	10S	0	20S	40S	16	40S
1343	IPPSN2020-1343	CST-7	10S	60S	TR	15S	60S	29	60S
1344	IPPSN2020-1344	CST-8	20S	40S	TR	40S	60S	32	60S
1345	IPPSN2020-1345	CST-9	20S	20S	TR	40S	60S	28	60S
1346	IPPSN2020-1346	CST-10	20S	20S	10MR	10S	60S	22.8	60S
1347	IPPSN2020-1347	CST-11	10S	5S	0	20S	40S	15	40S
1348	IPPSN2020-1348	CST-12	10S	20S	0	0	5S	7	20S
1349	IPPSN2020-1349	CST-13	20S	5S	0	20S	60S	21	60S
1350	IPPSN2020-1350	CST-14	10S	0	0	10MS	40MS	10	40MS
1351	IPPSN2020-1351	CST-15	10S	80S	0	10MS	40MS	26	80S
1352	IPPSN2020-1352	CST-16	20S	80S	0	20S	60S	36	80S
1353	IPPSN2020-1353	CST-17	30S	60S	40S	40S	80S	50	80S
1354	IPPSN2020-1354	CST-18	20S	10S	0	0	80S	22	80S
1355	IPPSN2020-1355	CST-19	10S	10MS	0	0	40MS	10	40MS
1356	IPPSN2020-1356	CST-20	TR	0	0	0	5S	1	5S
1357	IPPSN2020-1357	CST-21	TR	5S	0	0	5MS	1.8	5S
1358	IPPSN2020-1358	CST-22	10S	10S	0	5MS	40MS	11.2	40MS
1359	IPPSN2020-1359	CST-23	30S	5S	0	10S	40S	17	40S
1360	IPPSN2020-1360	CST-24	20S	5MR	0	10MS	60S	18	60S
1360A	INFECTOR		80S	60S	100S	60S	100S	80	100S
1361	IPPSN2020-1361	CST-25	30S	40S	0	20S	40MS	24.4	40S
1362	IPPSN2020-1362	WSM 138	20MS	10S	0	0	10MR	6	20MS

IPPSN 2020-21**Leaf rust (South)**

IPPSN No.	Entry code	Entry	Mahabaleshwar	Wellington	Powarkheda	Niphad	Indore	Mean	HS
1	IPPSN2020-1	BWL7720	TMR	0	20MS	0	20S	7.3	20S
2	IPPSN2020-2	BWL7721	TMR	0	TR	R	10S	2.2	10S
3	IPPSN2020-3	BWL7722	5S	0	TR	0	0	1	5S
4	IPPSN2020-4	BWL7723	TMS	0	10MS	0	0	1.8	10MS
5	IPPSN2020-5	BWL7724	5S	0	10MS	0	0	2.6	10MS
6	IPPSN2020-6	BWL7725	TMS	0	10MS	0	5MS	2.6	10MS
7	IPPSN2020-7	BWL7726	TMR	0	TR	R	10S	2.2	10S
8	IPPSN2020-8	BWL7727	10S	10S	0	10MS	5S	6.6	10S
9	IPPSN2020-9	BWL7728	5S	5S	0	0	10S	4	10S
10	IPPSN2020-10	BWL7729	5S	5S	10MR	10MS	0	4.4	10MS
11	IPPSN2020-11	BWL7730	10S	5S	20MS	20MS	0	9.4	20MS
12	IPPSN2020-12	BWL7731	5S	5S	10MS	20MS	0	6.8	20MS
13	IPPSN2020-13	BWL7732	5S	5S	10MS	10MS	0	5.2	10MS
14	IPPSN2020-14	BWL7733	10S	0	40S	R	0	10	40S
15	IPPSN2020-15	BWL7734	5S	5MS	10MR	R	0	2.6	5MS
16	IPPSN2020-16	BWL7735	5S	10S	20MS	10MS	10S	9.8	20MS
17	IPPSN2020-17	BWL7736	TMR	0	TR	0	0	0.1	TMR
18	IPPSN2020-18	BWL7737	TR	0	5MR	0	0	0.4	5MR
19	IPPSN2020-19	BWL7738	TR	0	TR	R	0	0.1	TR
20	IPPSN2020-20	BWL7739	TR	10S	20MS	R	0	5.3	20MS
20A	INFECTOR		80S	40S	80S	80S	100S	76	100S
21	IPPSN2020-21	BWL7740	TR	20S	20MS	0	0	7.2	20S
22	IPPSN2020-22	BWL7741	TR	0	0	0	0	0	TR
23	IPPSN2020-23	BWL7742	TR	0	0	R	5S	1.1	5S
24	IPPSN2020-24	BWL7743	TR	0	10MR	R	0	0.9	10MR
25	IPPSN2020-25	BWL7744	10MR	0	TR	R	5MS	1.7	5MS
26	IPPSN2020-26	BWL7745	10S	10S	TR	10MR	5MS	5.6	10S
27	IPPSN2020-27	BWL7746	TMR	10S	20MR	R	20S	7.7	20S
28	IPPSN2020-28	BWL7747	TMR	0	0	R	10S	2.1	10S
29	IPPSN2020-29	BWL7748	TMR	5S	0	R	0	1.1	5S
30	IPPSN2020-30	BWL7749	TMR	10S	0	TMR	5MS	3	10S
31	IPPSN2020-31	BWL7750	20MS	20S	0	5MR	5MS	8.4	20S
32	IPPSN2020-32	BWL7751	10S	10S	10MS	5MR	20S	10	20S
33	IPPSN2020-33	BWL7752	TMR	0	20MR	0	0	1.7	20MR
34	IPPSN2020-34	BWL7753	TR	5MR	20MS	0	0	3.6	20MS
35	IPPSN2020-35	BWL7754	TMR	0	TR	R	0	0.2	TMR
36	IPPSN2020-36	BWL7755	TR	0	TR	0	0	0.1	TR
37	IPPSN2020-37	BWL7756	TMR	10S	10MR	R	0	2.9	10S
38	IPPSN2020-38	BWL7757	TR	0	TR	0	0	0.1	TR
39	IPPSN2020-39	BWL7758	20MS	20S	0	20MS	0	10.4	20S
40	IPPSN2020-40	BWL 7466	TMR	20S	0	15MR	0	5.3	20S
40A	INFECTOR		80S	80S	100S	80S	100S	88	100S
41	IPPSN2020-41	BWL 8231	TMR	5S	10MS	5MR	0	3.1	10MS
42	IPPSN2020-42	BWL 8846	TMR	5S	20S	R	5MS	5.9	20S
43	IPPSN2020-43	BWL 8878	TMR	5S	TR	TMR	0	1.2	5S
44	IPPSN2020-44	BWL 8946	TR	5S	20MS	20MS	0	7.4	20MS
45	IPPSN2020-45	BWL 8965	TMR	5MR	10MR	5MS	0	2.1	5MS
46	IPPSN2020-46	BWL 9042	TR	0	TR	R	0	0.1	TR
47	IPPSN2020-47	BWL 9074	TMR	0	10MS	10MS	0	3.3	10MS
48	IPPSN2020-48	BWL 9107	20S	0	40S	20MS	10S	17.2	40S
49	IPPSN2020-49	BWL 9168	TMR	20S	10MS	0	20MS	8.9	20S
50	IPPSN2020-50	BWL 9183	10MS	10S	TR	0	0	3.6	10S
51	IPPSN2020-51	BWL 9187	5S	10S	20MR	20S	0	8.6	20S
52	IPPSN2020-52	BWL 9228	TMR	0	TR	R	0	0.2	TMR
53	IPPSN2020-53	BWL 9242	TMR	0	0	TMR	10MS	1.8	10MS
54	IPPSN2020-54	BWL 9244	20S	20S	TR	30MS	10S	14.8	30MS
55	IPPSN2020-55	BWL 9264	TMR	0	20MR	R	10S	3.7	10S
56	IPPSN2020-56	BWL 9297	TMS	5S	10MS	0	0	2.8	10MS
57	IPPSN2020-57	BWL 9304	10S	0	20MS	5MS	0	6	20MS
58	IPPSN2020-58	BWL 9307	TR	0	TR	R	0	0.1	TR
59	IPPSN2020-59	BWL 9312	TR	0	10MS	0	0	1.6	10MS
60	IPPSN2020-60	BWL 9330	TMR	0	20S	R	0	4.1	20S
60A	INFECTOR		80S	80S	100S	80S	100S	88	100S
61	IPPSN2020-61	BWL 9344	TMS	0	10MS	R	10MS	3.4	10MS
62	IPPSN2020-62	BWL 9421	20MS	0	20MS	R	5MS	7.2	20MS
63	IPPSN2020-63	BWL 9437	TR	0	TR	R	0	0.1	TR

64	IPPSN2020-64	BWL 9440	TMS	10S	10MR	5MS	5S	4.8	10S
65	IPPSN2020-65	BWL 9449	TR	0	TR	R	0	0.1	TR
66	IPPSN2020-66	BWL 9453	5S	0	20MR	0	20MS	5.8	20MS
67	IPPSN2020-67	BWL 9455	10MS	5S	10MR	R	10S	5.4	10S
68	IPPSN2020-68	BWL 9461	10S	20S	10MS	15MS	5S	11	20S
69	IPPSN2020-69	BWL 9472	TMR	20S	5MR	5MR	0	4.9	20S
70	IPPSN2020-70	BWL 9499	TMR	0	TR	0	0	0.1	TMR
71	IPPSN2020-71	BWL 9505	TMR	20S	0	R	0	4.1	20S
72	IPPSN2020-72	BWL 9508	TR	0	0	0	10S	2	10S
73	IPPSN2020-73	BWL 9509	TMR	10S	0	0	10S	4.1	10S
74	IPPSN2020-74	BWL 9512	TMR	0	20MS	0	0	3.3	20MS
75	IPPSN2020-75	BWL 9520	TMR	5S	10MS	0	20S	6.7	20S
76	IPPSN2020-76	BWL 9525	TMR	40S	20MR	15MS	0	12.1	40S
77	IPPSN2020-77	BWL 9749	TMR	20S	TR	5MS	0	4.9	20S
78	IPPSN2020-78	BWL 9752	TMR	80S	TR	TMR	0	16.2	80S*
79	IPPSN2020-79	BWL 9755	TMR	10MS	0	TMR	0	1.8	10MS
80	IPPSN2020-80	BWL 9758	20MS	20S	10MS	R	0	8.8	20S
80A	INFECTOR		80S	40S	80S	80S	100S	76	100S
81	IPPSN2020-81	BWL 9762	TMR	60S	0	R	0	12.1	60S*
82	IPPSN2020-82	BWL 9799	10MR	0	0	20MS	0	4	20MS
83	IPPSN2020-83	BWL 9800	TMR	20S	TR	R	0	4.2	20S
84	IPPSN2020-84	BWL 9805	10S	10S	10MS	20MS	0	8.8	20MS
85	IPPSN2020-85	BWL 9851	20MS	0	20MS	0	10S	8.4	20MS
86	IPPSN2020-86	BWL 9869	TMR	5S	TR	5MS	0	1.9	5S
87	IPPSN2020-87	BWL 9889	TMR	20S	0	TMR	0	4.2	20S
88	IPPSN2020-88	BWL 9914	10MS	0	0	0	0	1.6	10MS
89	IPPSN2020-89	BWL 9915	20MR	5S	0	5MS	0	3.4	5S
90	IPPSN2020-90	BWL 9916	20MS	5S	0	15MS	20S	10.6	20S
91	IPPSN2020-91	BWL 9921	TR	0	TR	0	0	0.1	TR
92	IPPSN2020-92	BWL 9922	TR	10S	0	10MR	10MS	4.4	10S
93	IPPSN2020-93	BWL 9923	TMR	5MR	0	0	0	0.5	5MR
94	IPPSN2020-94	BWL 9924	TR	40S	0	R	0	8.1	40S
95	IPPSN2020-95	BWL 9925	TMR	40S	20MS	10MS	0	12.9	40S
96	IPPSN2020-96	BWL 9926	TR	5MR	10MS	R	5S	3.1	10MS
97	IPPSN2020-97	BWL 9927	5S	20S	20MR	20MS	0	9.8	20S
98	IPPSN2020-98	BWL 9928	TMS	5S	10MS	20MS	0	6	20MS
99	IPPSN2020-99	BWL 9929	TR	5S	10MS	R	0	2.7	10MS
100	IPPSN2020-100	BWL 9930	10MR	5S	TR	0	0	1.8	5S
100A	INFECTOR		80S	80S	100S	80S	100S	88	100S
101	IPPSN2020-101	BWL 9931	10MR	5S	TR	R	0	1.9	5S
102	IPPSN2020-102	BWL 9932	TR	0	10MS	R	0	1.7	10MS
103	IPPSN2020-103	BWL 9933	TMS	80S	TR	R	0	16.2	80S*
104	IPPSN2020-104	BWL 9934	20MS	60S	20MR	10MR	0	17.6	60S
105	IPPSN2020-105	BWL 9935	10S	20S	20S	5MR	20S	14.4	20S
106	IPPSN2020-106	BWL 9936	20MS	20S	20S	R	40S	19.2	40S
107	IPPSN2020-107	BWL 9937	TMR	0	20MR	0	5MS	2.5	20MR
108	IPPSN2020-108	BWL 9938	10MR	80S	20MS	15MS	0	22.4	80S
109	IPPSN2020-109	BWL 9939	TR	20S	10MS	0	0	5.6	20S
110	IPPSN2020-110	BWL 9940	TR	20S	10MR	R	10S	6.9	20S
111	IPPSN2020-111	BWL 9941	5MS	10S	10MS	0	0	4.4	10S
112	IPPSN2020-112	BWL 9942	TR	20S	20MS	0	0	7.2	20S
113	IPPSN2020-113	BWL 9945	TR	0	20S	0	0	4	20S
114	IPPSN2020-114	BWL 9946	10S	10S	0	0	0	4	10S
115	IPPSN2020-115	BWL 9948	10MS	20S	0	0	0	5.6	20S
116	IPPSN2020-116	BWL 9949	TMS	0	0	TMR	0	0.2	TMS
117	IPPSN2020-117	BWL 9951	TMR	0	0	5MS	0	0.9	5MS
118	IPPSN2020-118	BWL 9954	20MS	0	0	TMR	0	3.3	20MS
119	IPPSN2020-119	BWL 9958	TR	10S	0	0	0	2	10S
120	IPPSN2020-120	BWL 9960	20S	10S	40S	10S	80S	32	80S
120A	INFECTOR		80S	40S	100S	80S	100S	80	100S
121	IPPSN2020-121	BWL 9962	TR	20S	10S	R	0	6.1	20S
122	IPPSN2020-122	BWL 9965	TR	0	20S	R	5MS	4.9	20S
123	IPPSN2020-123	BWL 9966	10S	5S	10MS	15MS	0	7	15MS
124	IPPSN2020-124	BWL9967	5S	0	TR	R	20S	5.1	20S
125	IPPSN2020-125	BWL9968	TMR	5MR	TR	R	0	0.6	5MR
126	IPPSN2020-126	BWL9969	TMR	0	10MR	0	0	0.9	10MR
127	IPPSN2020-127	BWL9970	TMR	5S	20MR	15MS	0	5.1	15MS
128	IPPSN2020-128	BWL9971	10S	0	0	0	20S	6	20S
129	IPPSN2020-129	BWL9972	20MS	5MR	TR	0	0	3.6	20MS
130	IPPSN2020-130	BWL9973	TS	5S	0	0	40S	9.2	40S

131	IPPSN2020-131	BWL9974	TMR	5S	0	10MS	20S	6.7	20S
132	IPPSN2020-132	BWL9975	20MS	5S	10MS	R	0	5.8	20MS
133	IPPSN2020-133	BWL9976	20MR	0	20MS	R	5S	5.8	20MS
134	IPPSN2020-134	BWL9977	TMR	5MS	10MR	R	0	1.7	5MS
135	IPPSN2020-135	BWL9978	20MR	5MS	TR	R	0	2.5	5MS
136	IPPSN2020-136	BWL9979	20MS	60S	10MS	20MS	40S	28	60S
137	IPPSN2020-137	WG2107	20MS	5MS	20MS	TMS	0	7.4	20MS
138	IPPSN2020-138	WG2112	10MR	80S	10S	R	0	18.8	80S
139	IPPSN2020-139	WG2113	20MR	10S	10MR	0	0	4.4	10S
140	IPPSN2020-140	WG2115	20MS	60S	TR	TMR	0	15.3	60S
140A	INFECTOR		80S	60S	80S	80S	100S	80	100S
141	IPPSN2020-141	WG2120	5S	10S	TR	R	0	3.1	10S
142	IPPSN2020-142	WG2121	TMR	0	20MS	TMR	0	3.4	20MS
143	IPPSN2020-143	WG2130	10MS	20S	10MR	R	0	6.4	20S
144	IPPSN2020-144	WG2133	5MR	0	20MR	R	0	2	20MR
145	IPPSN2020-145	WG2152	20S	0	10MR	20S	20S	12.8	20S
146	IPPSN2020-146	WG2157	TR	5S	TR	0	0	1.1	5S
147	IPPSN2020-147	WG2173	TMS	80S	5MR	0	5S	17.6	80S*
148	IPPSN2020-148	WG2176	5S	80S	TR	20S	80S	37	80S
149	IPPSN2020-149	WG2194	10S	80S	TR	10S	0	20	80S
150	IPPSN2020-150	WG2195	TR	40S	0	0	10MS	9.6	40S
151	IPPSN2020-151	WG2205	20MR	60S	0	5MS	5MR	14.8	60S*
152	IPPSN2020-152	WG2206	TR	5MR	0	0	0	0.4	5MR
153	IPPSN2020-153	WG2207	20S	40S	0	30S	40S	26	40S
154	IPPSN2020-154	WG2220	10MR	0	0	R	10MS	2.4	10MS
155	IPPSN2020-155	WG2233	20MS	40S	TR	TMR	0	11.3	40S
156	IPPSN2020-156	WG2248	20MS	60S	0	10MS	0	16.8	60S
157	IPPSN2020-157	WG2251	10S	20S	0	5MS	0	6.8	20S
158	IPPSN2020-158	WG2296	TR	40S	10MR	0	0	8.8	40S
159	IPPSN2020-159	WG2297	TR	5S	20MS	0	0	4.2	20MS
160	IPPSN2020-160	DWG2339	TR	20S	10MR	R	20S	8.9	20S
160A	INFECTOR		80S	40S	100S	80S	100S	80	100S
161	IPPSN2020-161	DWG2352	TR	0	20MS	R	0	3.3	20MS
162	IPPSN2020-162	DWG2358	TR	5S	10MS	R	0	2.7	10MS
163	IPPSN2020-163	DW574	TR	10MS	20MS	R	0	4.9	20MS
164	IPPSN2020-164	DW575	TMR	10S	20S	R	20MS	9.3	20S
165	IPPSN2020-165	DW576	TR	100S	20MS	R	0	23.3	100S
166	IPPSN2020-166	DW577	TR	10S	20MS	R	0	5.3	20MS
167	IPPSN2020-167	DW578	TR	0	TR	R	20S	4.1	20S
168	IPPSN2020-168	DW579	TMR	0	20MR	R	10MR	2.5	20MR
169	IPPSN2020-169	DW580	TR	0	20MS	R	5MS	4.1	20MS
170	IPPSN2020-170	DW581	TR	0	10MS	R	0	1.7	10MS
171	IPPSN2020-171	SKW-361	20MR	0	20MS	10MS	10MS	8	20MS
172	IPPSN2020-172	SKW-362	10S	40S	TR	0	0	10	40S
173	IPPSN2020-173	SKW-363	TMR	20S	TR	R	5MS	5	20S
174	IPPSN2020-174	SKW-364	10MR	10S	TR	10MS	10S	6.4	10S
175	IPPSN2020-175	SKW-365	20MR	20S	0	5MS	0	6.4	20S
176	IPPSN2020-176	NWS2214	20MR	10S	0	20MS	0	6.8	20MS
177	IPPSN2020-177	NWS2222	20MS	10S	0	10MS	0	6.8	20MS
178	IPPSN2020-178	VA 2019-14	20MS	5S	0	R	0	4.2	20MS
179	IPPSN2020-179	VA 2019-06	10MR	0	TR	TMR	5S	1.9	5S
180	IPPSN2020-180	VA 2019-03	TR	0	20MR	R	0	1.7	20MR
180A	INFECTOR		80S	60S	80S	80S	100S	80	100S
181	IPPSN2020-181	VA 2019-15	TR	0	10MS	0	0	1.6	10MS
182	IPPSN2020-182	VA 2019-02	TR	0	20MR	R	0	1.7	20MR
183	IPPSN2020-183	VA 2019-10	TR	5S	TR	20MS	0	4.3	20MS
184	IPPSN2020-184	VA 2019-31	TR	0	10S	R	0	2.1	10S
185	IPPSN2020-185	VA 2019-09	TR	0	20S	0	0	4	20S
186	IPPSN2020-186	VA 2019-37	5MR	0	TR	0	0	0.4	5MR
187	IPPSN2020-187	VA 2019-34	TR	0	TR	R	0	0.1	TR
188	IPPSN2020-188	VA 2019-28	TR	0	10MS	0	0	1.6	10MS
189	IPPSN2020-189	VA 2019-22	TR	0	10MS	0	0	1.6	10MS
190	IPPSN2020-190	VA 2019-24	TMR	0	20MS	5MR	0	3.7	20MS
191	IPPSN2020-191	VA 2019-21	TR	0	10MR	R	0	0.9	10MR
192	IPPSN2020-192	VA 2019-17	TR	0	20MR	R	0	1.7	20MR
193	IPPSN2020-193	VA 2019-20	TR	0	10S	0	0	2	10S
194	IPPSN2020-194	VA 2019-23	TR	20S	5MR	10MS	10MS	7.6	20S
195	IPPSN2020-195	VA 2019-16	20MR	40S	10MS	0	0	11.2	40S
196	IPPSN2020-196	VD 2019-2	TR	0	TR	R	0	0.1	TR
197	IPPSN2020-197	VD 2019-4	TR	5MR	TR	R	10MS	2.1	10MS

198	IPPSN2020-198	VD 2019-5	TR	0	20MR	R	0	1.7	20MR
199	IPPSN2020-199	VD 2019-3	TR	0	10MS	R	0	1.7	10MS
200	IPPSN2020-200	VD 2019-8	TMR	0	TR	R	0	0.2	TMR
200A	INFECTOR		80S	40S	100S	80S	100S	80	100S
201	IPPSN2020-201	VD 2019-1	TMR	0	20S	R	5MS	4.9	20S
202	IPPSN2020-202	J 19-35	10MR	5S	10S	R	0	3.8	10S
203	IPPSN2020-203	J 19-36	10MR	0	0	0	0	0.8	10MR
204	IPPSN2020-204	J 19-29	10MR	20S	0	R	0	4.8	20S
205	IPPSN2020-205	J 19-20	TMR	40S	0	R	0	8.1	40S
206	IPPSN2020-206	J 19-19	TR	20S	0	R	0	4.1	20S
207	IPPSN2020-207	J 19-33	TR	0	0	R	0	0.1	TR
208	IPPSN2020-208	J 19-03	20MR	0	TR	R	0	1.7	20MR
209	IPPSN2020-209	JD 19-08	20MR	10S	20MR	R	5MS	6	10S
210	IPPSN2020-210	GW 1353	TR	0	10MS	R	0	1.7	10MS
211	IPPSN2020-211	DR-19-28	TMR	0	20MS	R	0	3.3	20MS
212	IPPSN2020-212	DR-19-38	10MR	20S	10MR	R	0	5.6	20S
213	IPPSN2020-213	IPPSN-21-01	20MS	60S	10MS	R	0	16.8	60S
214	IPPSN2020-214	IPPSN-21-02	20MR	5MR	TR	R	0	2.1	20MR
215	IPPSN2020-215	IPPSN-21-03	5S	80S	TR	5S	0	18	80S*
216	IPPSN2020-216	IPPSN-21-04	20MR	5MR	TR	R	10MS	3.7	10MS
217	IPPSN2020-217	IPPSN-21-05	5S	5MR	0	5S	0	2.4	5S
218	IPPSN2020-218	IPPSN-21-06	20MR	10MS	0	R	0	3.2	10MS
219	IPPSN2020-219	IPPSN-21-07	20MS	100S	0	R	0	23.2	100S
220	IPPSN2020-220	IPPSN-21-08	10S	0	TR	10MS	30S	9.6	30S
220A	INFECTOR		80S	60S	80S	80S	100S	80	100S
221	IPPSN2020-221	IPPSN-21-09	10MR	0	10MR	R	0	1.6	10MR
222	IPPSN2020-222	IPPSN-21-10	5S	10S	20MS	5S	0	7.2	20MS
223	IPPSN2020-223	IPPSN-21-11	20MR	5MR	TR	0	0	2	20MR
224	IPPSN2020-224	IPPSN-21-12	20MR	60S	TR	R	0	13.7	60S*
225	IPPSN2020-225	IPPSN-21-13	20MR	0	10MS	R	0	3.2	10MS
226	IPPSN2020-226	IPPSN-21-14	20MS	0	10MR	R	0	4	20MS
227	IPPSN2020-227	IPPSN-21-15	TR	10MR	20MS	R	40S	12.1	40S
228	IPPSN2020-228	IPPSN-21-16	TR	20S	20MS	R	40S	15.3	4S
229	IPPSN2020-229	IPPSN-21-17	TMR	0	40S	5MS	20S	12.9	40S
230	IPPSN2020-230	IPPSN-21-18	TR	0	20MS	0	0	3.2	20MS
231	IPPSN2020-231	IPPSN-21-19	5S	0	40S	R	5MS	9.8	40S
232	IPPSN2020-232	IPPSN-21-20	20S	10S	20MS	20S	60S	25.2	60S
233	IPPSN2020-233	IPPSN-21-21	TR	0	20MS	R	0	3.3	20MS
234	IPPSN2020-234	IPPSN-21-22	TR	10S	10MR	R	0	2.9	10S
235	IPPSN2020-235	IPPSN-21-23	20MR	0	20S	R	5MS	6.4	20S
236	IPPSN2020-236	IPPSN-21-24	TR	0	10MS	R	10MS	3.3	10MS
237	IPPSN2020-237	IPPSN-21-25	10MS	10S	10MR	10MS	0	6	10S
238	IPPSN2020-238	IPPSN-21-26	20MR	20S	TR	15MS	0	8	20S
239	IPPSN2020-239	IPPSN-21-27	20MS	10S	TR	20MS	10S	10.4	20MS
240	IPPSN2020-240	IPPSN-21-28	20MS	20S	TR	TMR	0	7.3	20S
240A	INFECTOR		80S	60S	80S	80S	100S	80	100S
241	IPPSN2020-241	IPPSN-21-29	5S	0	0	0	0	1	5S
242	IPPSN2020-242	IPPSN-21-30	5S	10S	0	0	0	3	10S
243	IPPSN2020-243	KA 2001	20MR	10MS	0	TMR	0	3.3	10MS
244	IPPSN2020-244	KA 2002	5S	100S	20S	20S	30S	35	100S
245	IPPSN2020-245	KA 2003	30MS	10S	10MR	20S	0	11.6	30MS
246	IPPSN2020-246	KA 2004	20MR	20S	20MS	15MS	0	11.2	20S
247	IPPSN2020-247	KA 2005	20MR	20S	TR	R	0	5.7	20S
248	IPPSN2020-248	KA 2006	20MR	80S	20MS	R	0	20.8	80S
249	IPPSN2020-249	KA 2007	30S	80S	20S	R	10S	28	80S
250	IPPSN2020-250	KA 2008	20MR	5MS	TR	5MS	10S	5.2	10S
251	IPPSN2020-251	KA 2009	20MR	20S	TR	R	0	5.7	20S
252	IPPSN2020-252	KA 2010	5S	20S	10MR	15MS	20S	12.2	20S
253	IPPSN2020-253	KA 2011	TR	5MR	TR	R	0	0.5	5MR
254	IPPSN2020-254	KA 2012	5S	40S	20MS	0	0	12.2	40S
255	IPPSN2020-255	KA 2013	30S	20S	20MR	10MS	20S	17.2	30S
256	IPPSN2020-256	KA 2014	5S	100S	TR	R	0	21.1	100S*
257	IPPSN2020-257	KA 2015	10S	40MS	0	10MS	0	10	40MS
258	IPPSN2020-258	KA 2016	5S	10S	0	15MS	0	5.4	15MS
259	IPPSN2020-259	KA 2017	20MS	60S	0	15MS	0	17.6	60S
260	IPPSN2020-260	KA 2018	20MR	20S	0	R	0	5.6	20S
260A	INFECTOR		80S	60S	100S	80S	100S	84	100S
261	IPPSN2020-261	KA 2019	5S	0	10MS	20MS	0	5.8	20MS
262	IPPSN2020-262	KA 2020	20MS	20S	20MR	10MS	0	10.4	20S
263	IPPSN2020-263	KA 2021	TMR	80S	0	0	10MS	17.7	80S*

264	IPPSN2020-264	KA 2022	10S	20MS	0	30S	0	11.2	30S
265	IPPSN2020-265	KA 2023	10S	60S	0	40S	10S	24	60S
266	IPPSN2020-266	KA 2024	TMR	80S	TR	5MR	0	16.5	80S*
267	IPPSN2020-267	KA 2025	20MS	80S	TR	10MR	20S	24	80S
268	IPPSN2020-268	KA 2026	20MS	0	TR	R	0	3.3	20MS
269	IPPSN2020-269	KA 2027	TMR	0	20MS	10MS	0	4.9	20MS
270	IPPSN2020-270	KA 2028	20MS	10S	20S	0	0	9.2	20S
271	IPPSN2020-271	KA 2029	20MR	40S	10MS	10MS	20S	16.8	40S
272	IPPSN2020-272	KA 2030	TR	0	10MS	R	0	1.7	10MS
273	IPPSN2020-273	KA 2031	10MR	20S	TR	R	0	4.9	20S
274	IPPSN2020-274	KA 2032	20MS	20S	TR	15MS	0	9.6	20S
275	IPPSN2020-275	KA 2033	20MS	80S	TR	TMR	0	19.3	80S
276	IPPSN2020-276	KA 2034	20MR	0	0	R	0	1.6	20MR
277	IPPSN2020-277	KA 2035	20MR	5S	0	10MS	0	4.2	10MS
278	IPPSN2020-278	KA 2036	10S	0	0	20S	0	6	20S
279	IPPSN2020-279	KA 2037	20MS	80S	0	R	5MS	20	80S
280	IPPSN2020-280	KA 2038	20MR	100S	10MR	R	0	22.4	100S*
280A	INFECTOR		80S	80S	80S	80S	100S	84	100S
281	IPPSN2020-281	KA 2039	20MR	60S	10MS	0	0	15.2	60S*
282	IPPSN2020-282	KA 2040	5S	80S	20MS	10MR	0	21	80S
283	IPPSN2020-283	KA 2041	10MR	0	10MR	0	0	1.6	10MR
284	IPPSN2020-284	KA 2042	5S	60S	TR	0	0	13	60S*
285	IPPSN2020-285	KA 2043	10S	80S	0	R	0	18	80S
286	IPPSN2020-286	KA 2044	5S	20S	0	10MR	0	5.8	20S
287	IPPSN2020-287	KA 2045	20MS	40S	0	5MS	10S	14	40S
288	IPPSN2020-288	AAI-W43	20S	40S	10MS	R	5MS	14.4	40S
289	IPPSN2020-289	AAI-W49	10MR	100S	20MS	R	20MS	27.2	100S
290	IPPSN2020-290	AAI-W52	20MS	20S	TR	0	0	7.2	20S
291	IPPSN2020-291	AAI-W47	20MR	0	20S	20MS	40S	16.8	40S
292	IPPSN2020-292	AAI-W42 (KSM)	10S	10S	10MS	5S	40S	14.6	40S
293	IPPSN2020-293	JKW 290	5S	40S	40S	0	40S	25	40S
294	IPPSN2020-294	JKW 291	20MS	5MR	40S	0	10S	13.6	40S
295	IPPSN2020-295	JKW 292	10S	10S	10MS	20MS	0	8.8	20MS
296	IPPSN2020-296	JKW 293	20MS	10S	20MS	0	10S	10.4	20MS
297	IPPSN2020-297	JKW 294	20MR	5S	5MR	0	0	3	20MR
298	IPPSN2020-298	JKW 295	10S	10MS	TR	0	0	3.6	10S
299	IPPSN2020-299	JKW 296	20MS	5MR	TR	0	0	3.6	20MS
300	IPPSN2020-300	JKW 297	20MR	10MR	20MR	0	0	4	20MR
300A	INFECTOR		80S	80S	100S	60S	100S	84	100S
301	IPPSN2020-301	JKW 298	20MR	0	20MS	0	10S	6.8	20MS
302	IPPSN2020-302	JKW 299	20MR	5MS	10MS	0	20S	8	20S
303	IPPSN2020-303	JAUW 695	20MS	40S	10MS	TMS	10S	15	40S
304	IPPSN2020-304	JAUW 696	30MS	10S	10MR	0	40S	15.6	40S
305	IPPSN2020-305	JAUW 697	20MS	20S	20MS	20MS	20S	17.6	20S
306	IPPSN2020-306	JAUW 698	20S	20MS	20S	20MS	20MS	17.6	20S
307	IPPSN2020-307	JAUW 699	20S	20S	40S	20MS	10MS	20.8	40S
308	IPPSN2020-308	JAUW 700	20MS	10S	10MS	5MS	0	7.6	20MS
309	IPPSN2020-309	JAUW 701	20MR	5MR	40S	0	20S	14	40S
310	IPPSN2020-310	JAUW 702	30MR	10S	10MS	TMS	0	6.2	30MR
311	IPPSN2020-311	JAUW 703	20MR	0	20S	0	0	5.6	20S
312	IPPSN2020-312	JAUW 704	20MR	40S	40S	0	10MS	19.2	40S
313	IPPSN2020-313	BRW 3903	10S	20S	40S	20MS	0	17.2	40S
314	IPPSN2020-314	BRW 3904	20S	40S	10MS	15MS	40S	24	40S
315	IPPSN2020-315	BRW 3905	20MS	20S	TR	20MS	20MS	13.6	20S
316	IPPSN2020-316	BRW 3906	20S	20S	20S	20MS	20S	19.2	20S
317	IPPSN2020-317	BRW 3907	30S	40S	40S	20MS	20S	29.2	40S
318	IPPSN2020-318	BRW 3908	30S	100S	40S	20MS	60S	49.2	100S
319	IPPSN2020-319	BRW 3909	20MR	20MS	10MR	10MS	20MS	10.4	20MS
320	IPPSN2020-320	BRW 3910	TMR	20S	TR	R	0	4.2	20S
320A	INFECTOR		80S	80S	80S	80S	100S	84	100S
321	IPPSN2020-321	BRW 3911	TMR	80S	20MR	5MR	0	18.1	80S*
322	IPPSN2020-322	BRW 3912	5MS	20S	TR	0	10MS	6.4	20S
323	IPPSN2020-323	BRW 3913	20MS	10S	TR	R	0	5.3	20MS
324	IPPSN2020-324	BRW 3914	TR	40S	0	R	0	8.1	40S
325	IPPSN2020-325	BRW 3915	5MS	80S	0	5MR	0	17.2	80S*
326	IPPSN2020-326	BRW 3916	20S	5S	10MS	20MS	60S	21.8	60S
327	IPPSN2020-327	BRW 3917	10S	80S	20MS	15MS	20S	27.6	80S
328	IPPSN2020-328	BRW 3918	20S	40S	20S	20MS	80S	35.2	80S
329	IPPSN2020-329	BRW 3919	10S	10S	40S	10MS	0	13.6	40S
330	IPPSN2020-330	BRW 3920	20MS	0	20MS	0	0	6.4	20MS

331	IPPSN2020-331	BRW 3921	10MS	10S	TR	R	0	3.7	10S
332	IPPSN2020-332	BRW 3922	10S	5MR	0	R	20S	6.4	20S
333	IPPSN2020-333	BRW 3923	20MR	0	0	0	0	1.6	20MR
334	IPPSN2020-334	BRW 3924	20MS	10S	0	20MS	0	8.4	20MS
335	IPPSN2020-335	BRW 3925	10S	10S	10MS	20MS	60S	20.8	60S
336	IPPSN2020-336	BRW 3926	10MR	0	20MS	R	0	4	20MS
337	IPPSN2020-337	BRW 3927	20MR	0	20S	TMR	10MS	7.3	20S
338	IPPSN2020-338	LOK 2020- 1	5S	40S	40S	15MS	5MS	20.2	40S
339	IPPSN2020-339	LOK 2020- 2	40MS	60S	20S	20MS	10S	27.6	60S
340	IPPSN2020-340	LOK 2020- 3	10R	0	10MS	R	0	2	10MS
340A	INFECTOR		80S	60S	80S	80S	100S	80	100S
341	IPPSN2020-341	LOK 2020- 4	TR	0	0	R	0	0.1	TR
342	IPPSN2020-342	LOK 2020- 5	TR	0	0	0	0	0	TR
343	IPPSN2020-343	VW2001	20MR	5MR	20MS	0	0	5.2	20MS
344	IPPSN2020-344	VW2002	TR	5MR	0	R	0	0.5	5MR
345	IPPSN2020-345	VW2003	20MS	5S	20MS	5MR	10MS	9.4	20MS
346	IPPSN2020-346	VW2004	10S	10S	TR	TMR	30MS	8.9	30MS
347	IPPSN2020-347	VW2005	10S	20S	TR	20MS	20S	13.2	20S
348	IPPSN2020-348	VW2006	20MR	5S	TR	10MS	0	4.2	10MS
349	IPPSN2020-349	VW2007	10MS	80S	0	0	0	17.6	80S*
350	IPPSN2020-350	VW2008	20MR	0	20MR	R	0	3.2	20MR
351	IPPSN2020-351	VW2009	TMR	5MR	TR	R	0	0.6	5MR
352	IPPSN2020-352	VW2011	20MS	5MR	20MR	0	0	5.2	20MS
353	IPPSN2020-353	VW2012	TR	5MR	0	R	0	0.5	5MR
354	IPPSN2020-354	VW2014	TMR	10S	0	10MS	0	3.7	10S
355	IPPSN2020-355	VW2015	20MR	0	0	10MS	0	3.2	10MS
356	IPPSN2020-356	VW2016	20MS	10S	TR	20MS	0	8.4	20MS
357	IPPSN2020-357	VW2017	TMR	20S	20MR	0	0	5.7	20S
358	IPPSN2020-358	VW2018	10MR	80S	10MS	20S	0	22.4	80S
359	IPPSN2020-359	VW2020	10MS	0	20MS	0	0	4.8	20MS
360	IPPSN2020-360	VW2021	20MR	60S	TR	5MR	0	14	60S*
360A	INFECTOR		80S	80S	80S	80S	100S	84	100S
361	IPPSN2020-361	VW2022	TMR	5MR	20MS	R	0	3.7	20MS
362	IPPSN2020-362	VW2023	TMR	10S	TR	R	0	2.2	10S
363	IPPSN2020-363	VW2024	20MR	0	10MR	0	0	2.4	20MR
364	IPPSN2020-364	VW2025	TMR	0	0	R	5MR	0.5	5MR
365	IPPSN2020-365	VW2026	20MR	TR	0	0	0	1.6	20MR
366	IPPSN2020-366	VW2027	20MR	10S	0	0	0	3.6	10S
367	IPPSN2020-367	VW2028	TR	20S	TR	20MS	0	7.3	20S
368	IPPSN2020-368	VW2030	TS	0	TR	10MS	0	1.8	10MS
369	IPPSN2020-369	VW2031	TMR	0	TR	R	0	0.2	TMR
370	IPPSN2020-370	VW2032	20MR	100S	TR	10MS	0	23.2	100S*
371	IPPSN2020-371	VW2033	20MS	TR	10MR	10MR	0	4.8	20MS
372	IPPSN2020-372	VW2034	20MS	20S	10MR	15MR	0	9.2	20S
373	IPPSN2020-373	VW2035	10S	60S	20MR	15S	0	18.6	60S
374	IPPSN2020-374	VW2036	20MS	TR	TR	0	0	3.3	20MS
375	IPPSN2020-375	VW2038	TR	0	0	0	10MS	1.6	10MS
376	IPPSN2020-376	VW2040	TR	40S	0	TMR	0	8.1	40S
377	IPPSN2020-377	VW2041	20MS	20S	0	10MS	0	8.8	20S
378	IPPSN2020-378	VW2042	20MR	20S	10MS	R	0	7.2	20S
379	IPPSN2020-379	VW2043	10MR	0	20MS	R	0	4	20MS
380	IPPSN2020-380	VW2045	TR	0	10MS	10MR	0	2.4	10MS
380A	INFECTOR		80S	100S	100S	80S	100S	92	100S
381	IPPSN2020-381	VW2046	10MR	0	TR	10MR	0	1.6	10MR
382	IPPSN2020-382	VW2048	20MS	0	40S	TMR	10MS	12.9	40S
383	IPPSN2020-383	VW2050	TMS	0	20S	0	0	4.2	20S
384	IPPSN2020-384	VW2051	10S	100S	40S	20MS	60S	45.2	100S
385	IPPSN2020-385	VW2052	20MR	40S	TR	20MS	0	12.8	40S
386	IPPSN2020-386	VW2053	5S	TR	TR	5MR	0	1.5	5S
387	IPPSN2020-387	VW2039	TR	0	0	0	0	0	TR
388	IPPSN2020-388	VW2029	20MR	0	0	0	0	1.6	20MR
389	IPPSN2020-389	VW2037	TMR	100S	0	TMR	5MS	21	100S*
390	IPPSN2020-390	VW2010	10MS	TR	20S	0	10S	7.6	20S
391	IPPSN2020-391	VW2047	TR	10S	TR	20MS	0	5.3	20MS
392	IPPSN2020-392	VW2013	10MR	80S	TR	20MS	20S	24	80S
393	IPPSN2020-393	NIAW 4053	TR	0	10MS	10MS	10S	5.2	10S
394	IPPSN2020-394	NIAW 4054	TR	0	20MS	R	5MS	4.1	20MS
395	IPPSN2020-395	NIAW 4052	TR	0	TR	5MS	0	0.9	5MS
396	IPPSN2020-396	NIAW 4113	TR	0	0	0	0	0	TR
397	IPPSN2020-397	NIAW 4130	TR	0	TR	0	TMS	0.2	TMS

398	IPPSN2020-398	NIAW 4165	TR	0	10MS	R	5MS	2.5	10MS
399	IPPSN2020-399	NIAW 4118	TR	0	5MR	R	5S	1.5	5S
400	IPPSN2020-400	NIAW 4190	TR	0	TR	R	0	0.1	TR
400A	INFECTOR		80S	100S	80S	60S	100S	84	100S
401	IPPSN2020-401	NIAW 4172	TR	0	10MS	R	0	1.7	10MS
402	IPPSN2020-402	NIAW 4178	TR	0	5MR	R	0	0.5	5MR
403	IPPSN2020-403	NIAW 4197	TR	0	0	R	0	0.1	TR
404	IPPSN2020-404	NIAW 4179	TR	0	0	TMS	10S	2.2	10S
405	IPPSN2020-405	NIAW 4120	TR	0	0	5MS	TMS	1	5MS
406	IPPSN2020-406	NIAW 4114	TR	0	20MS	R	0	3.3	20MS
407	IPPSN2020-407	NIAW 4153	TR	0	10MS	TMR	10MS	3.3	10MS
408	IPPSN2020-408	NIAW 4040	TR	0	20MS	R	TMS	3.4	20MS
409	IPPSN2020-409	NIAW 4174	TR	0	0	0	0	0	TR
410	IPPSN2020-410	NIAW 4183	TR	0	TR	5MS	5S	1.9	5S
411	IPPSN2020-411	NIAW 4134	TR	0	0	0	5MS	0.8	5MS
412	IPPSN2020-412	NIAW 4154	TR	5S	0	5MR	5MS	2.2	5S
413	IPPSN2020-413	NIDW 1467	TR	0	40S	R	5S	9.1	40S
414	IPPSN2020-414	NIDW 1485	TR	0	20MS	R	10MS	4.9	20MS
415	IPPSN2020-415	NIDW 1476	10MR	0	20S	R	10MS	6.4	20S
416	IPPSN2020-416	NIDW 1491	TMR	0	40S	R	40S	16.1	40S
417	IPPSN2020-417	NIDW 1455	20MR	100S	20S	R	20MS	28.8	100S
418	IPPSN2020-418	PW 2001	20MR	100S	40S	20MS	0	32.8	100S
419	IPPSN2020-419	PW 2002	TMR	TR	20MS	0	0	3.3	20MS
420	IPPSN2020-420	PW 2003	TMR	TR	TR	TMR	0	0.2	TMR
420A	INFECTOR		80S	100S	80S	80S	100S	88	100S
421	IPPSN2020-421	PW 2004	TR	10S	TR	R	0	2.1	10S
422	IPPSN2020-422	PW 2005	20MR	60S	0	0	0	13.6	60S*
423	IPPSN2020-423	PW 2006	TR	20S	0	0	0	4	20S
424	IPPSN2020-424	PW 2007	10MR	40S	0	5MS	0	9.6	40S
425	IPPSN2020-425	PW 2008	TR	60S	10MS	15MS	0	16	60S
426	IPPSN2020-426	PW 2009	20MS	80S	20MS	10MS	0	24	80S
427	IPPSN2020-427	PW 2010	20MS	100S	0	10MS	0	24.8	100S
428	IPPSN2020-428	PW 2011	TR	60S	TR	R	5MR	12.5	60S*
429	IPPSN2020-429	PW 2012	20MS	5S	10MR	0	0	5	20MS
430	IPPSN2020-430	PW 2013	5S	5S	20S	0	5MS	6.8	20S
431	IPPSN2020-431	PW 2014	10S	40S	10MS	0	0	11.6	40S
432	IPPSN2020-432	PW 2015	20MR	TR	20S	0	0	5.6	20S
433	IPPSN2020-433	PW 2016	20MR	5MR	TR	R	10S	4.1	10S
434	IPPSN2020-434	PW 2017	20MS	40S	10MR	5MS	0	12.8	40S
435	IPPSN2020-435	PW 2018	TMR	100S	5MR	10MS	0	22.1	100S*
436	IPPSN2020-436	PW 2019	20MS	80S	TR	20MS	0	22.4	80S
437	IPPSN2020-437	DW 271	10MR	20S	TR	20MS	0	8	20S
438	IPPSN2020-438	DW 272	TR	0	0	R	0	0.1	TR
439	IPPSN2020-439	DW 273	TR	5S	0	0	0	1	5S
440	IPPSN2020-440	DW 276	20MS	20S	TR	15MS	10MR	10.4	20S
440A	INFECTOR		80S	100S	100S	80S	100S	92	100S
441	IPPSN2020-441	DW 277	20MS	0	20MS	10MS	10MS	9.6	20MS
442	IPPSN2020-442	DW 278	20MS	TR	TR	10MS	0	4.9	20MS
443	IPPSN2020-443	BW 282	NG	10MR	20MS	10MS	0	7	20MS
444	IPPSN2020-444	BW 283	10S	60S	10MS	NG	NG	26	60S
445	IPPSN2020-445	BW 287	NG	NG	TR	NG	0	0.1	TR
446	IPPSN2020-446	BW 288	TR	TR	0	NG	0	0.1	TR
447	IPPSN2020-447	BW 289	TMR	40S	0	R	0	8.1	40S
448	IPPSN2020-448	CG2001	TR	40S	0	R	5MS	8.9	40S
449	IPPSN2020-449	CG2002	10S	20S	20MR	10MR	10S	10.4	20S
450	IPPSN2020-450	CG2003	TR	40S	10MS	5MR	10S	12	40S
451	IPPSN2020-451	CG2004	20MS	20S	10MR	5MR	0	8.4	20S
452	IPPSN2020-452	CG2005	5S	100S	TR	R	0	21.1	100S*
453	IPPSN2020-453	CG2006	10S	100S	0	20MS	0	25.2	100S
454	IPPSN2020-454	CG2007	10S	40S	0	15S	0	13	40S
455	IPPSN2020-455	CG2008	TR	0	TR	R	0	0.1	TR
456	IPPSN2020-456	CG2009	TR	0	TR	R	0	0.1	TR
457	IPPSN2020-457	CG2010	TMR	20S	TR	R	0	4.2	20S
458	IPPSN2020-458	CG2011	TMR	40S	5MR	R	0	8.5	40S
459	IPPSN2020-459	CG2012	TMR	60S	TR	15MS	0	14.5	60S
460	IPPSN2020-460	CG2013	TMR	0	0	R	0	0.1	TMR
460A	INFECTOR		80S	100S	80S	80S	100S	88	100S
461	IPPSN2020-461	CG2014	20MS	TR	20MS	0	0	6.4	20MS
462	IPPSN2020-462	CG2015	20MS	20S	0	R	0	7.2	20S
463	IPPSN2020-463	UASD-2001	5S	20S	40S	R	0	13	40S

464	IPPSN2020-464	UASD-2002	10S	20S	20MS	TMR	5MS	10.1	20S
465	IPPSN2020-465	UASD-2003	5S	10S	20S	10MR	20S	11.8	20S
466	IPPSN2020-466	UASD-2004	20MR	10S	40S	0	10S	13.6	40S
467	IPPSN2020-467	UASD-2005	20MS	5S	10MR	0	0	5	20MS
468	IPPSN2020-468	UASD-2006	TR	TR	TR	0	0	0.1	TR
469	IPPSN2020-469	UASD-2007	TR	20S	TR	0	0	4.1	20S
470	IPPSN2020-470	UASD-2008	20MR	60S	0	10MS	0	15.2	60S*
471	IPPSN2020-471	UASD-2009	20MS	0	0	10MS	0	4.8	20MS
472	IPPSN2020-472	UASD-2010	TR	0	0	R	10MS	1.7	10MS
473	IPPSN2020-473	UASD-2011	TR	0	TR	R	5S	1.1	5S
474	IPPSN2020-474	UASD-2012	TR	0	10MR	R	10MR	1.7	10MR
475	IPPSN2020-475	UASD-2013	TR	0	TR	R	10MS	1.7	10MS
476	IPPSN2020-476	UASD-2014	TR	0	20MR	R	20MS	4.9	20MS
477	IPPSN2020-477	UASD-2015	TR	0	TR	R	5MS	0.9	5MS
478	IPPSN2020-478	UASD-2016	TR	0	TR	R	0	0.1	TR
479	IPPSN2020-479	UASD-2017	TR	0	0	R	20MS	3.3	20MS
480	IPPSN2020-480	UASD-2018	TR	0	0	R	20MS	3.3	20MS
480A	INFECTOR		80S	100S	80S	60S	100S	84	100S
481	IPPSN2020-481	UASD-2019	TR	0	20MS	R	10R	3.7	20MS
482	IPPSN2020-482	UASD-2020	TR	10S	10MR	R	5MS	3.7	10S
483	IPPSN2020-483	UASD-2021	TR	0	10MS	R	5MS	2.5	10MS
484	IPPSN2020-484	UASD-2022	TR	0	TR	R	5R	0.3	5R
485	IPPSN2020-485	UASD-2023	TR	0	TR	R	10S	2.1	10S
486	IPPSN2020-486	UASD-2024	20MS	TR	0	15MS	10S	7.6	20MS
487	IPPSN2020-487	UASD-2025	20MS	0	0	20MS	0	6.4	20MS
488	IPPSN2020-488	UASD-2026	10S	80S	0	10MS	20S	23.6	80S
489	IPPSN2020-489	UASD-2027	10MR	0	TR	0	5MS	1.6	5MS
490	IPPSN2020-490	UASD-2028	TMR	0	10MS	R	20S	5.7	20S
491	IPPSN2020-491	UASD-2029	TR	20S	10MR	R	0	4.9	20S
492	IPPSN2020-492	UASD-2030	TR	10S	TR	0	0	2.1	10S
493	IPPSN2020-493	UASD-2031	TMS	0	TR	0	0	0.2	TMS
494	IPPSN2020-494	UASD-2032	NG	NG	NS	NS	NG	NS	NG
495	IPPSN2020-495	UASD-2033	20MR	5MR	10MS	R	10MR	4.4	10MS
496	IPPSN2020-496	UASD-2034	TR	0	TR	R	0	0.1	TR
497	IPPSN2020-497	UASD-2035	TR	0	TR	R	0	0.1	TR
498	IPPSN2020-498	PBN 4881	10S	80S	NS	R	0	22.6	80S
499	IPPSN2020-499	PBN 4357	20S	100S	0	10MS	0	25.6	100S
500	IPPSN2020-500	PBN 4905	TMR	80S	0	20MS	10MR	20.1	80S
500A	INFECTOR		80S	100S	80S	80S	100S	88	100S
501	IPPSN2020-501	PBN 4888	20MR	60S	10MS	15MS	0	17.6	60S
502	IPPSN2020-502	PBN 4876-2	20MS	60S	20S	15MS	0	21.6	60S
503	IPPSN2020-503	MP 3553	20MS	40S	40S	15MS	20S	25.6	40S
504	IPPSN2020-504	MP 3554	TMR	80S	40S	5MR	0	24.5	80S
505	IPPSN2020-505	MP 3555	20MS	60S	10S	20MS	0	20.4	60S
506	IPPSN2020-506	MP 3556	20MR	TR	20MR	TMR	0	3.3	20MR
507	IPPSN2020-507	MP 3557	20MR	10S	10MR	10MR	0	5.2	10S
508	IPPSN2020-508	MP 3558	TR	10S	0	0	0	2	10S
509	IPPSN2020-509	MP 3559	TR	0	0	0	0	0	TR
510	IPPSN2020-510	MP 3560	20MR	0	20MS	5MS	0	5.6	20MS
511	IPPSN2020-511	MP 3561	TR	60S	5MR	5MR	0	12.8	60S*
512	IPPSN2020-512	MP 3562	20MS	10S	10MS	0	5MS	7.6	20MS
513	IPPSN2020-513	MP 3563	20MS	100S	0	10MS	0	24.8	100S
514	IPPSN2020-514	MP 3564	TR	40S	0	0	0	8	40S
515	IPPSN2020-515	MP 3565	5S	5S	0	20S	10S	8	20S
516	IPPSN2020-516	MP 3566	20MR	100S	0	20MS	0	24.8	100S
517	IPPSN2020-517	MP 3567	TR	20S	0	10MR	0	4.8	20S
518	IPPSN2020-518	NW-8028	TR	0	10MR	0	0	0.8	10MR
519	IPPSN2020-519	NW-8029	TMR	0	10MS	0	0	1.7	10MS
520	IPPSN2020-520	NW-8030	5S	100S	TR	10MS	0	22.6	100S*
520A	INFECTOR		80S	100S	100S	80S	100S	92	100S
521	IPPSN2020-521	NW-8031	20MS	5S	20S	0	0	8.2	20S
522	IPPSN2020-522	NW-8032	20MR	40S	10MS	5MR	0	11.6	40S
523	IPPSN2020-523	NW-8033	20MR	10MS	20MS	15MS	0	8.8	20MS
524	IPPSN2020-524	NW-8034	TR	10S	20S	0	0	6	20S
525	IPPSN2020-525	NW-8035	20MR	10S	TR	30MS	0	8.4	30MS
526	IPPSN2020-526	NW-8036	TMR	20S	10MR	0	0	4.9	20S
527	IPPSN2020-527	NW-8037	TR	0	10MR	R	0	0.9	10MR
528	IPPSN2020-528	NW-8038	20MS	0	5MR	10MR	0	4.4	20MS
529	IPPSN2020-529	NW-8039	20MS	100S	TR	20MS	10S	28.4	100S
530	IPPSN2020-530	NW-8040	20MR	80S	TR	R	10MS	19.3	80S*

531	IPPSN2020-531	NW-8041	10MS	80S	TR	20MS	80S	36.8	80S
532	IPPSN2020-532	NW-8042	10S	80S	0	15MS	5S	21.4	80S
533	IPPSN2020-533	NW-8043	TR	0	0	5MS	0	0.8	5MS
534	IPPSN2020-534	NW-8044	20MS	80S	0	5MS	0	20	80S
535	IPPSN2020-535	NW-8045	TMR	0	0	0	0	0.1	TMR
536	IPPSN2020-536	NW-8046	20MS	20S	0	5MS	0	8	20S
537	IPPSN2020-537	NW-8047	TR	80S	TR	15MS	0	18.5	80S
538	IPPSN2020-538	NW-8048	TR	TR	10MR	0	0	0.9	10MR
539	IPPSN2020-539	NW-8049	TR	60S	TR	0	0	12.1	60S*
540	IPPSN2020-540	NW-8050	TR	60S	TR	TMR	0	12.2	60S*
540A	INFECTOR		80S	100S	100S	80S	100S	92	100S
541	IPPSN2020-541	NW-8051	TMR	40S	TR	15MS	10S	12.5	40S
542	IPPSN2020-542	NW-8052	TMR	80S	TR	15MS	10S	20.5	80S
543	IPPSN2020-543	KRL 2002	TR	20S	0	R	10MR	4.9	20S
544	IPPSN2020-544	KRL 2003	TR	0	0	R	0	0.1	TR
545	IPPSN2020-545	KRL 2004	TR	10MS	0	0	10MS	3.2	10MS
546	IPPSN2020-546	KRL 2005	TR	0	TR	0	0	0.1	TR
547	IPPSN2020-547	KRL 2007	TR	10MS	10MR	0	5MS	3.2	10MS
548	IPPSN2020-548	KRL 2008	10MS	80S	10MS	20MS	10MS	24	80S
549	IPPSN2020-549	KRL 2009	TR	80S	20MR	0	0	17.6	80S*
550	IPPSN2020-550	KRL 2010	TR	0	TR	0	10MS	1.7	10MS
551	IPPSN2020-551	KRL 2011	TR	40S	TR	0	0	8.1	40S
552	IPPSN2020-552	KRL 2014	TR	80S	TR	0	0	16.1	80S*
553	IPPSN2020-553	KRL 2015	TR	80S	0	0	0	16	80S*
554	IPPSN2020-554	KRL 2016	10MS	10S	0	TMR	10MS	5.3	10S
555	IPPSN2020-555	KRL 2019	TR	60S	0	TMR	0	12.1	60S*
556	IPPSN2020-556	KRL 2020	TR	10S	5MR	0	0	2.4	10S
557	IPPSN2020-557	KRL 2023	TR	0	TR	15MS	10S	4.5	15MS
558	IPPSN2020-558	KRL 2024	TR	0	TR	R	0	0.1	TR
559	IPPSN2020-559	KRL 2026	10MS	TR	10MR	10MS	0	4	10MS
560	IPPSN2020-560	KRL 2027	TMR	TR	TR	TMR	0	0.2	TMR
560A	INFECTOR		80S	100S	80S	80S	100S	88	100S
561	IPPSN2020-561	KRL 2030	TR	60S	20MS	10MS	0	16.8	60S
562	IPPSN2020-562	KRL 2033	20MR	0	10MS	5MR	0	3.6	10MS
563	IPPSN2020-563	KRL 2034	20MR	80S	20MS	5MR	0	21.2	80S
564	IPPSN2020-564	KRL 2035	20MS	80S	10MR	10MS	0	21.6	80S
565	IPPSN2020-565	KRL 2036	10S	80S	TR	20MS	20S	25.2	80S
566	IPPSN2020-566	KRL 2037	TMR	0	20MS	15MS	10MS	7.3	20MS
567	IPPSN2020-567	KRL 2038	TR	60S	10MS	0	0	13.6	60S*
568	IPPSN2020-568	11th HPYT 402	10MS	0	10MR	15MS	0	4.8	15MS
569	IPPSN2020-569	11th HPYT 403	TMR	10S	TR	R	0	2.2	10S
570	IPPSN2020-570	11th HPYT 404	10S	60S	TR	10S	20MS	19.2	60S
571	IPPSN2020-571	11th HPYT 405	TR	0	TR	R	0	0.1	TR
572	IPPSN2020-572	11th HPYT 406	10MS	20S	10MS	5MR	0	7.6	20S
573	IPPSN2020-573	11th HPYT 407	TR	0	5MR	0	0	0.4	5MR
574	IPPSN2020-574	11th HPYT 408	TR	0	TR	0	0	0.1	TR
575	IPPSN2020-575	11th HPYT 409	TMR	TR	TR	TMR	10S	2.2	10S
576	IPPSN2020-576	11th HPYT 410	20MR	20S	10MR	20MS	0	9.6	20S
577	IPPSN2020-577	11th HPYT 411	10S	20S	0	10MS	0	7.6	20S
578	IPPSN2020-578	11th HPYT 412	10MS	20S	0	20MS	0	8.8	20S
579	IPPSN2020-579	11th HPYT 413	20MR	0	0	5MS	0	2.4	20MR
580	IPPSN2020-580	11th HPYT 414	TMR	10MS	0	15MS	0	4.1	15MS
580A	INFECTOR		80S	100S	100S	60S	100S	88	100S
581	IPPSN2020-581	11th HPYT 415	20MR	0	20MR	TMR	0	3.3	20MR
582	IPPSN2020-582	11th HPYT 416	20MS	20S	TR	5MR	10MS	9.2	20S
583	IPPSN2020-583	11th HPYT 417	TMS	0	TR	10MS	0	1.8	10MS
584	IPPSN2020-584	11th HPYT 418	20MR	0	10MR	10MS	0	4	10MS
585	IPPSN2020-585	11th HPYT 419	20MR	0	20MS	20MS	5MS	8.8	20MS
586	IPPSN2020-586	11th HPYT 420	5S	60S	10MS	0	10MS	16.2	60S*
587	IPPSN2020-587	11th HPYT 421	20MS	0	TR	0	0	3.2	20MS
588	IPPSN2020-588	11th HPYT 422	5S	10S	0	TMR	0	3.1	10S
589	IPPSN2020-589	11th HPYT 423	20MR	0	0	0	0	1.6	20MR
590	IPPSN2020-590	11th HPYT 424	20MS	10MS	0	10MR	0	5.6	20MS
591	IPPSN2020-591	11th HPYT 425	20MR	0	10MS	5MS	0	4	10MS
592	IPPSN2020-592	11th HPYT 426	20MS	TR	0	5MS	20S	8	20S
593	IPPSN2020-593	11th HPYT 427	10S	40S	0	0	0	10	40S
594	IPPSN2020-594	11th HPYT 428	20MS	0	0	TMR	0	3.3	20MS
595	IPPSN2020-595	11th HPYT 429	20MR	0	TR	R	0	1.7	20MR
596	IPPSN2020-596	11th HPYT 430	TR	0	5MR	5MS	0	1.2	5MS
597	IPPSN2020-597	11th HPYT 431	20MR	10S	20MR	15MS	0	7.6	15MS

598	IPPSN2020-598	11th HPYT 432	20S	40S	40S	20MS	0	23.2	40S
599	IPPSN2020-599	11th HPYT 433	10S	60S	20S	0	5MS	18.8	60S
600	IPPSN2020-600	11th HPYT 434	TMR	20S	10MS	15MS	0	8.1	20S
600A	INFECTOR		80S	100S	80S	80S	100S	88	100S
601	IPPSN2020-601	11th HPYT 435	20MR	0	10MR	R	0	2.4	20MR
602	IPPSN2020-602	11th HPYT 436	TMR	0	0	R	0	0.1	TMR
603	IPPSN2020-603	11th HPYT 437	20MR	TR	0	R	0	1.7	20MR
604	IPPSN2020-604	11th HPYT 438	TR	TR	TR	0	0	0.1	TR
605	IPPSN2020-605	11th HPYT 439	20MR	40S	TR	0	0	9.6	40S
606	IPPSN2020-606	11th HPYT 440	20MS	60S	20MS	TMR	0	18.5	60S
607	IPPSN2020-607	11th HPYT 441	10S	20S	0	5MS	0	6.8	20S
608	IPPSN2020-608	11th HPYT 442	10S	40S	10MS	5S	0	12.6	40S
609	IPPSN2020-609	11th HPYT 443	10S	20S	TR	10S	0	8	20S
610	IPPSN2020-610	11th HPYT 444	20MS	10S	0	R	20MS	8.4	20MS
611	IPPSN2020-611	11th HPYT 445	20MR	60S	0	10MS	0	15.2	60S*
612	IPPSN2020-612	11th HPYT 446	TR	10S	0	0	0	2	10S
613	IPPSN2020-613	11th HPYT 447	10S	60S	10MS	5MS	0	16.4	60S
614	IPPSN2020-614	11th HPYT 448	20MS	10S	TR	5MR	0	5.6	20MS
615	IPPSN2020-615	11th HPYT 449	TR	10S	10MS	5MR	0	4	10S
616	IPPSN2020-616	11th HPYT 450	20MR	5S	20MS	10MS	20MS	10.6	20MS
617	IPPSN2020-617	MACS 6797	TR	TR	TR	0	20MS	3.3	20MS
618	IPPSN2020-618	MACS 6798	TR	0	10MR	R	5MS	1.7	5MS
619	IPPSN2020-619	MACS 6799	TR	0	40S	R	0	8.1	40S*
620	IPPSN2020-620	MACS 6800	20S	TR	40MS	20S	60S	26.4	60S
620A	INFECTOR		80S	100S	80S	80S	100S	88	100S
621	IPPSN2020-621	MACS 6801	20S	0	10MS	R	0	5.6	20S
622	IPPSN2020-622	MACS 6802	20MS	5S	TR	0	0	4.2	20MS
623	IPPSN2020-623	MACS 6803	20MS	0	0	0	0	3.2	20MS
624	IPPSN2020-624	MACS 6804	20MR	0	0	R	20MS	4.8	20MS
625	IPPSN2020-625	MACS 6805	20MS	0	0	R	0	3.2	20MS
626	IPPSN2020-626	MACS 6806	10MS	0	0	TMR	5S	2.7	10MS
627	IPPSN2020-627	MACS 6807	TMS	0	5MR	R	5MS	1.4	5MS
628	IPPSN2020-628	MACS 6808	20MR	0	TR	R	0	1.7	20MR
629	IPPSN2020-629	MACS 6809	TR	0	TR	R	0	0.1	TR
630	IPPSN2020-630	MACS 6810	20S	0	10MS	0	10S	7.6	20S
631	IPPSN2020-631	MACS 6811	20MS	0	20MS	R	5MS	7.2	20MS
632	IPPSN2020-632	MACS 6812	5S	TR	10MS	R	0	2.7	10MS
633	IPPSN2020-633	MACS 6813	10S	0	20MR	R	20S	7.6	20S
634	IPPSN2020-634	MACS 6814	20MR	0	TR	0	20S	5.6	20S
635	IPPSN2020-635	MACS 6815	20MS	0	TR	0	0	3.2	20MS
636	IPPSN2020-636	MACS 6816	TMR	0	10MS	0	0	1.7	10MS
637	IPPSN2020-637	MACS 6817	20MR	0	10MS	10MR	0	4	10MS
638	IPPSN2020-638	MACS 6818	TMR	TR	20MR	5MR	0	2.1	20MR
639	IPPSN2020-639	MACS 6819	TMR	0	10MR	0	0	0.9	10MR
640	IPPSN2020-640	MACS 6820	20S	20S	TR	20S	0	12	20S
640A	INFECTOR		80S	100S	100S	60S	100S	88	100S
641	IPPSN2020-641	MACS 4117	20MS	0	10MS	R	10MS	6.4	20MS
642	IPPSN2020-642	MACS 4118	20MS	0	5MR	R	0	3.6	20MS
643	IPPSN2020-643	MACS 4119	20MR	TR	10MS	R	5MR	3.7	10MS
644	IPPSN2020-644	MACS 4120	20MR	0	TR	R	5MS	2.5	20MR
645	IPPSN2020-645	MACS 4121	10MS	TR	TR	R	10MS	3.3	10MS
646	IPPSN2020-646	MACS 4122	TMR	0	0	R	5MS	0.9	5MS
647	IPPSN2020-647	MACS 4123	TMR	0	0	R	10MS	1.7	10MS
648	IPPSN2020-648	MACS 4124	10MR	TR	0	R	0	0.9	10MR
649	IPPSN2020-649	MACS 5059	TR	0	0	R	0	0.1	TR
650	IPPSN2020-650	MACS 5060	10R	0	10MS	R	0	2	10MS
651	IPPSN2020-651	MACS 5061	10R	0	10MR	R	0	1.2	10MR
652	IPPSN2020-652	AKAW 4662	10S	20S	20MR	5S	5S	9.6	20S
653	IPPSN2020-653	AKAW 4682	20MR	10S	TR	R	20S	7.7	20S
654	IPPSN2020-654	AKAW 4684	20MR	10S	10MR	0	0	4.4	10S
655	IPPSN2020-655	AKDW 4773	20MR	0	20MS	R	0	4.8	20MS
656	IPPSN2020-656	AKAW 5080	5S	0	TR	0	5S	2	5S
657	IPPSN2020-657	AKAW 5100	10S	60S	TR	5MS	0	14.8	60S
658	IPPSN2020-658	AKAW 5104	TR	20S	20MS	R	0	7.3	20S
659	IPPSN2020-659	AKAW 5314	10S	0	TR	20MS	20MS	8.4	20MS
660	IPPSN2020-660	AKAW 5317	20MR	20S	TR	5MS	0	6.4	20S
660A	INFECTOR		80S	100S	100S	80S	100S	92	100S
661	IPPSN2020-661	AKAW 5353	40MS	20S	40S	10MR	20MS	22.4	40S
662	IPPSN2020-662	AKAW 5354	40MS	60S	20MS	15MS	80S	40	80S
663	IPPSN2020-663	AKAW 5438	10MS	20S	10MS	5MS	40S	16	40S

664	IPPSN2020-664	AKAW 5441	TR	10S	20S	0	10MS	7.6	20S
665	IPPSN2020-665	AKAW 5444	10MS	10S	40S	5MS	30S	18.4	40S
666	IPPSN2020-666	AKAW 5445	5MR	20MS	10MS	0	10MS	6.8	20MS
667	IPPSN2020-667	RVW 4350	TR	5MR	TR	TMS	0	0.6	5MR
668	IPPSN2020-668	RVW 4351	TR	0	TR	R	0	0.1	TR
669	IPPSN2020-669	RVW 4352	40MS	5S	TR	10MS	0	9	40MS
670	IPPSN2020-670	RVW 4353	10R	60S	TR	R	0	12.5	60S*
671	IPPSN2020-671	RVW 4354	20MR	0	TR	20MS	0	4.8	20MS
672	IPPSN2020-672	RVW 4355	5MR	20S	TR	15MS	10MS	8.4	20S
673	IPPSN2020-673	RVW 4356	40S	40S	TR	15MS	40S	26.4	40S
674	IPPSN2020-674	RVW 4357	20S	10S	20S	10MS	10MR	12.4	20S
675	IPPSN2020-675	RVW 4358	10MR	0	10MS	R	0	2.4	10MS
676	IPPSN2020-676	RVW 4359	20MR	60S	20S	5MR	0	18	60S
677	IPPSN2020-677	1	20MR	10S	10MS	0	0	5.2	10S
678	IPPSN2020-678	2	10MR	0	TR	TMS	0	1	10MR
679	IPPSN2020-679	3	TR	0	TR	R	0	0.1	TR
680	IPPSN2020-680	4	TR	0	TR	R	0	0.1	TR
680A	INFECTOR		80S	60S	80S	80S	100S	80	100S
681	IPPSN2020-681	5	TR	0	10MS	R	0	1.7	10MS
682	IPPSN2020-682	6	TR	0	20MS	0	0	3.2	20MS
683	IPPSN2020-683	7	20S	0	10MS	R	0	5.6	20S
684	IPPSN2020-684	8	TR	0	20MR	0	0	1.6	20MR
685	IPPSN2020-685	9	5MR	0	TR	0	0	0.4	5MR
686	IPPSN2020-686	10	20MR	20S	10MR	10MR	0	7.2	20S
687	IPPSN2020-687	11	TMR	100S	20MS	R	NG	29.2	100S
688	IPPSN2020-688	12	TR	0	10MS	R	0	1.7	10MS
689	IPPSN2020-689	13	TR	0	5MR	0	0	0.4	5MR
690	IPPSN2020-690	14	20MS	20S	10MS	10MS	5MS	11.2	20S
691	IPPSN2020-691	15	20MS	60S	0	TMS	5MS	16.2	60S
692	IPPSN2020-692	16	TR	40S	0	0	0	8	40S
693	IPPSN2020-693	17	TR	40S	0	R	0	8.1	40S
694	IPPSN2020-694	18	TR	0	TR	R	0	0.1	TR
695	IPPSN2020-695	19	TR	0	TR	R	0	0.1	TR
696	IPPSN2020-696	20	20S	5MR	10MR	5MS	0	6	20S
697	IPPSN2020-697	21	10MS	20S	TR	0	0	5.6	20S
698	IPPSN2020-698	22	10MS	0	TR	15MS	0	4	15MS
699	IPPSN2020-699	23	TR	0	0	R	0	0.1	TR
700	IPPSN2020-700	24	TR	0	TR	TMR	0	0.2	TMR
700A	INFECTOR		80S	80S	80S	80S	100S	84	100S
701	IPPSN2020-701	25	5MR	0	40S	0	0	8.4	40S
702	IPPSN2020-702	26	TR	10MR	20MS	0	0	4	20MS
703	IPPSN2020-703	27	5MR	20MS	10MS	5MS	NG	7.5	20MS
704	IPPSN2020-704	28	20MR	40S	10MR	R	0	10.4	40S
705	IPPSN2020-705	29	TR	0	20MR	0	0	1.6	20MR
706	IPPSN2020-706	30	5MR	0	0	0	0	0.4	5MR
707	IPPSN2020-707	31	TR	10S	TR	TMR	10MS	3.8	10S
708	IPPSN2020-708	32	TR	0	0	R	NG	0.1	TR
709	IPPSN2020-709	33	TR	0	TR	NG	0	0.1	TR
710	IPPSN2020-710	34	10MR	40S	0	0	0	8.8	40S
711	IPPSN2020-711	35	TR	20MS	0	R	0	3.3	20MS
712	IPPSN2020-712	36	NG	NG	NG	0	NG	0	0
713	IPPSN2020-713	37	TR	0	NG	0	NG	0.1	TR
714	IPPSN2020-714	38	NG	NG	NG	NG	NG	NG	NG
715	IPPSN2020-715	39	TR	20S	10MR	0	0	4.8	20S
716	IPPSN2020-716	40	5MS	10S	5MR	20MS	0	6.4	20MS
717	IPPSN2020-717	41	TR	20S	20MS	0	0	7.2	20S
718	IPPSN2020-718	42	TR	20MS	TR	0	0	3.3	20MS
719	IPPSN2020-719	43	TR	20MS	0	0	0	3.2	20MS
720	IPPSN2020-720	44	10R	10S	TR	0	0	2.4	10S
720A	INFECTOR		80S	80S	100S	80S	100S	88	100S
721	IPPSN2020-721	45	TR	40S	20MS	R	0	11.3	40S
722	IPPSN2020-722	46	TR	0	40S	0	0	8	40S
723	IPPSN2020-723	47	TR	0	20S	R	5S	5.1	20S
724	IPPSN2020-724	48	TR	10MS	20MS	0	0	4.8	20MS
725	IPPSN2020-725	49	TR	20S	40S	10MS	20S	17.6	40S
726	IPPSN2020-726	50	TR	0	10MS	R	0	1.7	10MS
727	IPPSN2020-727	51	20MR	80S	TR	R	5MR	18.1	80S*
728	IPPSN2020-728	52	20MS	10S	10MR	20MS	TMR	9.3	20MS
729	IPPSN2020-729	53	TR	10MS	10MS	0	10MS	4.8	10MS
730	IPPSN2020-730	54	TR	60S	20MS	R	0	15.3	60S

731	IPPSN2020-731	55	TR	10S	TR	5MR	0	2.5	10S
732	IPPSN2020-732	56	TR	10MS	40S	TMR	0	9.7	40S
733	IPPSN2020-733	57	TR	10S	40MS	TMS	5MR	9	40MS
734	IPPSN2020-734	58	TR	5MR	TR	0	0	0.5	5MR
735	IPPSN2020-735	59	TR	10MS	10MS	20MS	0	6.4	20MS
736	IPPSN2020-736	60	5MR	0	TR	0	0	0.4	5MR
737	IPPSN2020-737	SVPWL01	5MS	0	0	0	0	0.8	5MS
738	IPPSN2020-738	SVPWL02	TR	0	0	R	0	0.1	TR
739	IPPSN2020-739	SVPWL03	TR	0	0	R	0	0.1	TR
740	IPPSN2020-740	SVPWL04	20MR	0	40S	0	0	9.6	40S
740A	INFECTOR		80S	80S	100S	80S	100S	88	100S
741	IPPSN2020-741	SVPWL05	10MR	10MS	20MS	R	5MS	6.4	20MS
742	IPPSN2020-742	SVPWL06	TMR	0	10MR	R	0	0.9	10MR
743	IPPSN2020-743	SVPWL07	TR	10S	TR	R	5MS	2.9	10S
744	IPPSN2020-744	SVPWL08	10S	10S	20MS	TMR	20S	11.3	20S
745	IPPSN2020-745	SVPWL09	TR	0	10MR	R	40MS	7.3	40MS
746	IPPSN2020-746	SVPWL10	10S	0	0	0	0	2	10S
747	IPPSN2020-747	SVPWL11	20MS	0	0	0	0	3.2	20MS
748	IPPSN2020-748	SVPWL12	10MR	20S	0	0	20MS	8	20S
749	IPPSN2020-749	SVPWL13	20MR	0	0	R	0	1.6	20MR
750	IPPSN2020-750	SVPWL14	5S	10S	0	TMS	0	3.2	10S
751	IPPSN2020-751	SVPWL15	20MR	20MS	0	R	0	4.8	20MS
752	IPPSN2020-752	IARI 20-1	20MR	10MR	0	R	10MS	4	10MS
753	IPPSN2020-753	IARI 20-2	10MS	80S	0	20MS	40S	28.8	80S
754	IPPSN2020-754	IARI 20-3	10MR	40S	10MR	20MS	0	12.8	40S
755	IPPSN2020-755	IARI 20-4	5S	10S	TR	20MS	5S	7.2	20MS
756	IPPSN2020-756	IARI 20-5	10MR	20S	20MR	R	0	6.4	20S
757	IPPSN2020-757	IARI 20-6	20MR	10S	10MS	0	0	5.2	10S
758	IPPSN2020-758	IARI 20-7	10MR	40S	TR	R	10MS	10.5	40S
759	IPPSN2020-759	IARI 20-8	TMR	0	TR	0	0	0.1	TMR
760	IPPSN2020-760	IARI 20-9	TMR	5MR	0	R	10S	2.5	1S
760A	INFECTOR		80S	60S	100S	80S	100S	84	100S
761	IPPSN2020-761	IARI 20-10	5S	5MR	0	10MS	0	3	10MS
762	IPPSN2020-762	IARI 20-11	20MR	20MS	TR	TMS	5MR	5.4	20MS
763	IPPSN2020-763	IARI 20-12	5S	5S	0	20MS	10MS	6.8	20MS
764	IPPSN2020-764	IARI 20-13	10MR	10MS	0	0	0	2.4	10MS
765	IPPSN2020-765	IARI 20-14	TR	0	0	0	0	0	TR
766	IPPSN2020-766	IARI 20-15	20MR	20S	0	20MS	10S	10.8	20S
767	IPPSN2020-767	IARI 20-16	20MR	0	0	0	10MR	2.4	20MR
768	IPPSN2020-768	IARI 20-17	TMR	0	TR	0	0	0.1	TMR
769	IPPSN2020-769	IARI 20-18	TMS	5MR	10MR	0	0	1.4	10MR
770	IPPSN2020-770	IARI 20-19	20MR	10S	10MS	R	0	5.2	10S
771	IPPSN2020-771	IARI 20-20	TR	60S	20MS	0	0	15.2	60S
772	IPPSN2020-772	IARI 20-21	TMR	80S	TR	0	40MS	22.5	80S
773	IPPSN2020-773	IARI 20-22	20MR	10S	TR	20MS	5MS	7.6	20MS
774	IPPSN2020-774	IARI 20-23	10S	10S	TR	5MS	0	4.8	10S
775	IPPSN2020-775	IARI 20-24	TR	20S	20S	R	0	8.1	20S
776	IPPSN2020-776	IARI 20-25	20MR	10S	40S	20MS	10S	16.8	40S
777	IPPSN2020-777	IARI 20-26	TMR	5S	TR	0	0	1.1	5S
778	IPPSN2020-778	IARI 20-27	TR	5MR	10MR	0	0	1.2	10MR
779	IPPSN2020-779	IARI 20-28	TR	0	40MS	0	0	6.4	40S
780	IPPSN2020-780	IARI 20-29	TMR	10S	10MS	R	0	3.7	10MS
780A	INFECTOR		80S	80S	80S	80S	100S	84	100S
781	IPPSN2020-781	IARI 20-30	10S	5S	TR	10MR	0	3.8	10S
782	IPPSN2020-782	IARI 20-31	20MR	10S	TR	0	0	3.6	10S
783	IPPSN2020-783	IARI 20-32	20MR	5S	TR	R	0	2.7	20MR
784	IPPSN2020-784	IARI 20-33	20MS	0	TR	0	10MR	4	20MS
785	IPPSN2020-785	IARI 20-34	20MR	20S	TR	TMR	40MS	12.1	40MS
786	IPPSN2020-786	IARI 20-35	20MR	20MS	0	0	0	4.8	20MS
787	IPPSN2020-787	IARI 20-36	20MS	20S	TR	20MS	5MS	11.2	20S
788	IPPSN2020-788	IARI 20-37	TR	0	TR	15MS	0	2.5	15MS
789	IPPSN2020-789	IARI 20-38	20MR	5MR	10MR	20MS	40MS	12.4	40MS
790	IPPSN2020-790	IARI 20-39	TR	0	5MR	5MS	TMR	1.3	5MS
791	IPPSN2020-791	IARI 20-40	TR	TR	TR	R	5MS	1	5MS
792	IPPSN2020-792	IARI 20-41	TR	0	0	R	0	0.1	TR
793	IPPSN2020-793	IARI 20-42	TMR	5MR	0	15MR	0	1.7	15MR
794	IPPSN2020-794	IARI 20-43	TR	0	0	R	0	0.1	TR
795	IPPSN2020-795	IARI 20-44	20MR	0	0	R	10MS	3.2	10MS
796	IPPSN2020-796	IARI 20-45	TR	0	20S	0	20MS	7.2	20S
797	IPPSN2020-797	IARI 20-46	20MR	40S	40S	20MS	10S	22.8	40S

798	IPPSN2020-798	IARI 20-47	TR	40S	TR	5MS	0	8.9	40S
799	IPPSN2020-799	IARI 20-48	5S	5MR	TR	R	0	1.5	5S
800	IPPSN2020-800	IARI 20-49	TR	40S	TR	R	0	8.1	40S
800A	INFECTOR		80S	40S	80S	80S	100S	76	100S
801	IPPSN2020-801	IARI 20-50	20MR	0	TR	R	0	1.7	20MR
802	IPPSN2020-802	IARI 20-51	5S	5MR	TR	R	5S	2.5	5S
803	IPPSN2020-803	IARI 20-52	5S	0	10MS	0	5S	3.6	10MS
804	IPPSN2020-804	IARI 20-53	20MS	0	20MS	10MS	0	8	20MS
805	IPPSN2020-805	IARI 20-54	5MR	0	TR	0	0	0.4	5MR
806	IPPSN2020-806	IARI 20-55	20MS	10MR	10MR	R	0	4.8	20MS
807	IPPSN2020-807	IARI 20-56	TR	0	20MS	R	0	3.3	20MS
808	IPPSN2020-808	IARI 20-57	20MS	0	10MS	R	10MS	6.4	20MS
809	IPPSN2020-809	IARI 20-58	20MS	TR	TR	0	0	3.3	20MS
810	IPPSN2020-810	IARI 20-59	20MR	0	TR	R	TR	1.7	20MR
811	IPPSN2020-811	IARI 20-60	10MS	5MS	10MR	5MR	0	3.6	10MS
812	IPPSN2020-812	IARI 20-61	10MR	0	20MS	R	10MS	5.6	20MS
813	IPPSN2020-813	IARI 20-62	20MS	5S	20S	R	0	8.2	20S
814	IPPSN2020-814	IARI 20-63	20MR	5MR	40S	0	20S	14	40S
815	IPPSN2020-815	IARI 20-64	10MR	10S	TR	TMS	0	3	10S
816	IPPSN2020-816	IARI 20-65	TR	0	TR	0	0	0.1	TR
817	IPPSN2020-817	IARI 20-66	20MS	5S	TR	TMS	0	4.4	20MS
818	IPPSN2020-818	IARI 20-67	20MS	20S	40S	R	20S	19.2	40S
819	IPPSN2020-819	IARI 20-68	20MR	5MR	0	R	5MS	2.8	20MR
820	IPPSN2020-820	IARI 20-69	10S	10S	0	10MS	10MS	7.2	10S
820A	INFECTOR		80S	60S	100S	80S	100S	84	100S
821	IPPSN2020-821	IARI 20-70	TMR	20S	TR	TMS	0	4.3	20S
822	IPPSN2020-822	IARI 20-71	TR	0	TR	R	0	0.1	TR
823	IPPSN2020-823	IARI 20-72	TR	0	0	R	0	0.1	TR
824	IPPSN2020-824	IARI 20-73	TR	0	0	R	0	0.1	TR
825	IPPSN2020-825	IARI 20-74	TR	0	0	R	0	0.1	TR
826	IPPSN2020-826	IARI 20-75	TR	0	0	R	0	0.1	TR
827	IPPSN2020-827	IARI 20-76	TR	0	0	R	0	0.1	TR
828	IPPSN2020-828	IARI 20-77	10MR	5MR		R	0	1.6	10MR
829	IPPSN2020-829	IARI 20-78	5S	5MR	0	20MS	10S	6.6	20MS
830	IPPSN2020-830	IARI 20-79	20MS	0	0	R	40S	11.2	40S
831	IPPSN2020-831	IARI 20-80	10MS	5MR	0	15MS	40S	12.4	40S
832	IPPSN2020-832	IARI 20-81	20MR	20S	0	R	TS	5.8	20S
833	IPPSN2020-833	IARI 20-82	TR	0	0	R	10MS	1.7	10MS
834	IPPSN2020-834	IARI 20-83	TR	0	10MR	R	0	0.9	10MR
835	IPPSN2020-835	IARI 20-84	TR	0	20S	R	5S	5.1	20S
836	IPPSN2020-836	IARI 20-85	TMR	5S	40S	R	10MS	10.7	40S
837	IPPSN2020-837	IARI 20-86	TMR	0	20MS	R	10MS	4.9	20MS
838	IPPSN2020-838	IARI 20-87	TR	0	10MS	R	TMS	1.8	10MS
839	IPPSN2020-839	IARI 20-88	TR	0	20S	R	20MS	7.3	20S
840	IPPSN2020-840	IARI 20-89	TMR	0	10MR	R	10MS	2.5	10MS
840A	INFECTOR		80S	60S	80S	80S	100S	80	100S
841	IPPSN2020-841	IARI 20-90	20MS	0	TR	R	0	3.3	20MS
842	IPPSN2020-842	IARI 20-91	TR	0	10MS	R	5MS	2.5	10MS
843	IPPSN2020-843	IARI 20-92	20MR	0	20MR	R	0	3.2	20MR
844	IPPSN2020-844	IARI 20-93	10MR	0	TR	R	0	0.9	10MR
845	IPPSN2020-845	IARI 20-94	10MS	0	10MR	0	30S	8.4	30S
846	IPPSN2020-846	IARI 20-95	20MR	10MR	10MS	0	40S	12	40S
847	IPPSN2020-847	IARI 20-96	20MR	20S	20MS	20S	0	12.8	20S
848	IPPSN2020-848	IARI 20-97	5S	10S	TR	0	0	3	10S
849	IPPSN2020-849	IARI 20-98	10S	20S	TR	15MS	0	8.4	20S
850	IPPSN2020-850	IARI 20-99	20MS	10S	TR	0	0	5.2	20MS
851	IPPSN2020-851	IARI 20-100	10S	60S	20MS	R	0	17.2	60S
852	IPPSN2020-852	IARI 20-101	20MS	0	20S	R	0	7.2	20S
853	IPPSN2020-853	IARI 20-102	10MS	40S	10MR	R	10MS	12	40S
854	IPPSN2020-854	IARI 20-103	20MR	40S	TR	5MR	0	10	40S
855	IPPSN2020-855	IARI 20-104	20MR	10S	TR	0	0	3.6	10S
856	IPPSN2020-856	IARI 20-105	20MS	10S	20MS	0	0	8.4	20MS
857	IPPSN2020-857	IARI 20-106	5S	5MS	10MS	5MS	0	4.2	10MS
858	IPPSN2020-858	IARI 20-107	20MR	40S	TR	15MS	0	12	40S
859	IPPSN2020-859	IARI 20-108	TR	20S	0	R	0	4.1	20S
860	IPPSN2020-860	IARI 20-109	20MR	0	TR	R	0	1.7	20MR
860A	INFECTOR		80S	40S	100S	80S	100S	80	100S
861	IPPSN2020-861	IARI 20-110	TR	0	10MS	0	0	1.6	10MS
862	IPPSN2020-862	IARI 20-111	TR	0	10MR	R	0	0.9	10MR
863	IPPSN2020-863	IARI 20-112	TR	0	0	R	0	0.1	TR

864	IPPSN2020-864	IARI 20-113	20MR	0	0	10MS	5MS	4	10MS
865	IPPSN2020-865	IARI 20-114	10MR	0	0	R	10MS	2.4	10MS
866	IPPSN2020-866	IARI 20-115	20MS	0	TR	R	5MS	4.1	20MS
867	IPPSN2020-867	IARI 20-116	10MR	5S	TR	R	5MR	2.3	5S
868	IPPSN2020-868	IARI 20-117	20MR	0	TR	R	10MS	3.3	10MS
869	IPPSN2020-869	IARI 20-118	TMR	0	TR	R	20MS	3.4	20MS
870	IPPSN2020-870	IARI 20-119	TR	0	0	R	0	0.1	TR
871	IPPSN2020-871	IARI 20-120	5S	0	0	5MS	20S	5.8	20S
872	IPPSN2020-872	IARI 20-121	5MR	10S	0	R	0	2.4	10S
873	IPPSN2020-873	IARI 20-122	20MS	10MS	TR	0	0	4.8	20MS
874	IPPSN2020-874	IARI 20-123	20MS	20S	0	20MS	0	10.4	20S
875	IPPSN2020-875	IARI 20-124	TR	10S	TR	0	0	2.1	10S
876	IPPSN2020-876	IARI 20-125	20MS	40S	0	R	20MS	14.4	40S
877	IPPSN2020-877	IARI 20-126	20MR	40S	TR	R	20MS	12.9	40S
878	IPPSN2020-878	IARI 20-127	20MR	80S	0	R	20MS	20.8	80S
879	IPPSN2020-879	IARI 20-128	TR	20S	0	R	0	4.1	20S
880	IPPSN2020-880	IARI 20-129	TR	60S	0	TMR	0	12.1	60S*
880A	INFECTOR		80S	80S	80S	80S	100S	84	100S
881	IPPSN2020-881	IARI 20-130	10MR	80S	TR	TMR	0	16.9	80S*
882	IPPSN2020-882	IARI 20-131	20MS	10MR	10MR	R	10MS	6.4	20MS
883	IPPSN2020-883	IARI 20-132	10MS	10S	20MR	R	0	5.2	10S
884	IPPSN2020-884	IARI 20-133	20MR	20S	10MR	R	0	6.4	20S
885	IPPSN2020-885	IARI 20-134	10R	10S	40S	R	0	10.4	40S
886	IPPSN2020-886	IARI 20-135	TR	5MS	20MS	R	0	4.1	20MS
887	IPPSN2020-887	IARI 20-136	10MS	5MR	20S	0	0	6	20S
888	IPPSN2020-888	IARI 20-137	30MS	20S	TR	20MS	20S	16	30MS
889	IPPSN2020-889	IARI 20-138	TMS	10MS	0	0	0	1.8	10S
890	IPPSN2020-890	IARI 20-139	TR	40S	0	R	10MS	9.7	40S
891	IPPSN2020-891	IARI 20-140	10MS	20S	0	20MS	20MS	12	20S
892	IPPSN2020-892	IARI 20-141	10MS	5MR	TR	R	0	2.1	10MS
893	IPPSN2020-893	IARI 20-142	10MS	0	20MS	0	10MS	6.4	20MS
894	IPPSN2020-894	IARI 20-143	10R	5S	10MS	15MR	10MS	5.8	10MS
895	IPPSN2020-895	IARI 20-144	TMR	5MR	TR	R	0	0.6	5MR
896	IPPSN2020-896	IARI 20-145	10MS	5MR	10MR	0	0	2.8	10MS
897	IPPSN2020-897	IARI 20-146	TR	0	10MS	0	0	1.6	10MS
898	IPPSN2020-898	IARI 20-147	TMR	0	TR	R	0	0.2	TMR
899	IPPSN2020-899	IARI 20-148	TR	80S	TR	R	0	16.1	80S*
900	IPPSN2020-900	IARI 20-149	TMR	5S	TR	TMR	0	1.2	5S
900A	INFECTOR		80S	60S	100S	80S	100S	84	100S
901	IPPSN2020-901	IARI 20-150	TMR	0	TR	R	0	0.2	TMR
902	IPPSN2020-902	IARI 20-151	TR	5MR	20MS	0	0	3.6	20MS
903	IPPSN2020-903	IARI 20-152	TR	0	40S	R	0	8.1	40S
904	IPPSN2020-904	IARI 20-153	TR	10S	10MS	0	0	3.6	10S
905	IPPSN2020-905	IARI 20-154	TMR	0	20MS	R	0	3.3	20MS
906	IPPSN2020-906	IARI 20-155	10MR	0	10MS	0	5MS	3.2	10MS
907	IPPSN2020-907	IARI 20-156	TMS	0	40S	R	0	8.2	40S
908	IPPSN2020-908	IARI 20-157	20MS	20S	20MS	R	20S	14.4	20S
909	IPPSN2020-909	IARI 20-158	10MR	80S	TR	0	0	16.8	80S*
910	IPPSN2020-910	IARI 20-159	TR	10S	20MR	TMR	0	3.7	10S
911	IPPSN2020-911	IARI 20-160	TR	0	TR	R	20MS	3.3	20MS
912	IPPSN2020-912	IARI 20-161	10MS	0	TR	R	5MS	2.5	10MS
913	IPPSN2020-913	IARI 20-162	5MR	10S	10MS	R	5MS	4.8	10S
914	IPPSN2020-914	IARI 20-163	10R	5MR	10MS	15MS	10MS	6.4	15MS
915	IPPSN2020-915	IARI 20-164	TR	0	20MS	0	0	3.2	20MS
916	IPPSN2020-916	IARI 20-165	TR	0	40S	0	0	8	40S
917	IPPSN2020-917	IARI 20-166	10MR	10S	20MR	20MS	0	7.6	20MS
918	IPPSN2020-918	IARI 20-167	20MS	10S	10MR	15MS	0	8.4	20MS
919	IPPSN2020-919	IARI 20-168	TR	0	TR	R	0	0.1	TR
920	IPPSN2020-920	IARI 20-169	10MS	10S	TR	0	0	3.6	10S
920A	INFECTOR		80S	60S	80S	80S	100S	80	100S
921	IPPSN2020-921	IARI 20-170	TMS	10MR	0	R	0	1	10MR
922	IPPSN2020-922	IARI 20-171	20MS	10S	0	10MR	0	6	20MS
923	IPPSN2020-923	IARI 20-172	TMS	10S	0	10MS	0	3.8	10S
924	IPPSN2020-924	IARI 20-173	TR	0	0	R	0	0.1	TR
925	IPPSN2020-925	IARI 20-174	TR	5S	0	0	0	1	5S
926	IPPSN2020-926	IARI 20-175	10MS	5S	0	15MS	0	5	15MS
927	IPPSN2020-927	P 13582	TR	0	0	0	10MS	1.6	10MS
928	IPPSN2020-928	P 13590	TR	10S	10MR	0	0	2.8	10S
929	IPPSN2020-929	P 13633	TR	0	20MS	0	0	3.2	20MS
930	IPPSN2020-930	P 13644	TMS	10S	20S	0	20MS	9.4	20S

931	IPPSN2020-931	P 13645	TMR	10S	TR	0	0	2.1	10S
932	IPPSN2020-932	P 13673	TR	0	TR	0	0	0.1	TR
933	IPPSN2020-933	P 13733	10MR	10S	10MR	0	0	3.6	10S
934	IPPSN2020-934	P 13757	10MS	20S	10MS	0	0	7.2	20S
935	IPPSN2020-935	P 13769	10MR	10S	TR	R	0	2.9	10S
936	IPPSN2020-936	P 13775	TMS	10S	TR	R	0	2.2	10S
937	IPPSN2020-937	P 13793	TS	10S	0	R	0	2.2	10S
938	IPPSN2020-938	P 13810	TR	5MS	0	TMR	0	0.9	5MS
939	IPPSN2020-939	P 13816	10MS	0	0	15MS	0	4	15MS
940	IPPSN2020-940	P 13818	10MS	20S	0	TMS	0	5.8	20S
940A	INFECTOR		80S	60S	80S	80S	100S	80	100S
941	IPPSN2020-941	P 13822	TR	5S	TR	R	0	1.1	5S
942	IPPSN2020-942	P 13829	10MR	20S	0	0	0	4.8	20S
943	IPPSN2020-943	P 13839	TR	10MS	0	R	TMS	1.8	10MS
944	IPPSN2020-944	P 13869	20S	5MR	0	15MS	0	6.8	20S
945	IPPSN2020-945	P 13888	TMR	5MR	0	R	0	0.5	5MR
946	IPPSN2020-946	P 13900	TR	5MR	0	TMR	0	0.5	5MR
947	IPPSN2020-947	P 13901	10MS	0	0	5MS	0	2.4	10MS
948	IPPSN2020-948	P 13905	20MS	5S	10MS	10MS	0	7.4	20MS
949	IPPSN2020-949	P 13908	10MR	5S	20MS	0	0	5	20MS
950	IPPSN2020-950	P 13919	20MS	5MR	10MR	5MS	0	5.2	20MS
951	IPPSN2020-951	P 13929	30MS	60S	20MS	40S	0	28	60S
952	IPPSN2020-952	P 13932	30MS	0	TR	15MS	0	7.2	30MS
953	IPPSN2020-953	P 13934	10MS	10MR	TR	0	0	2.4	10MS
954	IPPSN2020-954	P 13938	TR	0	0	R	0	0.1	TR
955	IPPSN2020-955	P 13939	20MR	10S	0	R	0	3.6	10S
956	IPPSN2020-956	P 13940	TR	20S	0	10MS	0	5.6	20S
957	IPPSN2020-957	P 13941	NG	5S	0	R	0	1.3	5S
958	IPPSN2020-958	P 13942	20MR	0	0	15MS	0	4	15MS
959	IPPSN2020-959	P 13946	10MS	40S	0	20MS	0	12.8	40S
960	IPPSN2020-960	P 13967	TR	40S	0	10MS	0	9.6	40S
960A	INFECTOR		80S	100S	100S	60S	100S	88	100S
961	IPPSN2020-961	P 13973	TR	5MR	20MR	R	0	2.1	20MR
962	IPPSN2020-962	P 13974	TMR	0	10MS	20MS	0	4.9	20MS
963	IPPSN2020-963	P 13977	20S	10S	20MR	10MS	0	9.2	20S
964	IPPSN2020-964	P 13979	TR	60S	0	0	0	12	60S*
965	IPPSN2020-965	P 13980	20MR	80S	0	10MS	0	19.2	80S*
966	IPPSN2020-966	P 13981	20MS	80S	0	40S	0	27.2	80S
967	IPPSN2020-967	P 13982	5MR	20S	0	0	0	4.4	20S
968	IPPSN2020-968	P 13988	5MR	0	TR	10MS	5MR	2.4	10MS
969	IPPSN2020-969	P 13993	TR	0	0	0	0	0	TR
970	IPPSN2020-970	P 13994	10MR	10S	0	15MS	0	5.2	15MS
971	IPPSN2020-971	P 13999	TMR	0	0	10MS	0	1.7	10MS
972	IPPSN2020-972	P 14000	TR	0	TR	5MS	0	0.9	5MS
973	IPPSN2020-973	P 14022	20MS	5S	10MR	15MS	0	7.4	20MS
974	IPPSN2020-974	P 14034	5MS	5S	10MS	0	0	3.4	10MS
975	IPPSN2020-975	P 14041	5MR	10S	20MS	15MS	0	8	20MS
976	IPPSN2020-976	P 14048	TR	10S	10MS	20MS	0	6.8	20MS
977	IPPSN2020-977	P 14061	5S	5S	10MR	0	0	2.8	5S
978	IPPSN2020-978	P 14090	TMS	10MS	TR	R	0	1.8	10MS
979	IPPSN2020-979	P 14103	20MR	10MS	TR	R	0	3.3	10MS
980	IPPSN2020-980	P 14114	20MS	5MR	TR	TMS	0	3.8	20MS
980A	INFECTOR		80S	60S	80S	80S	100S	80	100S
981	IPPSN2020-981	P 14115	TR	0	TR	R	0	0.1	TR
982	IPPSN2020-982	P 14225	TR	60S	TR	R	0	12.1	60S*
983	IPPSN2020-983	P 8127	TR	5MR	20S	R	20MS	7.7	20S
984	IPPSN2020-984	P 8228	TR	5MS	40MS	R	5MS	8.1	40MS
985	IPPSN2020-985	P 8229	TR	0	40S	R	5MS	8.9	40S
986	IPPSN2020-986	P 8241	TR	10S	20S	R	10MR	6.9	20S
987	IPPSN2020-987	PWU 14	TMR	5S	20MS	10MS	0	5.9	20MS
988	IPPSN2020-988	PWU-15	10R	20S	10MR	R	5MS	6	20S
989	IPPSN2020-989	PWU-16	TR	5MR	TR	R	5MS	1.3	5MS
990	IPPSN2020-990	PWU-17	TMR	5S	TR	0	0	1.1	5S
991	IPPSN2020-991	PWU-18	TR	5MR	TR	R	0	0.5	5MR
992	IPPSN2020-992	PWU-19	TR	0	TR	R	0	0.1	TR
993	IPPSN2020-993	BCW 12	20MR	5MR	0	R	5MS	2.8	20MR
994	IPPSN2020-994	BCW 18	TMR	10MS	0	0	0	1.7	10MS
995	IPPSN2020-995	RWP-TS-15	10R	0	0	R	5S	1.4	5S
996	IPPSN2020-996	RWP-TS-27	10R	20S	0	0	10S	6.4	20S
997	IPPSN2020-997	RWP-TS-24	TMR	0	TR	5MR	0	0.5	5MR

998	IPPSN2020-998	RWP-TS-26	TMR	0	10MR	0	0	0.9	10MR
999	IPPSN2020-999	RWP-TS-23	10MR	0	TR	R	0	0.9	10MR
1000	IPPSN2020-1000	RWP-TS-17	10MS	5S	40S	40S	0	18.6	40S
1000A	INFECTOR		80S	60S	100S	80S	100S	84	100S
1001	IPPSN2020-1001	RWP-TS-33	TR	10MR	0	5MS	0	1.6	5MS
1002	IPPSN2020-1002	RWP-TS-16	10MS	5S	0	R	20S	6.6	20S
1003	IPPSN2020-1003	RWP-TS-11	10S	5S	0	0	0	3	10S
1004	IPPSN2020-1004	RWP-TS-13	TR	80S	0	TMR	0	16.1	80S*
1005	IPPSN2020-1005	RWP-TS-28	TMR	5S	40S	0	0	9.1	40S
1006	IPPSN2020-1006	RWP-TS-01	TMR	20S	TR	TMS	0	4.3	20S
1007	IPPSN2020-1007	NEP-TS-14	TR	5MR	TR	0	10S	2.5	10S
1008	IPPSN2020-1008	NEP-TS-4	TR	0	TR	0	5MS	0.9	5MS
1009	IPPSN2020-1009	NEP-TS-7	20MS	20MS	TR	0	0	6.4	20MS
1010	IPPSN2020-1010	NEP-TS-1	TR	5MR	0	R	10MS	2.1	10MS
1011	IPPSN2020-1011	NEP-TS-18	20MS	40S	0	15MS	10MR	14.4	40S
1012	IPPSN2020-1012	DWAP-TS-14	20MS	40S	TR	40S	10S	21.2	40S
1013	IPPSN2020-1013	DWAP-TS-13	10MR	0	TR	0	0	0.8	10MR
1014	IPPSN2020-1014	DWAP-TS-21	TR	10S	TR	0	20S	6.1	20S
1015	IPPSN2020-1015	DWAP-TS-22	20S	40S	TR	20S	60S	28	60S
1016	IPPSN2020-1016	BST-A-TS-20	5S	20S	TR	R	0	5.1	20S
1017	IPPSN2020-1017	BST-A-TS-05	TR	0	10MR	R	0	0.9	10MR
1018	IPPSN2020-1018	BST-A-TS-09	10S	5S	20MR	5MS	0	5.4	10S
1019	IPPSN2020-1019	BST-A-TS-07	5S	5S	TR	20MS	10MS	6.8	20MS
1020	IPPSN2020-1020	BST-A-TS-10	10MS	5S	0	15MS	0	5	15MS
1020A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1021	IPPSN2020-1021	BST-A-TS-19	TR	5S	0	0	0	1	5S
1022	IPPSN2020-1022	BST-A-TS-04	20MR	0	0	0	0	1.6	20MR
1023	IPPSN2020-1023	QYT-TS-15	TR	0	0	R	0	0.1	TR
1024	IPPSN2020-1024	QYT-TS-12	5S	80S	0	R	0	17	80S*
1025	IPPSN2020-1025	QYT-TS-08	TR	40S	0	10MR	TMS	9	40S
1026	IPPSN2020-1026	QYT-TS-14	10R	40S	0	10MS	30MS	14.8	40S
1027	IPPSN2020-1027	QYT-TS-06	TR	20S	0	0	0	4	20S
1028	IPPSN2020-1028	QYT-TS-03	TR	0	0	0	0	0	TR
1029	IPPSN2020-1029	GRU/2019-20/12	TMR	5S	10MS	R	0	2.7	10MS
1030	IPPSN2020-1030	RWP-TS-29	10MR	20S	20MS	R	20S	12	20S
1031	IPPSN2020-1031	RWP-TS-19	20MS	0	10MR	TMS	0	4.2	20MS
1032	IPPSN2020-1032	RWP-TS-03	10MR	10MS	TR	R	10MS	4.1	10MS
1033	IPPSN2020-1033	RWP-TS-35	TR	40S	10MR	20MS	0	12	40S
1034	IPPSN2020-1034	RWP-TS-36	TR	0	20MS	0	0	3.2	20MS
1035	IPPSN2020-1035	RWP-TS-22	5S	20MS	20S	0	0	8.2	20S
1036	IPPSN2020-1036	RWP-TS-38	10MR	5MR	20S	0	0	5.2	20S
1037	IPPSN2020-1037	RWP-TS-25	10MR	5MR	20MS	0	0	4.4	20MS
1038	IPPSN2020-1038	NEP-TS-23	10MR	0	0	5MS	0	1.6	5MS
1039	IPPSN2020-1039	DWAP-TS-04	10S	80S	0	40S	0	26	80S
1040	IPPSN2020-1040	DWAP-TS-29	5S	5S	0	0	0	2	5S
1040A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1041	IPPSN2020-1041	DWAP-TS-07	40S	5S	TR	0	0	9	40S
1042	IPPSN2020-1042	DWAP-TS-26	10MS	5S	TR	R	0	2.7	10MS
1043	IPPSN2020-1043	DWAP-TS-28	10MR	0	0	R	5MS	1.6	5MS
1044	IPPSN2020-1044	BST-D-TS-04	TR	0	10MR	R	0	0.9	10MR
1045	IPPSN2020-1045	BST-A-TS-25	TR	5MR	0	5MS	0	1.2	5MS
1046	IPPSN2020-1046	BST-A-TS-15	10MS	10S	20MS	15MS	0	9.2	20MS
1047	IPPSN2020-1047	BST-A-TS-26	10MS	20S	20MS	20MS	20S	16	20S
1048	IPPSN2020-1048	BST-A-TS-17	20S	20S	TR	20MS	10S	13.2	20S
1049	IPPSN2020-1049	BST-A-TS-14	20S	5S	0	20MS	20S	12.2	20S
1050	IPPSN2020-1050	QYT-TS-20	10MS	40S	0	0	0	9.6	40S
1051	IPPSN2020-1051	QYT-TS-02	TR	10S	10MS	R	5MS	4.5	10S
1052	IPPSN2020-1052	QYT-TS-25	10MS	20S	20MS	0	0	8.8	20S
1053	IPPSN2020-1053	PYT-TS-SR-15	TR	0	10MS	0	0	1.6	10MS
1054	IPPSN2020-1054	RWP-IR-LS-13	40S	60S	20MR	R	0	21.6	60S
1055	IPPSN2020-1055	RWP-IR-LS-07	20MS	80S	TR	R	0	19.3	80S
1056	IPPSN2020-1056	RWP-IR-LS-12	TR	0	TR	0	0	0.1	TR
1057	IPPSN2020-1057	RWP-IR-LS-05	10MS	40S	0	15MS	20MS	15.2	40S
1058	IPPSN2020-1058	RWP-IR-LS-10	10MR	20S	0	0	20MS	8	20S
1059	IPPSN2020-1059	RWP-IR-LS-04	10MR	10S	TR	20MS	0	6	20MS
1060	IPPSN2020-1060	RWP-IR-LS-02	20R	20S	TR	R	0	4.9	20S
1060A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1061	IPPSN2020-1061	RWP-IR-LS-06	10MS	80S	10MR	R	0	18.4	80S*
1062	IPPSN2020-1062	NEPZ-LS-24	TR	20S	10MS	R	5MS	6.5	20S
1063	IPPSN2020-1063	NEPZ-LS-25	10MS	40S	40S	R	20S	21.6	40S

1064	IPPSN2020-1064	NEPZ-LS-08	10MR	40S	20MS	10MS	0	13.6	40S
1065	IPPSN2020-1065	NEPZ-LS-17	TR	20S	20MR	0	0	5.6	20S
1066	IPPSN2020-1066	NEPZ-LS-04	20R	20S	TR	R	0	4.9	20S
1067	IPPSN2020-1067	NEPZ-LS-12	TR	5MS	TR	R	0	0.9	5MS
1068	IPPSN2020-1068	NEPZ-LS-09	20MS	80S	TR	10MS	5S	21.8	80S
1069	IPPSN2020-1069	DWAP-LS-06	10MR	60S	10MS	R	0	14.4	60S*
1070	IPPSN2020-1070	DWAP-LS-07	20MS	10S	20S	40S	20S	21.2	40S
1071	IPPSN2020-1071	DWAP-LS-11	10MR	0	10MR	20MS	0	4.8	20MS
1072	IPPSN2020-1072	DWAP-LS-08	10MS	10S	10MR	30MS	10MS	10.8	30MS
1073	IPPSN2020-1073	DWAP-LS-13	10MR	5MR	TR	R	5MS	2.1	5MS
1074	IPPSN2020-1074	DWAP-LS-16	TR	0	10MS	10MS	0	3.2	10MS
1075	IPPSN2020-1075	DWAP-LS-19	TR	10MS	TR	0	0	1.7	10MS
1076	IPPSN2020-1076	DWAP-LS-14	10MS	20S	5MR	5MS	0	6.8	20S
1077	IPPSN2020-1077	BST-A-LS-01	10MR	TR	TR	0	0	0.9	10MR
1078	IPPSN2020-1078	BST-A-LS-10	10MS	0	10MS	20MS	0	6.4	20MS
1079	IPPSN2020-1079	BST-A-LS-02	TR	20S	TR	5MS	0	4.9	20S
1080	IPPSN2020-1080	BST-A-LS-07	20MS	80S	TR	0	0	19.2	80S
1080A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1081	IPPSN2020-1081	BST-A-LS-03	20S	20S	TR	20S	10S	14	20S
1082	IPPSN2020-1082	QYT-LS-1944	20S	10S	5MR	10MS	0	8	20S
1083	IPPSN2020-1083	QYT-LS-1950	20S	10S	TR	0	0	6	20S
1084	IPPSN2020-1084	QYT-LS-1943	TR	20S	10MS	0	0	5.6	20S
1085	IPPSN2020-1085	QYT-LS-1958	TR	0	20MR	0	0	1.6	20MR
1086	IPPSN2020-1086	GRU/2019-20/13	TR	40S	TR	R	5MS	8.9	40S
1087	IPPSN2020-1087	RWP-RI-14	20MS	40S	TR	20MS	0	14.4	40S
1088	IPPSN2020-1088	RWP-RI-16	10MS	60S	TR	20MS	0	16.8	60S
1089	IPPSN2020-1089	RWP-RI-02	TR	20S	0	R	0	4.1	20S
1090	IPPSN2020-1090	RWP-RI-06	10MS	10MR	0	0	0	2.4	10MS
1091	IPPSN2020-1091	RWP-RI-17	20MS	10S	0	15MS	0	7.6	20MS
1092	IPPSN2020-1092	RWP-RI-07	40S	10S	20MS	30S	0	19.2	40S
1093	IPPSN2020-1093	RWP-RI-15	20MS	10S	10MR	10MS	0	7.6	20MS
1094	IPPSN2020-1094	RWP-RI-19	10MR	5MR	20MS	0	0	4.4	20MS
1095	IPPSN2020-1095	NEPZ-RI-15	10MS	80S	40S	20MS	40S	36.8	80S
1096	IPPSN2020-1096	NEPZ-RI-06	TMR	40S	20S	R	20S	16.1	40S
1097	IPPSN2020-1097	NEPZ-RI-03	5MS	0	TR	R	0	0.9	5MS
1098	IPPSN2020-1098	NEPZ-RI-14	TR	5MR	TR	R	20S	4.5	20S
1099	IPPSN2020-1099	DWAP-10	TR	10MS	TR	0	0	1.7	10MS
1100	IPPSN2020-1100	DWAP-04	TR	20S	TR	0	0	4.1	20S
1100A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1101	IPPSN2020-1101	DWAP-19	10R	20S	TR	R	20S	8.5	20S
1102	IPPSN2020-1102	DWAP-06	10MR	10S	0	10MS	10MR	5.2	10S
1103	IPPSN2020-1103	BST-A-RI-1905	20MS	40S	40MS	40S	20MS	28.8	40S
1104	IPPSN2020-1104	BST-A-RI-1904	10MS	5S	10MS	R	0	4.2	10MS
1105	IPPSN2020-1105	BST-A-RI-1907	20S	20S	20MS	20MS	TMR	14.5	20S
1106	IPPSN2020-1106	QYT-RI-1926	TR	10S	0	R	0	2.1	10S
1107	IPPSN2020-1107	QYT-RI-1941	10MS	10S	0	20MS	0	6.8	20MS
1108	IPPSN2020-1108	GRU/2019-20/14	TR	5S	0	0	0	1	5S
1109	IPPSN2020-1109	HUWL2001	10MS	40S	0	20MS	40S	20.8	40S
1110	IPPSN2020-1110	HUWL2002	10MS	10S	0	0	NG	4.5	10S
1111	IPPSN2020-1111	HUWL2003	10MS	10S	10MS	0	0	5.2	10S
1112	IPPSN2020-1112	HUWL2004	TR	20MS	20MR	R	0	4.9	20MS
1113	IPPSN2020-1113	HUWL2005	10MS	80S	0	0	0	17.6	80S*
1114	IPPSN2020-1114	HUWL2006	10MR	40S	0	20S	10MR	13.6	40S
1115	IPPSN2020-1115	HUWL2007	10MR	0	5MR	R	5MR	1.6	10MR
1116	IPPSN2020-1116	HUWL2008	20S	20S	10MR	20MS	20MR	13.6	20S
1117	IPPSN2020-1117	HUWL2009	NG	80S	TR	NG	NG	40.1	80S
1118	IPPSN2020-1118	HUWL2010	20S	60S	TR	40S	5MR	24.4	60S
1119	IPPSN2020-1119	HUWL2011	TR	80S	0	NG	0	20.1	80S*
1120	IPPSN2020-1120	HUWL2012	10MR	0	TR	0	0	0.8	10MR
1120A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1121	IPPSN2020-1121	HUWL2013	5R	20MS	TR	R	0	3.5	20MS
1122	IPPSN2020-1122	HUWL2014	10S	0	0	0	10MR	2.8	10S
1123	IPPSN2020-1123	HUWL2015	TR	5MR	10MS	R	0	2.1	10MS
1124	IPPSN2020-1124	HUWL2016	5MR	0	20MS	0	0	3.6	20MS
1125	IPPSN2020-1125	HUWL2017	10MS	40S	10MR	0	5MS	11.2	40S
1126	IPPSN2020-1126	HUWL2018	40S	60S	10MR	20MS	20MR	25.6	60S
1127	IPPSN2020-1127	HUWL2019	10MS	10MS	5MR	40S	20MS	14.8	40S
1128	IPPSN2020-1128	HUWL2020	5MS	10S	20MS	0	0	6	20MS
1129	IPPSN2020-1129	HUWL2021	20S	60S	0	0	20S	20	60S
1130	IPPSN2020-1130	HUWL2022	20S	20S	0	15MS	0	10.4	20S

1131	IPPSN2020-1131	HUWL2023	20MS	20MS	0	20MS	0	9.6	20MS
1132	IPPSN2020-1132	HUWL2024	10MS	10S	40S	0	0	11.6	40S
1133	IPPSN2020-1133	HUWL2025	10MS	5MR	20S	0	20S	10	20S
1134	IPPSN2020-1134	HUWL2026	5MR	20S	10MS	R	0	6	20S
1135	IPPSN2020-1135	HUWL2027	10MR	5MR	20S	R	0	5.2	20S
1136	IPPSN2020-1136	HUWL2028	10MS	10MS	40S	0	0	11.2	40S
1137	IPPSN2020-1137	HUWL2029	5MR	10S	0	0	10S	4.4	10S
1138	IPPSN2020-1138	HUWL2030	10S	20S	0	20MS	0	9.2	20S
1139	IPPSN2020-1139	HUWL2031	20S	40S	TR	5MS	0	12.8	40S
1140	IPPSN2020-1140	HUWL2032	10MS	20S	TR	R	10S	7.7	20S
1140A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1141	IPPSN2020-1141	HUWL2033	5MR	80S	20MS	40S	60S	39.6	80S
1142	IPPSN2020-1142	HUWL2034	10MR	60S	TR	0	0	12.8	60S*
1143	IPPSN2020-1143	HUWL2035	40S	80S	TR	20MS	40S	35.2	80S
1144	IPPSN2020-1144	HUWL2036	40S	60S	TR	20MS	10MS	24.8	60S
1145	IPPSN2020-1145	HUWL2037	20S	40S	0	15MS	0	14.4	40S
1146	IPPSN2020-1146	HUWL2038	20S	20S	0	10MS	10MS	11.2	20S
1147	IPPSN2020-1147	HUWL2039	NG	0	NG	NG	NG	0	0
1148	IPPSN2020-1148	HUWL2040	20MS	40S	TR	20S	60S	27.2	60S
1149	IPPSN2020-1149	BW17R2038	20MS	40S	20MS	15MS	0	16.8	40S
1150	IPPSN2020-1150	BW17R6045	10MR	20S	20S	0	20S	12.8	20S
1151	IPPSN2020-1151	Sahib 2603	5MR	0	TR	5MS	0	1.2	5MS
1152	IPPSN2020-1152	920(d)	TR	0	10MR	R	5MR	1.3	10MR
1153	IPPSN2020-1153	926	60S	60S	20MR	40S	80S	49.6	80S
1154	IPPSN2020-1154	946	5MR	10S	TR	15MS	5MR	5.2	15MS
1155	IPPSN2020-1155	948	20MS	10MS	TR	20MS	5MS	8.8	20MS
1156	IPPSN2020-1156	1006	TR	0	0	R	0	0.1	TR
1157	IPPSN2020-1157	1013	20S	40S	0	40MS	5MS	19.2	40S
1158	IPPSN2020-1158	1117	TR	0	0	R	0	0.1	TR
1159	IPPSN2020-1159	1119	TR	10S	0	R	0	2.1	10S
1160	IPPSN2020-1160	1216	TR	40S	0	20MS	0	11.2	40S
1160A	INFECTOR		80S	40S	80S	60S	100S	72	100S
1161	IPPSN2020-1161	1322	10MS	60S	20MS	R	10MS	18.4	60S
1162	IPPSN2020-1162	RAUW 11	NG	40S	NG	NG	NG	40	40S
1163	IPPSN2020-1163	RAUW 12	NG	0	TR	0	NG	0.1	TR
1164	IPPSN2020-1164	RAUW 13	TR	0	TR	0	0	0.1	TR
1165	IPPSN2020-1165	RAUW 14	5MS	5MR	NG	0	NG	2	5MS
1166	IPPSN2020-1166	RAUW 15	10MR	0	20MS	10MR	0	4.8	20MS
1167	IPPSN2020-1167	WR 2065	30MS	10S	20MS	5MS	10MS	12.4	30MS
1168	IPPSN2020-1168	WR 2066	TR	0	10MS	R	0	1.7	10MS
1169	IPPSN2020-1169	WR 2067	TR	20S	TR	R	5MS	4.9	20S
1170	IPPSN2020-1170	WR 2068	10MS	40S	TR	10MS	0	11.2	40S
1171	IPPSN2020-1171	WR 2069	20MS	20S	TR	5MS	0	8	20S
1172	IPPSN2020-1172	WR 2070	20MS	40S	0	10MS	0	12.8	40S
1173	IPPSN2020-1173	WR 2071	20MS	40S	0	5MS	20S	16	40S
1174	IPPSN2020-1174	WR 2072	40S	40S	0	40S	40S	32	40S
1175	IPPSN2020-1175	WR 2073	10MR	20S	0	10MS	20S	10.4	20S
1176	IPPSN2020-1176	WR 2074	20S	20MS	10MS	20MR	10MR	11.2	20S
1177	IPPSN2020-1177	WR 2075	10MR	20MS	20MS	0	0	7.2	20MS
1178	IPPSN2020-1178	WR 2076	40S	60S	10MR	15MS	30S	29.2	60S
1179	IPPSN2020-1179	WR 2077	40S	40S	40S	20S	10S	30	40S
1180	IPPSN2020-1180	WR 2078	20S	40S	20S	20S	10S	22	40S
1180A	INFECTOR		80S	60S	100S	80S	100S	84	100S
1181	IPPSN2020-1181	WR 2079	20MS	5S	10MR	40S	0	13	40S
1182	IPPSN2020-1182	WR 2080	TR	0	20MR	5MS	0	2.4	20MR
1183	IPPSN2020-1183	WR 2081	20MS	0	10MR	15MS	10S	8.4	20MS
1184	IPPSN2020-1184	WR 2082	TR	10S	20MR	15MS	0	6	15MS
1185	IPPSN2020-1185	WR 2083	20MR	5MR	TR	15MS	0	4.4	15MS
1186	IPPSN2020-1186	WR 2084	20MS	10MS	TR	20MS	20S	12	20S
1187	IPPSN2020-1187	WR 2085	TR	0	TR	R	5MS	0.9	5MS
1188	IPPSN2020-1188	WR 2086	10MR	10S	0	R	20MS	6	20MS
1189	IPPSN2020-1189	WR 2087	20MR	40S	0	20S	10S	15.6	40S
1190	IPPSN2020-1190	WR 2088	20MS	60S	5MR	20MS	NG	23.5	60S
1191	IPPSN2020-1191	WR 2089	TR	5MR	TR	TMS	0	0.6	5MR
1192	IPPSN2020-1192	WR 2090	TR	10MR	TR	40S	0	8.9	40S
1193	IPPSN2020-1193	WR 2091	TR	40S	20MS	10MS	5S	13.8	40S
1194	IPPSN2020-1194	WR 2092	TR	60S	TR	15MS	5MS	15.3	60S
1195	IPPSN2020-1195	WR 2093	TR	40S	0	0	0	8	40S
1196	IPPSN2020-1196	WR 2094	10MR	20S	TR	10MR	0	5.6	20S
1197	IPPSN2020-1197	WR 2095	10MR	10S	TR	5MS	0	3.6	10S

1198	IPPSN2020-1198	WR 2096	20MS	40S	TR	TMS	0	11.4	40S
1199	IPPSN2020-1199	WR 2097	20MS	40S	0	5MR	0	11.6	40S
1200	IPPSN2020-1200	WR 2098	20MS	20S	0	5MR	0	7.6	20S
1200A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1201	IPPSN2020-1201	WR 2099	10MS	60S	10MS	R	0	15.2	60S*
1202	IPPSN2020-1202	WR 2100	10MS	10S	10MS	5MS	0	6	10S
1203	IPPSN2020-1203	WR 2101	10MR	5S	20MS	R	0	5	20MS
1204	IPPSN2020-1204	WR 2102	10MR	10MR	5MR	5MR	0	2.4	10MR
1205	IPPSN2020-1205	WR 2103	TR	0	TR	TMR	0	0.2	TMR
1206	IPPSN2020-1206	WR 2104	TR	0	0	0	0	0	TR
1207	IPPSN2020-1207	WR 2105	TR	0	0	0	0	0	TR
1208	IPPSN2020-1208	WR 2106	TR	10MS	0	10MS	10MS	4.8	10MS
1209	IPPSN2020-1209	WR 2107	TR	0	0	0	0	0	TR
1210	IPPSN2020-1210	WR 2108	TR	5S	0	0	0	1	5S
1211	IPPSN2020-1211	WR 2109	TR	60S	0	5MS	0	12.8	60S*
1212	IPPSN2020-1212	WR 2110	10MR	0	0	5MS	0	1.6	5MS
1213	IPPSN2020-1213	WR 2111	10MR	0	20MR	R	10S	4.4	10S
1214	IPPSN2020-1214	WR 2112	10MR	5MS	TR	20MS	20S	8.8	20S
1215	IPPSN2020-1215	WR 2113	TR	20S	10MS	0	0	5.6	20S
1216	IPPSN2020-1216	WR 2114	10MR	5MR	20MS	R	0	4.4	20MS
1217	IPPSN2020-1217	TAW40	10MR	10S	TR	0	0	2.8	10S
1218	IPPSN2020-1218	TAW41	20MS	5MR	TR	R	0	3.7	20MS
1219	IPPSN2020-1219	TAW66	TR	10S	0	15MS	0	4.4	15MS
1220	IPPSN2020-1220	TAW90	TR	20S	0	R	0	4.1	20S
1220A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1221	IPPSN2020-1221	TAW99	TR	40S	TR	R	0	8.1	40S
1222	IPPSN2020-1222	TAW100	10MR	20S	TR	0	0	4.8	20S
1223	IPPSN2020-1223	TAW101	10MR	60S	10MR	5MS	40S	22.4	60S
1224	IPPSN2020-1224	TAW76	10MS	0	0	15MS	10MS	5.6	15MS
1225	IPPSN2020-1225	TAW77	20S	0	20MS	40S	20MS	18.4	40S
1226	IPPSN2020-1226	TAW121	TMR	60S	0	TMR	0	12.2	60S*
1227	IPPSN2020-1227	TAW133	TR	20S	10MS	R	0	5.7	20S
1228	IPPSN2020-1228	TAW142	TR	5S	5MR	0	0	1.4	5S
1229	IPPSN2020-1229	BWL 6801	TR	10MS	TR	0	0	1.7	10MS
1230	IPPSN2020-1230	BNSR-6	10MS	5S	0	10MS	0	4.2	10MS
1231	IPPSN2020-1231	UP 3101	10MR	20S	0	5MR	0	5.2	20S
1232	IPPSN2020-1232	IND 573	TR	5MR	TR	R	0	0.5	5MR
1233	IPPSN2020-1233	MACS 6823	10MS	5S	TR	10MR	0	3.4	10MS
1234	IPPSN2020-1234	QLD 117	TR	5MS	20MS	15MS	NG	8.1	20MS
1235	IPPSN2020-1235	MACS 6821	10MR	5MR	20MS	0	0	4.4	20MS
1236	IPPSN2020-1236	NEQ-2020-2	TMR	20S	10MS	10MS	20MS	10.5	20S
1237	IPPSN2020-1237	BWL 9986	10MR	40S	TR	20S	10S	14.8	40S
1238	IPPSN2020-1238	UASQ 331	5MR	10MS	TR	R	40MS	8.5	40MS
1239	IPPSN2020-1239	CG 2021	TR	60S	10MR	5MS	0	13.6	60S*
1240	IPPSN2020-1240	MACS 6822	TR	0	10MR	R	0	0.9	10MR
1240A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1241	IPPSN2020-1241	QLD 120	10MR	20MS	20MR	5MR	0	6	20MS
1242	IPPSN2020-1242	UP 3104	TR	60S	TR	0	0	12.1	60S*
1243	IPPSN2020-1243	GW-A-2020-999	TR	20S	TR	R	0	4.1	20S
1244	IPPSN2020-1244	DWAP-2026	TR	60S	TR	15MS	0	14.5	60S
1245	IPPSN2020-1245	ID 2017	TR	0	0	R	0	0.1	TR
1246	IPPSN2020-1246	DWAP 1926	TR	80S	TR	R	0	16.1	80S*
1247	IPPSN2020-1247	BWL 9981	10MR	0	TR	R	10MS	2.5	10MS
1248	IPPSN2020-1248	MACS 6824	TR	0	5MR	R	0	0.5	5MR
1249	IPPSN2020-1249	QLD 119	TR	80S	TR	R	0	16.1	80S*
1250	IPPSN2020-1250	IND 572	TR	0	0	0	0	0	TR
1251	IPPSN2020-1251	QLD 121	TMR	20S	TR	R	NG	5.2	20S
1252	IPPSN2020-1252	QBI-19 - 09	TR	5MR	20MR	R	0	2.1	20MR
1253	IPPSN2020-1253	QLD 118	TMR	40S	TR	R	20S	12.2	40S
1254	IPPSN2020-1254	GW - A- 2019-955	TMR	5MR	10MS	R	0	2.1	10MS
1255	IPPSN2020-1255	QBI 19-27	30MS	20S	TR	10MS	0	10.4	30MS
1256	IPPSN2020-1256	QBP-18-15	10MR	40S	0	15MS	0	11.2	40S
1257	IPPSN2020-1257	RWP 1002	TR	20S	0	0	0	4	20S
1258	IPPSN2020-1258	QBI-20-20	TR	80S	20MR	0	0	17.6	80S*
1259	IPPSN2020-1259	GW-A-2020-1002	TR	5S	10MS	15MS	20MS	8.2	20MS
1260	IPPSN2020-1260	QLD 122	10MR	20S	TR	R	0	4.9	20S
1260A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1261	IPPSN2020-1261	CG 2023	20MS	80S	20MS	20S	0	26.4	80S
1262	IPPSN2020-1262	DWAP 1925	TR	40S	10MR	10MS	0	10.4	40S
1263	IPPSN2020-1263	QBI-20-14	TR	0	10MS	TMR	0	1.7	10MS

1264	IPPSN2020-1264	QBI 19-24	5MR	5MR	TR	TMS	20S	5	20S
1265	IPPSN2020-1265	GW-A-2020-998	TR	0	0	TMS	0	0.2	TMS
1266	IPPSN2020-1266	QLD 123	10MR	10MS	0	R	0	2.4	10MS
1267	IPPSN2020-1267	RWP 1146	10S	40S	0	10MS	60S	23.6	60S
1268	IPPSN2020-1268	DWAP-2025	20S	40S	10MS	20MS	20S	20.8	40S
1269	IPPSN2020-1269	QBI-20-9	10MS	10S	TR	0	20S	7.6	20S
1270	IPPSN2020-1270	BNSR-7	TMR	0	TR	0	0	0.1	TMR
1271	IPPSN2020-1271	HTW 2019-21	TR	0	10MR	R	5MS	1.7	5MS
1272	IPPSN2020-1272	GW-A-2019-957	TR	0	20MR	5MS	0	2.4	5MS
1273	IPPSN2020-1273	QBI-19 - 15	10MR	5S	TR	R	0	1.9	5S
1274	IPPSN2020-1274	GW - (d)- 2019-987	TR	0	10MS	R	0	1.7	10MS
1275	IPPSN2020-1275	UASQ 330	TR	0	TR	R	0	0.1	TR
1276	IPPSN2020-1276	NEQ-2020-1	TR	0	0	0	0	0	TR
1277	IPPSN2020-1277	DBW88-1	TR	0	0	0	0	0	TR
1278	IPPSN2020-1278	DBW88-2	TR	5S	0	10MS	0	2.6	10MS
1279	IPPSN2020-1279	DBW88-3	TR	5S	TR	0	0	1.1	5S
1280	IPPSN2020-1280	DBW88-4	TR	10S	TR	0	0	2.1	10S
1280A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1281	IPPSN2020-1281	DBW88-5	TR	5MS	10MR	0	0	1.6	5MS
1282	IPPSN2020-1282	DBW88-6	5MS	5S	20S	0	0	5.8	20S
1283	IPPSN2020-1283	DBW88-7	TR	5MR	40S	0	0	8.4	40S
1284	IPPSN2020-1284	DBW88-8	TR	10S	20MS	0	10MS	6.8	20MS
1285	IPPSN2020-1285	DBW88-9	10S	80S	10MS	5MR	5MS	20.8	80S
1286	IPPSN2020-1286	DBW88-10	20MS	5MS	40S	0	0	12	40S
1287	IPPSN2020-1287	DBW88-11	10MS	40S	10MS	TMR	20S	15.3	40S
1288	IPPSN2020-1288	DBW88-12	10MS	10S	5MR	0	10S	6	10S
1289	IPPSN2020-1289	DBW88-13	20S	40S	20MS	20MS	0	18.4	40S
1290	IPPSN2020-1290	DBW88-14	10MS	20S	0	0	0	5.6	20S
1291	IPPSN2020-1291	DBW88-15	10MS	5MS	0	TMR	0	2.5	10MS
1292	IPPSN2020-1292	DBW88-16	10MS	0	0	TMR	0	1.7	10MS
1293	IPPSN2020-1293	DBW88-17	10MS	0	TR	R	0	1.7	10MS
1294	IPPSN2020-1294	DBW88-18	20MR	5S	0	R	0	2.6	20,MR
1295	IPPSN2020-1295	DBW88-19	10MS	10MS	20MS	5MS	0	7.2	20MS
1296	IPPSN2020-1296	DBW88-20	10MR	0	TR	0	0	0.8	10MR
1297	IPPSN2020-1297	DBW88-21	10S	5MR	10MS	15MS	10MS	8	15MS
1298	IPPSN2020-1298	DBW88-22	20S	5S	TR	15MS	0	7.4	20S
1299	IPPSN2020-1299	DBW88-23	10S	20S	TR	5MS	0	6.8	20S
1300	IPPSN2020-1300	DBW88-24	TMS	5S	20MR	0	0	2.8	20MR
1300A	INFECTOR		80S	80S	80S	80S	100S	84	100S
1301	IPPSN2020-1301	KRL-2001	10S	60S	10MS	15MS	40S	26	60S
1302	IPPSN2020-1302	KRL-2006	10S	5S	20MS	0	0	6.2	20MS
1303	IPPSN2020-1303	KRL-2009	10MR	0	TR	0	0	0.8	10MR
1304	IPPSN2020-1304	KRL-2011	5MR	5S	20MS	R	0	4.6	20MS
1305	IPPSN2020-1305	KRL-2012	TMR	0	10MS	0	0	1.7	10MS
1306	IPPSN2020-1306	KRL-2017	10MS	0	TR	20MS	0	4.8	20MS
1307	IPPSN2020-1307	KRL-2018	10MR	10MS	TR	0	5MS	3.2	10MS
1308	IPPSN2020-1308	KRL-2023	10MS	60S	0	20MS	0	16.8	60S
1309	IPPSN2020-1309	KRL-2026	10S	10S	0	20MS	0	7.2	20MS
1310	IPPSN2020-1310	KRL-2027	10S	0	0	0	0	2	10S
1311	IPPSN2020-1311	RWP1116	TR	10S	TR	10MR	0	2.9	10S
1312	IPPSN2020-1312	RWP1119	5S	40S	TR	0	0	9	40S
1313	IPPSN2020-1313	LBP-2019-14	10MS	20S	10MR	15MS	0	8.8	20S
1314	IPPSN2020-1314	LBP-2019-21	10MS	5S	5MR	20MS	0	6.2	20MS
1315	IPPSN2020-1315	LBP-2019-31	10S	60S	10MR	10MS	0	16.4	60S
1316	IPPSN2020-1316	DWAP2022	20MR	0	10MS	0	0	3.2	10MS
1317	IPPSN2020-1317	DWAP2023	10MS	0	0	R	0	1.6	10MS
1318	IPPSN2020-1318	DWAP2024	10S	10MS	0	5MR	0	4	10S
1319	IPPSN2020-1319	SANSR-8	10MS	20S	10MS	0	0	7.2	20MS
1320	IPPSN2020-1320	SANSR-9	10S	20S	20MS	R	0	9.2	20S
1320A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1321	IPPSN2020-1321	HD3414	10S	40S	20MS	R	0	13.2	40S
1322	IPPSN2020-1322	HD3415	10MR	10S	10MS	10MR	0	5.2	10S
1323	IPPSN2020-1323	K1901	5S	80S	TR	0	5MS	17.8	80S*
1324	IPPSN2020-1324	K1905	10MR	80S	TR	0	0	16.8	80S*
1325	IPPSN2020-1325	NW-8003	TR	80S	10MS	0	0	17.6	80S*
1326	IPPSN2020-1326	NW-8005	10MS	60S	20MS	10MS	5S	19.4	60S
1327	IPPSN2020-1327	WH1278	TMR	5MR	10MR	20MS	0	4.5	20MS
1328	IPPSN2020-1328	WH1283	TR	0	TR	R	0	0.1	TR
1329	IPPSN2020-1329	BWL5179	TR	0	TR	0	10MS	1.7	10MS
1330	IPPSN2020-1330	BWL6851	10MS	0	20MS	10MS	10MS	8	20MS

1331	IPPSN2020-1331	RAJ4564	20MS	80S	5MR	20MS	20MS	26	80S
1332	IPPSN2020-1332	RAJ4565	TMR	10MR	TR	10MS	20S	6.5	20S
1333	IPPSN2020-1333	UASS300	TMR	10MS	TR	R	10MS	3.4	10MS
1334	IPPSN2020-1334	UASS310	TMR	20S	0	0	0	4.1	20S
1335	IPPSN2020-1335	KRL210 ©	10MR	20S	0	5MS	5MS	6.4	20S
1336	IPPSN2020-1336	KRL19 ©	20S	60S	0	40S	20S	28	60S
1337	IPPSN2020-1337	CST-1	10MS	40S	0	5MR	0	10	40S
1338	IPPSN2020-1338	CST-2	20MR	20S	20MR	0	0	7.2	20S
1339	IPPSN2020-1339	CST-3	10S	40S	TR	0	0	10	40S
1340	IPPSN2020-1340	CST-4	20MR	0	0	0	0	1.6	20MR
1340A	INFECTOR		80S	60S	80S	60S	100S	76	100S
1341	IPPSN2020-1341	CST-5	TR	0	TR	TMR	10S	2.2	10S
1342	IPPSN2020-1342	CST-6	TR	5S	10MR	R	0	1.9	5S
1343	IPPSN2020-1343	CST-7	TR	40S	5MR	15MS	0	10.8	40S
1344	IPPSN2020-1344	CST-8	20MR	20S	TR	0	5MS	6.4	20S
1345	IPPSN2020-1345	CST-9	20MS	0	TR	0	40S	11.2	40S
1346	IPPSN2020-1346	CST-10	TR	5S	0	R	0	1.1	5S
1347	IPPSN2020-1347	CST-11	10MR	0	0	0	0	0.8	10MR
1348	IPPSN2020-1348	CST-12	TR	0	0	TMR	0	0.1	TMR
1349	IPPSN2020-1349	CST-13	TR	0	0	0	0	0	TR
1350	IPPSN2020-1350	CST-14	20MR	0	0	0	0	1.6	20MR
1351	IPPSN2020-1351	CST-15	20MR	20S	10MS	0	0	7.2	20S
1352	IPPSN2020-1352	CST-16	TMR	20S	20MS	0	10MS	8.9	20S
1353	IPPSN2020-1353	CST-17	20MR	10S	20S	0	0	7.6	20S
1354	IPPSN2020-1354	CST-18	20MS	10MS	20S	R	10S	10.8	20S
1355	IPPSN2020-1355	CST-19	10MR	20S	TR	0	0	4.8	20S
1356	IPPSN2020-1356	CST-20	TR	0	TR	0	0	0.1	TR
1357	IPPSN2020-1357	CST-21	TR	10S	10MR	0	0	2.8	10S
1358	IPPSN2020-1358	CST-22	20MR	5S	20MS	TMR	0	5.9	20MS
1359	IPPSN2020-1359	CST-23	TMR	20S	20MR	0	0	5.7	20S
1360	IPPSN2020-1360	CST-24	TMR	0	10MR	5MS	0	1.7	5MS
1360A	INFECTOR		80S	80S	100S	80S	100S	88	100S
1361	IPPSN2020-1361	CST-25	20MR	20S	TR	0	0	5.6	20S
1362	IPPSN2020-1362	WSM 138	20MR	0	TR	R	0	1.7	20MR

IPPSN 2020-21**Leaf rust (North)**

IPPSN No.	Entry code	Entry	Delhi	Durgapura	Ludhiana	Faizabad	Mean	HS
1	IPPSN2020-1	BWL7720	10S	0	0	TS	2.8	10S
2	IPPSN2020-2	BWL7721	10S	0	0	TS	2.8	10S
3	IPPSN2020-3	BWL7722	0	0	0	0	0	0
4	IPPSN2020-4	BWL7723	TR	0	0	TS	0.3	TS
5	IPPSN2020-5	BWL7724	0	0	0	0	0	0
6	IPPSN2020-6	BWL7725	TR	0	0	0	0.1	TR
7	IPPSN2020-7	BWL7726	5S	0	5S	5S	3.8	5S
8	IPPSN2020-8	BWL7727	5S	0	10S	10S	6.3	10S
9	IPPSN2020-9	BWL7728	5S	0	20S	10S	8.8	20S
10	IPPSN2020-10	BWL7729	0	TMR	0	20S	5.1	20S
11	IPPSN2020-11	BWL7730	0	0	0	20S	5	20S
12	IPPSN2020-12	BWL7731	0	0	0	TS	0.3	TS
13	IPPSN2020-13	BWL7732	0	5MS	5MS	5S	3.3	5S
14	IPPSN2020-14	BWL7733	0	10S	0	10S	5	10S
15	IPPSN2020-15	BWL7734	0	0	0	TS	0.3	TS
16	IPPSN2020-16	BWL7735	10S	0	0	5S	3.8	10S
17	IPPSN2020-17	BWL7736	0	0	5MS	30S	8.5	30S
18	IPPSN2020-18	BWL7737	0	0	0	10S	2.5	10S
19	IPPSN2020-19	BWL7738	0	0	0	5S	1.3	5S
20	IPPSN2020-20	BWL7739	TR	0	0	0	0.1	TR
20A	INFECTOR		80S	40S	60S	40S	55	80S
21	IPPSN2020-21	BWL7740	0	0	0	TS	0.3	TS
22	IPPSN2020-22	BWL7741	0	0	0	0	0	0
23	IPPSN2020-23	BWL7742	5S	0	0	5S	2.5	5S
24	IPPSN2020-24	BWL7743	0	0	0	5S	1.3	5S
25	IPPSN2020-25	BWL7744	TMS	0	0	10S	2.7	10S
26	IPPSN2020-26	BWL7745	5MS	0	10S	5S	4.8	10S
27	IPPSN2020-27	BWL7746	10S	0	0	TS	2.8	10S
28	IPPSN2020-28	BWL7747	10S	0	0	0	2.5	10S
29	IPPSN2020-29	BWL7748	0	0	5S	20S	6.3	20S
30	IPPSN2020-30	BWL7749	5MR	0	0	TS	0.8	5MR
31	IPPSN2020-31	BWL7750	5MS	0	0	TS	1.3	5MS
32	IPPSN2020-32	BWL7751	10S	0	0	10S	5	10S
33	IPPSN2020-33	BWL7752	0	0	0	5S	1.3	5S
34	IPPSN2020-34	BWL7753	0	0	0	0	0	0
35	IPPSN2020-35	BWL7754	0	0	5S	TS	1.5	5S
36	IPPSN2020-36	BWL7755	TR	0	0	0	0.1	TR
37	IPPSN2020-37	BWL7756	0	0	5S	0	1.3	5S
38	IPPSN2020-38	BWL7757	0	0	0	0	0	0
39	IPPSN2020-39	BWL7758	0	0	0	TS	0.3	TS
40	IPPSN2020-40	BWL 7466	0	0	0	TS	0.3	TS
40A	INFECTOR		80S	40S	60S	40S	55	80S
41	IPPSN2020-41	BWL 8231	0	0	0	5S	1.3	5S
42	IPPSN2020-42	BWL 8846	0	0	0	TS	0.3	TS
43	IPPSN2020-43	BWL 8878	0	TS	10S	10S	5.3	10S
44	IPPSN2020-44	BWL 8946	0	0	0	TS	0.3	TS
45	IPPSN2020-45	BWL 8965	0	TMS	0	5S	1.5	5S
46	IPPSN2020-46	BWL 9042	0	0	0	TS	0.3	TS
47	IPPSN2020-47	BWL 9074	0	TMR	0	5S	1.4	5S
48	IPPSN2020-48	BWL 9107	5MS	5S	5S	0	3.5	5S
49	IPPSN2020-49	BWL 9168	10MS	0	0	0	2	10MS
50	IPPSN2020-50	BWL 9183	0	0	0	0	0	0
51	IPPSN2020-51	BWL 9187	5MR	0	0	0	0.5	5MR

52	IPPSN2020-52	BWL 9228	0	0	0	0	0	0
53	IPPSN2020-53	BWL 9242	5MR	0	0	TS	0.8	5MR
54	IPPSN2020-54	BWL 9244	5MR	5S	10S	10S	6.8	10S
55	IPPSN2020-55	BWL 9264	5S	TMR	0	0	1.4	5S
56	IPPSN2020-56	BWL 9297	0	0	0	0	0	0
57	IPPSN2020-57	BWL 9304	TR	0	0	0	0.1	TR
58	IPPSN2020-58	BWL 9307	0	0	0	0	0	0
59	IPPSN2020-59	BWL 9312	0	0	0	0	0	0
60	IPPSN2020-60	BWL 9330	0	0	0	0	0	0
60A	INFECTOR		80S	40S	80S	40S	60	80S
61	IPPSN2020-61	BWL 9344	5MS	0	0	0	1	5MS
62	IPPSN2020-62	BWL 9421	5MS	10S	20S	10S	11	20S
63	IPPSN2020-63	BWL 9437	0	0	0	0	0	0
64	IPPSN2020-64	BWL 9440	5S	5MS	0	0	2.3	5S
65	IPPSN2020-65	BWL 9449	0	0	0	0	0	0
66	IPPSN2020-66	BWL 9453	10MS	0	0	5S	3.3	10MS
67	IPPSN2020-67	BWL 9455	5MS	TMR	0	10S	3.6	10S
68	IPPSN2020-68	BWL 9461	5MS	10S	0	TS	3.8	10S
69	IPPSN2020-69	BWL 9472	0	5S	0	5S	2.5	5S
70	IPPSN2020-70	BWL 9499	0	0	0	TS	0.3	TS
71	IPPSN2020-71	BWL 9505	0	TMR	0	0	0.1	TMR
72	IPPSN2020-72	BWL 9508	5S	0	0	5S	2.5	5S
73	IPPSN2020-73	BWL 9509	10S	5MR	0	10S	5.5	10S
74	IPPSN2020-74	BWL 9512	5S	0	0	5S	2.5	5S
75	IPPSN2020-75	BWL 9520	10S	0	0	10S	5	10S
76	IPPSN2020-76	BWL 9525	0	5MS	0	20S	6	20S
77	IPPSN2020-77	BWL 9749	0	0	0	10S	2.5	10S
78	IPPSN2020-78	BWL 9752	TR	0	0	5S	1.3	5S
79	IPPSN2020-79	BWL 9755	0	TMR	0	10S	2.6	10S
80	IPPSN2020-80	BWL 9758	0	5MS	0	5S	2.3	5S
80A	INFECTOR		80S	40S	80S	40S	60	80S
81	IPPSN2020-81	BWL 9762	0	5MS	0	10S	3.5	10S
82	IPPSN2020-82	BWL 9799	0	0	0	5S	1.3	5S
83	IPPSN2020-83	BWL 9800	0	TMR	0	0	0.1	TMR
84	IPPSN2020-84	BWL 9805	0	0	0	5S	1.3	5S
85	IPPSN2020-85	BWL 9851	5S	0	0	0	1.3	5S
86	IPPSN2020-86	BWL 9869	0	0	0	5S	1.3	5S
87	IPPSN2020-87	BWL 9889	0	0	0	0	0	0
88	IPPSN2020-88	BWL 9914	0	0	0	20S	5	20S
89	IPPSN2020-89	BWL 9915	0	0	0	0	0	0
90	IPPSN2020-90	BWL 9916	20S	0	10S	5S	8.8	20S
91	IPPSN2020-91	BWL 9921	0	0	0	5S	1.3	5S
92	IPPSN2020-92	BWL 9922	5MR	0	0	TS	0.8	5MR
93	IPPSN2020-93	BWL 9923	0	0	0	0	0	0
94	IPPSN2020-94	BWL 9924	0	0	0	5S	1.3	5S
95	IPPSN2020-95	BWL 9925	0	0	0	TS	0.3	TS
96	IPPSN2020-96	BWL 9926	5MS	0	5S	TS	2.5	5S
97	IPPSN2020-97	BWL 9927	0	0	0	5S	1.3	5S
98	IPPSN2020-98	BWL 9928	0	0	0	TS	0.3	TS
99	IPPSN2020-99	BWL 9929	TR	0	0	20S	5.1	20S
100	IPPSN2020-100	BWL 9930	0	5MR	10S	20S	8	20S
100A	INFECTOR		80S	40S	80S	40S	60	80S
101	IPPSN2020-101	BWL 9931	0	5MR	0	20S	5.5	20S
102	IPPSN2020-102	BWL 9932	0	0	0	5S	1.3	5S
103	IPPSN2020-103	BWL 9933	0	10S	0	50S	15	50S
104	IPPSN2020-104	BWL 9934	0	10S	20S	TS	7.8	20S

105	IPPSN2020-105	BWL 9935	20S	10S	0	TS	7.8	20S
106	IPPSN2020-106	BWL 9936	20S	0	0	5S	6.3	20S
107	IPPSN2020-107	BWL 9937	10MS	0	0	TS	2.3	10MS
108	IPPSN2020-108	BWL 9938	0	5MS	10S	0	3.5	10S
109	IPPSN2020-109	BWL 9939	0	0	0	TS	0.3	TS
110	IPPSN2020-110	BWL 9940	10MS	0	0	TS	2.3	10MS
111	IPPSN2020-111	BWL 9941	0	0	0	10S	2.5	10S
112	IPPSN2020-112	BWL 9942	0	0	20S	5S	6.3	20S
113	IPPSN2020-113	BWL 9945	0	0	0	TS	0.3	TS
114	IPPSN2020-114	BWL 9946	0	0	20S	10S	7.5	20S
115	IPPSN2020-115	BWL 9948	5MR	TS	0	10S	3.3	10S
116	IPPSN2020-116	BWL 9949	0	0	0	5S	1.3	5S
117	IPPSN2020-117	BWL 9951	0	0	0	TS	0.3	TS
118	IPPSN2020-118	BWL 9954	0	TMR	0	20S	5.1	20S
119	IPPSN2020-119	BWL 9958	0	0	0	TS	0.3	TS
120	IPPSN2020-120	BWL 9960	60S	10S	0	10S	20	60S
120A	INFECTOR		80S	40S	40S	40S	50	80S
121	IPPSN2020-121	BWL 9962	0	0	0	5S	1.3	5S
122	IPPSN2020-122	BWL 9965	5MS	0	0	5S	2.3	5S
123	IPPSN2020-123	BWL 9966	0	0	0	5S	1.3	5S
124	IPPSN2020-124	BWL9967	10MS	5MS	0	10S	5.5	10S
125	IPPSN2020-125	BWL9968	0	0	0	30S	7.5	30S
126	IPPSN2020-126	BWL9969	0	0	0	TS	0.3	TS
127	IPPSN2020-127	BWL9970	0	0	0	TS	0.3	TS
128	IPPSN2020-128	BWL9971	10S	0	0	TS	2.8	10S
129	IPPSN2020-129	BWL9972	0	0	0	5S	1.3	5S
130	IPPSN2020-130	BWL9973	20S	0	0	10S	7.5	20S
131	IPPSN2020-131	BWL9974	10S	0	0	5S	3.8	10S
132	IPPSN2020-132	BWL9975	TR	0	0	20S	5.1	20S
133	IPPSN2020-133	BWL9976	5MS	10S	20S	5S	9.8	20S
134	IPPSN2020-134	BWL9977	0	TMR	0	5S	1.4	5S
135	IPPSN2020-135	BWL9978	0	5S	0	10S	3.8	10S
136	IPPSN2020-136	BWL9979	30S	10S	40S	5S	21.3	40S
137	IPPSN2020-137	WG2107	0	TMS	10S	5S	4	10S
138	IPPSN2020-138	WG2112	0	0	0	10S	2.5	10S
139	IPPSN2020-139	WG2113	5MR	TMS	0	5S	2	5S
140	IPPSN2020-140	WG2115	0	0	0	10S	2.5	10S
140A	INFECTOR		80S	40S	80S	40S	60	80S
141	IPPSN2020-141	WG2120	0	0	0	5S	1.3	5S
142	IPPSN2020-142	WG2121	0	0	0	10S	2.5	10S
143	IPPSN2020-143	WG2130	0	0	5S	TS	1.5	5S
144	IPPSN2020-144	WG2133	0	0	0	TS	0.3	TS
145	IPPSN2020-145	WG2152	20S	5MS	10S	20S	13.5	20S
146	IPPSN2020-146	WG2157	0	0	0	5S	1.3	5S
147	IPPSN2020-147	WG2173	5S	5MR	0	10S	4.3	10S
148	IPPSN2020-148	WG2176	60S	0	0	TS	15.3	60S*
149	IPPSN2020-149	WG2194	0	TMR	20S	5S	6.4	20S
150	IPPSN2020-150	WG2195	10MR	0	0	10S	3.5	10S
151	IPPSN2020-151	WG2205	5MR	TMS	10S	TS	3.5	10S
152	IPPSN2020-152	WG2206	0	0	0	TS	0.3	TS
153	IPPSN2020-153	WG2207	30S	40S	0	5S	18.8	40S
154	IPPSN2020-154	WG2220	10MR	10S	0	10S	6	10S
155	IPPSN2020-155	WG2233	0	10S	0	TS	2.8	10S
156	IPPSN2020-156	WG2248	5MR	5S	10S	5S	5.5	10S
157	IPPSN2020-157	WG2251	0	5MS	10S	20S	8.5	20S
158	IPPSN2020-158	WG2296	0	0	0	5S	1.3	5S

159	IPPSN2020-159	WG2297	0	0	0	0	0	0
160	IPPSN2020-160	DWG2339	20S	10MR	0	5S	7.3	20S
160A	INFECTOR		80S	40S	80S	40S	60	80S
161	IPPSN2020-161	DWG2352	0	TMR	0	5S	1.4	5S
162	IPPSN2020-162	DWG2358	0	10MR	0	30S	8.5	30S
163	IPPSN2020-163	DW574	0	5MR	0	30S	8	30S
164	IPPSN2020-164	DW575	10MS	10MR	0	20S	8	20S
165	IPPSN2020-165	DW576	0	10MR	0	10S	3.5	10S
166	IPPSN2020-166	DW577	0	10MR	0	10S	3.5	10S
167	IPPSN2020-167	DW578	20MS	10MR	0	5S	6.3	20MS
168	IPPSN2020-168	DW579	10MR	5MR	0	20S	6.5	20S
169	IPPSN2020-169	DW580	10MR	10MR	0	10S	4.5	10S
170	IPPSN2020-170	DW581	0	5MR	0	5S	1.8	5S
171	IPPSN2020-171	SKW-361	10MR	0	20S	5S	7.3	20S
172	IPPSN2020-172	SKW-362	5MR	0	5S	10S	4.3	10S
173	IPPSN2020-173	SKW-363	5MS	TMR	0	5S	2.4	5S
174	IPPSN2020-174	SKW-364	10MS	5MS	20S	5S	9.3	20S
175	IPPSN2020-175	SKW-365	0	TMR	5S	30S	8.9	30S
176	IPPSN2020-176	NWS2214	0	0	0	10S	2.5	10S
177	IPPSN2020-177	NWS2222	0	0	10S	10S	5	10S
178	IPPSN2020-178	VA 2019-14	0	0	20S	0	5	20S
179	IPPSN2020-179	VA 2019-06	0	0	0	5S	1.3	5S
180	IPPSN2020-180	VA 2019-03	0	0	0	10S	2.5	10S
180A	INFECTOR		80S	40S	80S	40S	60	80S
181	IPPSN2020-181	VA 2019-15	0	0	0	TS	0.3	TS
182	IPPSN2020-182	VA 2019-02	0	5MR	0	5S	1.8	5S
183	IPPSN2020-183	VA 2019-10	0	0	40S	10S	12.5	40S
184	IPPSN2020-184	VA 2019-31	0	0	0	5S	1.3	5S
185	IPPSN2020-185	VA 2019-09	TR	0	0	0	0.1	TR
186	IPPSN2020-186	VA 2019-37	0	0	0	5S	1.3	5S
187	IPPSN2020-187	VA 2019-34	0	0	0	10S	2.5	10S
188	IPPSN2020-188	VA 2019-28	0	0	0	TS	0.3	TS
189	IPPSN2020-189	VA 2019-22	0	0	0	10S	2.5	10S
190	IPPSN2020-190	VA 2019-24	5R	0	0	5S	1.5	5S
191	IPPSN2020-191	VA 2019-21	0	0	0	TS	0.3	TS
192	IPPSN2020-192	VA 2019-17	0	0	0	5S	1.3	5S
193	IPPSN2020-193	VA 2019-20	0	0	0	10S	2.5	10S
194	IPPSN2020-194	VA 2019-23	10MS	0	40S	TS	12.3	40S
195	IPPSN2020-195	VA 2019-16	0	0	10S	20S	7.5	20S
196	IPPSN2020-196	VD 2019-2	0	0	0	30S	7.5	30S
197	IPPSN2020-197	VD 2019-4	5MR	0	0	5S	1.8	5S
198	IPPSN2020-198	VD 2019-5	0	0	0	10S	2.5	10S
199	IPPSN2020-199	VD 2019-3	0	0	0	5S	1.3	5S
200	IPPSN2020-200	VD 2019-8	0	5MR	0	TS	0.8	5MR
200A	INFECTOR		80S	40S	80S	40S	60	80S
201	IPPSN2020-201	VD 2019-1	5MR	0	0	5S	1.8	5S
202	IPPSN2020-202	J 19-35	0	TMR	20S	5S	6.4	20S
203	IPPSN2020-203	J 19-36	0	0	0	10S	2.5	10S
204	IPPSN2020-204	J 19-29	0	0	20S	20S	10	20S
205	IPPSN2020-205	J 19-20	TR	0	20S	5S	6.3	20S
206	IPPSN2020-206	J 19-19	0	0	40S	TS	10.3	40S
207	IPPSN2020-207	J 19-33	0	0	0	TS	0.3	TS
208	IPPSN2020-208	J 19-03	0	TMS	10S	5S	4	10S
209	IPPSN2020-209	JD 19-08	5MR	5MR	0	5S	2.3	5S
210	IPPSN2020-210	GW 1353	0	0	0	5S	1.3	5S
211	IPPSN2020-211	DR-19-28	0	0	5S	10S	3.8	10S

212	IPPSN2020-212	DR-19-38	0	10S	0	20S	7.5	20S
213	IPPSN2020-213	IPPSN-21-01	0	0	10S	10S	5	10S
214	IPPSN2020-214	IPPSN-21-02	0	0	0	5S	1.3	5S
215	IPPSN2020-215	IPPSN-21-03	0	5MR	0	10S	3	10S
216	IPPSN2020-216	IPPSN-21-04	5S	0	0	0	1.3	5S
217	IPPSN2020-217	IPPSN-21-05	0	5MS	0	10S	3.5	10S
218	IPPSN2020-218	IPPSN-21-06	0	0	0	10S	2.5	10S
219	IPPSN2020-219	IPPSN-21-07	0	0	10S	0	2.5	10S
220	IPPSN2020-220	IPPSN-21-08	20S	5MS	0	5S	7.3	20S
220A	INFECTOR		80S	40S	80S	40S	60	80S
221	IPPSN2020-221	IPPSN-21-09	0	TMR	0	10S	2.6	10S
222	IPPSN2020-222	IPPSN-21-10	0	0	40S	5S	11.3	40S
223	IPPSN2020-223	IPPSN-21-11	0	0	0	10S	2.5	10S
224	IPPSN2020-224	IPPSN-21-12	5S	5MS	0	5S	3.5	5S
225	IPPSN2020-225	IPPSN-21-13	0	5MR	0	0	0.5	5MR
226	IPPSN2020-226	IPPSN-21-14	0	10MR	0	TS	1.3	10MR
227	IPPSN2020-227	IPPSN-21-15	20S	10MR	0	5S	7.3	20S
228	IPPSN2020-228	IPPSN-21-16	40S	10MS	0	5S	13.3	40S
229	IPPSN2020-229	IPPSN-21-17	20S	TMR	0	10S	7.6	20S
230	IPPSN2020-230	IPPSN-21-18	0	0	0	TS	0.3	TS
231	IPPSN2020-231	IPPSN-21-19	5S	0	60S	10S	18.8	60S
232	IPPSN2020-232	IPPSN-21-20	40S	0	40S	0	20	40S
233	IPPSN2020-233	IPPSN-21-21	0	TMR	0	0	0.1	TMR
234	IPPSN2020-234	IPPSN-21-22	0	5MS	0	5S	2.3	5S
235	IPPSN2020-235	IPPSN-21-23	5MS	5MR	0	10S	4	10S
236	IPPSN2020-236	IPPSN-21-24	5MS	10MR	0	5S	3.3	5S
237	IPPSN2020-237	IPPSN-21-25	0	TS	40S	10S	12.8	40S
238	IPPSN2020-238	IPPSN-21-26	0	0	20S	5S	6.3	20S
239	IPPSN2020-239	IPPSN-21-27	5MS	10S	60S	0	18.5	60S
240	IPPSN2020-240	IPPSN-21-28	0	10S	10S	10S	7.5	10S
240A	INFECTOR		80S	40S	80S	40S	60	80S
241	IPPSN2020-241	IPPSN-21-29	0	0	0	10S	2.5	10S
242	IPPSN2020-242	IPPSN-21-30	0	TMS	20S	10S	7.7	20S
243	IPPSN2020-243	KA 2001	0	TMS	0	10S	2.7	10S
244	IPPSN2020-244	KA 2002	20S	0	60S	10S	22.5	60S
245	IPPSN2020-245	KA 2003	0	10S	40S	10S	15	40S
246	IPPSN2020-246	KA 2004	0	10MS	20S	5S	8.3	20S
247	IPPSN2020-247	KA 2005	TR	TMR	0	5S	1.4	5S
248	IPPSN2020-248	KA 2006	0	0	5S	5S	2.5	5S
249	IPPSN2020-249	KA 2007	5S	0	40S	20S	16.3	40S
250	IPPSN2020-250	KA 2008	10S	0	0	TS	2.8	10S
251	IPPSN2020-251	KA 2009	0	0	40S	10S	12.5	40S
252	IPPSN2020-252	KA 2010	10S	40S	40S	20S	27.5	40S
253	IPPSN2020-253	KA 2011	0	0	0	5S	1.3	5S
254	IPPSN2020-254	KA 2012	0	0	0	20S	5	20S
255	IPPSN2020-255	KA 2013	20S	0	60S	10S	22.5	60S
256	IPPSN2020-256	KA 2014	0	0	0	5S	1.3	5S
257	IPPSN2020-257	KA 2015	0	0	10S	0	2.5	10S
258	IPPSN2020-258	KA 2016	5MR	TS	20S	5S	7	20S
259	IPPSN2020-259	KA 2017	0	5MS	40S	10S	13.5	40S
260	IPPSN2020-260	KA 2018	0	0	10S	20S	7.5	20S
260A	INFECTOR		80S	40S	80S	40S	60	80S
261	IPPSN2020-261	KA 2019	0	TMS	40S	5S	11.5	40S
262	IPPSN2020-262	KA 2020	0	0	40S	0	10	40S
263	IPPSN2020-263	KA 2021	5S	0	40S	5S	12.5	40S
264	IPPSN2020-264	KA 2022	0	TMS	20S	10S	7.7	20S

265	IPPSN2020-265	KA 2023	10S	5S	20S	10S	11.3	20S
266	IPPSN2020-266	KA 2024	0	0	0	TS	0.3	TS
267	IPPSN2020-267	KA 2025	10S	0	10S	5S	6.3	10S
268	IPPSN2020-268	KA 2026	0	0	0	5S	1.3	5S
269	IPPSN2020-269	KA 2027	5S	0	0	5S	2.5	5S
270	IPPSN2020-270	KA 2028	0	TMR	0	TS	0.4	TS
271	IPPSN2020-271	KA 2029	10S	TS	0	5S	4	10S
272	IPPSN2020-272	KA 2030	0	0	0	5S	1.3	5S
273	IPPSN2020-273	KA 2031	0	5MS	0	TS	1.3	5MS
274	IPPSN2020-274	KA 2032	0	10S	40S	5S	13.8	40S
275	IPPSN2020-275	KA 2033	5MR	TMR	0	10S	3.1	10S
276	IPPSN2020-276	KA 2034	TR	0	0	0	0.1	TR
277	IPPSN2020-277	KA 2035	0	0	20S	0	5	20S
278	IPPSN2020-278	KA 2036	0	TMS	10S	5S	4	10S
279	IPPSN2020-279	KA 2037	5MS	10S	20S	TS	8.8	20S
280	IPPSN2020-280	KA 2038	0	0	10S	TS	2.8	10S
280A	INFECTOR		80S	40S	80S	40S	60	80S
281	IPPSN2020-281	KA 2039	0	TMR	0	TS	0.4	TS
282	IPPSN2020-282	KA 2040	0	0	5S	TS	1.5	5S
283	IPPSN2020-283	KA 2041	0	0	0	10S	2.5	10S
284	IPPSN2020-284	KA 2042	0	0	0	0	0	0
285	IPPSN2020-285	KA 2043	0	0	0	0	0	0
286	IPPSN2020-286	KA 2044	0	0	0	0	0	0
287	IPPSN2020-287	KA 2045	10S	0	40S	TS	12.8	40S
288	IPPSN2020-288	AAI-W43	5MS	TMS	40S	5S	12.5	40S
289	IPPSN2020-289	AAI-W49	10MS	10S	40S	TS	14.8	40S
290	IPPSN2020-290	AAI-W52	0	0	0	TS	0.3	TS
291	IPPSN2020-291	AAI-W47	40S	20S	20S	0	20	40S
292	IPPSN2020-292	AAI-W42 (KSM)	30S	0	0	0	7.5	30S
293	IPPSN2020-293	JKW 290	40S	0	0	0	10	40S
294	IPPSN2020-294	JKW 291	10S	0	0	0	2.5	10S
295	IPPSN2020-295	JKW 292	0	0	20S	5S	6.3	20
296	IPPSN2020-296	JKW 293	5S	0	0	0	1.3	5S
297	IPPSN2020-297	JKW 294	0	0	0	TS	0.3	TS
298	IPPSN2020-298	JKW 295	TR	0	40S	0	10.1	40S
299	IPPSN2020-299	JKW 296	0	TMS	0	TS	0.5	TS
300	IPPSN2020-300	JKW 297	0	0	10S	0	2.5	10S
300A	INFECTOR		80S	40S	80S	50S	62.5	80S
301	IPPSN2020-301	JKW 298	10S	0	0	0	2.5	10S
302	IPPSN2020-302	JKW 299	10S	0	0	0	2.5	10S
303	IPPSN2020-303	JAUW 695	10S	0	20S	5S	8.8	20S
304	IPPSN2020-304	JAUW 696	40S	0	0	5S	11.3	40S
305	IPPSN2020-305	JAUW 697	10S	0	40S	TS	12.8	40S
306	IPPSN2020-306	JAUW 698	10MS	0	40S	5S	13.3	40S
307	IPPSN2020-307	JAUW 699	10MS	0	5S	TS	3.5	10MS
308	IPPSN2020-308	JAUW 700	0	0	10S	10S	5	10S
309	IPPSN2020-309	JAUW 701	10S	0	0	5S	3.8	10S
310	IPPSN2020-310	JAUW 702	0	TS	0	TS	0.5	TS
311	IPPSN2020-311	JAUW 703	0	TMR	0	5S	1.4	5S
312	IPPSN2020-312	JAUW 704	10MS	0	40S	10S	14.5	40S
313	IPPSN2020-313	BRW 3903	5MS	0	40S	5S	12.3	40S
314	IPPSN2020-314	BRW 3904	40S	5MS	40S	10S	23.5	40S
315	IPPSN2020-315	BRW 3905	10MS	10MS	40S	50S	26.5	50S
316	IPPSN2020-316	BRW 3906	20S	10S	60S	50S	35	60S
317	IPPSN2020-317	BRW 3907	20S	40S	60S	10S	32.5	60S
318	IPPSN2020-318	BRW 3908	50S	10S	60S	5S	31.3	60S

319	IPPSN2020-319	BRW 3909	10MS	0	20S	10S	9.5	20S
320	IPPSN2020-320	BRW 3910	0	5MS	0	0	1	5MS
320A	INFECTOR		80S	40S	80S	50S	62.5	80S
321	IPPSN2020-321	BRW 3911	0	TMR	40S	5S	11.4	40S
322	IPPSN2020-322	BRW 3912	5MR	0	0	0	0.5	5MR
323	IPPSN2020-323	BRW 3913	0	0	10S	20S	7.5	20S
324	IPPSN2020-324	BRW 3914	0	0	0	0	0	0
325	IPPSN2020-325	BRW 3915	0	TMR	0	5S	1.4	5S
326	IPPSN2020-326	BRW 3916	40S	10S	0	20S	17.5	40S
327	IPPSN2020-327	BRW 3917	30S	TMR	40S	5S	18.9	40S
328	IPPSN2020-328	BRW 3918	60S	10S	40S	TS	27.8	60S
329	IPPSN2020-329	BRW 3919	0	0	0	TS	0.3	TS
330	IPPSN2020-330	BRW 3920	5MR	10S	0	5S	4.3	10S
331	IPPSN2020-331	BRW 3921	0	0	0	10S	2.5	10S
332	IPPSN2020-332	BRW 3922	10MS	0	0	0	2	10MS
333	IPPSN2020-333	BRW 3923	0	0	0	5S	1.3	5S
334	IPPSN2020-334	BRW 3924	0	0	0	TS	0.3	TS
335	IPPSN2020-335	BRW 3925	60S	0	0	5S	16.3	60S*
336	IPPSN2020-336	BRW 3926	0	0	0	0	0	0
337	IPPSN2020-337	BRW 3927	5MS	0	0	0	1	5MS
338	IPPSN2020-338	LOK 2020- 1	5MS	0	60S	0	16	60S*
339	IPPSN2020-339	LOK 2020- 2	5MS	10S	0	0	3.5	10S
340	IPPSN2020-340	LOK 2020- 3	0	0	0	5S	1.3	5S
340A	INFECTOR		80S	40S	80S	50S	62.5	80S
341	IPPSN2020-341	LOK 2020- 4	0	0	0	5S	1.3	5S
342	IPPSN2020-342	LOK 2020- 5	0	0	0	TS	0.3	TS
343	IPPSN2020-343	VW2001	0	TMR	0	5S	1.4	5S
344	IPPSN2020-344	VW2002	0	0	0	TS	0.3	TS
345	IPPSN2020-345	VW2003	10MS	0	0	5S	3.3	10MS
346	IPPSN2020-346	VW2004	20MS	TMS	0	10S	6.7	20MS
347	IPPSN2020-347	VW2005	10MS	TS	60S	20S	22.3	60S
348	IPPSN2020-348	VW2006	0	5S	0	5S	2.5	5S
349	IPPSN2020-349	VW2007	0	0	0	10S	2.5	10S
350	IPPSN2020-350	VW2008	5MR	0	0	10S	3	10S
351	IPPSN2020-351	VW2009	0	0	0	5S	1.3	5S
352	IPPSN2020-352	VW2011	0	0	0	0	0	0
353	IPPSN2020-353	VW2012	0	0	0	20S	5	20S
354	IPPSN2020-354	VW2014	0	TMR	0	5S	1.4	5S
355	IPPSN2020-355	VW2015	0	0	0	0	0	0
356	IPPSN2020-356	VW2016	0	5S	10S	0	3.8	10S
357	IPPSN2020-357	VW2017	0	0	40S	5S	11.3	40S
358	IPPSN2020-358	VW2018	TR	10MS	0	10S	4.6	10S
359	IPPSN2020-359	VW2020	0	0	0	10S	2.5	10S
360	IPPSN2020-360	VW2021	0	0	0	5S	1.3	5S
360A	INFECTOR		80S	40S	80S	50S	62.5	80S
361	IPPSN2020-361	VW2022	0	0	5S	5S	2.5	5S
362	IPPSN2020-362	VW2023	0	0	5S	5S	2.5	5S
363	IPPSN2020-363	VW2024	0	TMR	5S	10S	3.9	10S
364	IPPSN2020-364	VW2025	0	0	0	TS	0.3	TS
365	IPPSN2020-365	VW2026	0	0	0	5S	1.3	5S
366	IPPSN2020-366	VW2027	0	0	0	10S	2.5	10S
367	IPPSN2020-367	VW2028	0	5MR	0	TS	0.8	5MR
368	IPPSN2020-368	VW2030	0	0	0	20S	5	20S
369	IPPSN2020-369	VW2031	0	0	0	5S	1.3	5S
370	IPPSN2020-370	VW2032	0	TMR	10S	20S	7.6	20S
371	IPPSN2020-371	VW2033	0	0	20S	TS	5.3	20S

372	IPPSN2020-372	VW2034	0	TMR	5S	30S	8.9	30S
373	IPPSN2020-373	VW2035	TR	10S	40S	20S	17.6	40S
374	IPPSN2020-374	VW2036	0	0	20S	10S	7.5	20S
375	IPPSN2020-375	VW2038	5MR	0	0	5S	1.8	5S
376	IPPSN2020-376	VW2040	0	0	10S	TS	2.8	10S
377	IPPSN2020-377	VW2041	0	0	20S	0	5	20S
378	IPPSN2020-378	VW2042	0	0	0	TS	0.3	TS
379	IPPSN2020-379	VW2043	0	0	0	5S	1.3	5S
380	IPPSN2020-380	VW2045	0	0	0	10S	2.5	10S
380A	INFECTOR		80S	40S	80S	50S	62.5	80S
381	IPPSN2020-381	VW2046	0	0	0	TS	0.3	TS
382	IPPSN2020-382	VW2048	5MR	0	0	10S	3	10S
383	IPPSN2020-383	VW2050	0	TMR	0	5S	1.4	5S
384	IPPSN2020-384	VW2051	40S	40S	0	10S	22.5	40S
385	IPPSN2020-385	VW2052	0	10S	0	TS	2.8	10S
386	IPPSN2020-386	VW2053	0	0	0	TS	0.3	TS
387	IPPSN2020-387	VW2039	5MR	0	20S	10S	8	20S
388	IPPSN2020-388	VW2029	0	0	0	5S	1.3	5S
389	IPPSN2020-389	VW2037	5MS	5MS	0	TS	2.3	5MS
390	IPPSN2020-390	VW2010	10MS	0	10S	5S	5.8	10S
391	IPPSN2020-391	VW2047	0	0	5S	10S	3.8	10S
392	IPPSN2020-392	VW2013	20S	5MR	40S	5S	16.8	40S
393	IPPSN2020-393	NIAW 4053	20S	0	0	20S	10	20S
394	IPPSN2020-394	NIAW 4054	0	0	0	0	0	0
395	IPPSN2020-395	NIAW 4052	0	0	0	10S	2.5	10S
396	IPPSN2020-396	NIAW 4113	0	0	0	TS	0.3	TS
397	IPPSN2020-397	NIAW 4130	5MS	0	0	5S	2.3	5S
398	IPPSN2020-398	NIAW 4165	5MS	0	0	10S	3.5	10S
399	IPPSN2020-399	NIAW 4118	5MS	0	0	0	1	5MS
400	IPPSN2020-400	NIAW 4190	0	0	0	10S	2.5	10S
400A	INFECTOR		80S	40S	80S	50S	62.5	80S
401	IPPSN2020-401	NIAW 4172	0	0	0	TS	0.3	TS
402	IPPSN2020-402	NIAW 4178	0	0	0	TS	0.3	TS
403	IPPSN2020-403	NIAW 4197	0	0	0	0	0	0
404	IPPSN2020-404	NIAW 4179	TS	0	0	0	0.3	TS
405	IPPSN2020-405	NIAW 4120	0	0	0	0	0	0
406	IPPSN2020-406	NIAW 4114	0	0	0	0	0	0
407	IPPSN2020-407	NIAW 4153	5MS	0	0	0	1	5MS
408	IPPSN2020-408	NIAW 4040	0	0	5S	5S	2.5	5S
409	IPPSN2020-409	NIAW 4174	0	0	0	10S	2.5	10S
410	IPPSN2020-410	NIAW 4183	5MS	0	0	TS	1.3	5MS
411	IPPSN2020-411	NIAW 4134	5MS	0	0	TS	1.3	5MS
412	IPPSN2020-412	NIAW 4154	TMS	0	0	TS	0.5	TS
413	IPPSN2020-413	NIDW 1467	5MS	5MR	0	0	1.5	5MS
414	IPPSN2020-414	NIDW 1485	5MS	0	0	0	1	5MS
415	IPPSN2020-415	NIDW 1476	10MS	TMR	0	0	2.1	10MS
416	IPPSN2020-416	NIDW 1491	30S	0	0	0	7.5	30S
417	IPPSN2020-417	NIDW 1455	10S	TMS	0	0	2.7	10S
418	IPPSN2020-418	PW 2001	0	0	20S	0	5	20S
419	IPPSN2020-419	PW 2002	5MR	0	20S	0	5.5	20S
420	IPPSN2020-420	PW 2003	0	0	0	5S	1.3	5S
420A	INFECTOR		80S	40S	80S	50S	62.5	80S
421	IPPSN2020-421	PW 2004	0	0	0	0	0	0
422	IPPSN2020-422	PW 2005	0	0	0	5S	1.3	5S
423	IPPSN2020-423	PW 2006	0	0	0	0	0	0
424	IPPSN2020-424	PW 2007	0	0	0	TS	0.3	TS

425	IPPSN2020-425	PW 2008	0	0	40S	TS	10.3	40S
426	IPPSN2020-426	PW 2009	TR	0	40S	5S	11.3	40S
427	IPPSN2020-427	PW 2010	0	0	0	0	0	0
428	IPPSN2020-428	PW 2011	0	0	0	TS	0.3	TS
429	IPPSN2020-429	PW 2012	0	0	0	10S	2.5	10S
430	IPPSN2020-430	PW 2013	0	0	0	5S	1.3	5S
431	IPPSN2020-431	PW 2014	0	TMR	40S	20S	15.1	40S
432	IPPSN2020-432	PW 2015	0	0	10S	0	2.5	10S
433	IPPSN2020-433	PW 2016	5MR	10MS	40S	30S	20	40S
434	IPPSN2020-434	PW 2017	0	TMR	0	5S	1.4	5S
435	IPPSN2020-435	PW 2018	0	0	40S	0	10	40S
436	IPPSN2020-436	PW 2019	0	TMR	20S	TS	5.4	20S
437	IPPSN2020-437	DW 271	0	TMR	40S	40S	20.1	40S
438	IPPSN2020-438	DW 272	0	0	0	5S	1.3	5S
439	IPPSN2020-439	DW 273	0	0	0	10S	2.5	10S
440	IPPSN2020-440	DW 276	5MR	0	0	10S	3	10S
440A	INFECTOR		80S	40S	80S	50S	62.5	80S
441	IPPSN2020-441	DW 277	5MR	0	10S	10S	5.5	10S
442	IPPSN2020-442	DW 278	0	0	0	5S	1.3	5S
443	IPPSN2020-443	BW 282	0	10MS	0	20S	7	20S
444	IPPSN2020-444	BW 283	0	20S	0	20S	10	20S
445	IPPSN2020-445	BW 287	0	10S	20S	0	7.5	20S
446	IPPSN2020-446	BW 288	0	TMS	0	0	0.2	TMS
447	IPPSN2020-447	BW 289	0	5MR	10S	0	3	10S
448	IPPSN2020-448	CG2001	0	5S	40S	5S	12.5	40S
449	IPPSN2020-449	CG2002	0	TMS	40S	10S	12.7	40S
450	IPPSN2020-450	CG2003	5S	0	40S	10S	13.8	40S
451	IPPSN2020-451	CG2004	0	0	40S	5S	11.3	40S
452	IPPSN2020-452	CG2005	0	5MS	20S	TS	6.3	20S
453	IPPSN2020-453	CG2006	0	0	40S	0	10	40S
454	IPPSN2020-454	CG2007	0	0	10S	0	2.5	10S
455	IPPSN2020-455	CG2008	0	0	0	TS	0.3	TS
456	IPPSN2020-456	CG2009	0	0	0	5S	1.3	5S
457	IPPSN2020-457	CG2010	0	0	10S	TS	2.8	10S
458	IPPSN2020-458	CG2011	0	10S	0	0	2.5	10S
459	IPPSN2020-459	CG2012	0	0	40S	TS	10.3	40S
460	IPPSN2020-460	CG2013	0	0	0	40S	10	40S
460A	INFECTOR		80S	40S	80S	50S	62.5	80S
461	IPPSN2020-461	CG2014	0	0	0	10S	2.5	10S
462	IPPSN2020-462	CG2015	0	0	0	5S	1.3	5S
463	IPPSN2020-463	UASD-2001	0	0	0	0	0	0
464	IPPSN2020-464	UASD-2002	0	0	0	5S	1.3	5S
465	IPPSN2020-465	UASD-2003	5S	0	0	10S	3.8	10S
466	IPPSN2020-466	UASD-2004	0	0	0	TS	0.3	TS
467	IPPSN2020-467	UASD-2005	0	0	0	5S	1.3	5S
468	IPPSN2020-468	UASD-2006	0	0	20S	5S	6.3	20S
469	IPPSN2020-469	UASD-2007	5MR	0	0	10S	3	10S
470	IPPSN2020-470	UASD-2008	0	5MS	0	TS	1.3	5MS
471	IPPSN2020-471	UASD-2009	0	0	0	10S	2.5	10S
472	IPPSN2020-472	UASD-2010	5MR	0	0	5S	1.8	5S
473	IPPSN2020-473	UASD-2011	5MS	5MS	0	10S	4.5	10S
474	IPPSN2020-474	UASD-2012	5MR	0	0	10S	3	10S
475	IPPSN2020-475	UASD-2013	5MS	5MR	0	20S	6.5	20S
476	IPPSN2020-476	UASD-2014	10S	10MR	0	20S	8.5	20S
477	IPPSN2020-477	UASD-2015	5S	TMR	0	5S	2.6	5S
478	IPPSN2020-478	UASD-2016	TR	0	0	5S	1.3	5S

479	IPPSN2020-479	UASD-2017	10MS	5MR	0	5S	3.8	10MS
480	IPPSN2020-480	UASD-2018	10MS	10MR	0	10S	5.5	10S
480A	INFECTOR		80S	40S	80S	50S	62.5	80S
481	IPPSN2020-481	UASD-2019	5MR	0	0	5S	1.8	5S
482	IPPSN2020-482	UASD-2020	5MR	0	0	TS	0.8	5MR
483	IPPSN2020-483	UASD-2021	5MS	TMS	0	0	1.2	5MS
484	IPPSN2020-484	UASD-2022	TR	0	0	10S	2.6	10S
485	IPPSN2020-485	UASD-2023	10S	0	0	5S	3.8	10S
486	IPPSN2020-486	UASD-2024	5S	5S	5S	0	3.8	5S
487	IPPSN2020-487	UASD-2025	0	0	5S	5S	2.5	5S
488	IPPSN2020-488	UASD-2026	10S	0	0	0	2.5	10S
489	IPPSN2020-489	UASD-2027	0	0	0	10S	2.5	10S
490	IPPSN2020-490	UASD-2028	20S	TMR	0	20S	10.1	20S
491	IPPSN2020-491	UASD-2029	0	0	0	5S	1.3	5S
492	IPPSN2020-492	UASD-2030	0	0	0	10S	2.5	10S
493	IPPSN2020-493	UASD-2031	0	0	0	20S	5	20S
494	IPPSN2020-494	UASD-2032	NS	NS	NS	NS	NS	NS
495	IPPSN2020-495	UASD-2033	5MR	0	0	5S	1.8	5S
496	IPPSN2020-496	UASD-2034	0	0	0	0	0	0
497	IPPSN2020-497	UASD-2035	TR	0	0	5S	1.3	5S
498	IPPSN2020-498	PBN 4881	0	0	60S	10S	17.5	60S
499	IPPSN2020-499	PBN 4357	0	TS	60S	10S	17.8	60S
500	IPPSN2020-500	PBN 4905	0	TMS	40S	5S	11.5	40S
500A	INFECTOR		80S	40S	80S	50S	62.5	80S
501	IPPSN2020-501	PBN 4888	0	40S	60S	10S	27.5	60S
502	IPPSN2020-502	PBN 4876-2	0	5MS	40S	10S	13.5	40S
503	IPPSN2020-503	MP 3553	10S	0	60S	10S	20	60S
504	IPPSN2020-504	MP 3554	0	TMR	10S	20S	7.6	20S
505	IPPSN2020-505	MP 3555	0	0	40S	10S	12.5	40S
506	IPPSN2020-506	MP 3556	0	0	5S	10S	3.8	10S
507	IPPSN2020-507	MP 3557	0	0	0	5S	1.3	5S
508	IPPSN2020-508	MP 3558	5MR	0	0	TS	0.8	5MR
509	IPPSN2020-509	MP 3559	0	0	0	TS	0.3	TS
510	IPPSN2020-510	MP 3560	0	0	0	10S	2.5	10S
511	IPPSN2020-511	MP 3561	0	0	0	0	0	0
512	IPPSN2020-512	MP 3562	5MR	0	20S	5S	6.8	20S
513	IPPSN2020-513	MP 3563	0	5MR	20S	10S	8	20S
514	IPPSN2020-514	MP 3564	0	0	0	5S	1.3	5S
515	IPPSN2020-515	MP 3565	5S	0	10S	0	3.8	10S
516	IPPSN2020-516	MP 3566	0	5MS	20S	0	6	20S
517	IPPSN2020-517	MP 3567	0	0	5S	5S	2.5	5S
518	IPPSN2020-518	NW-8028	TR	TMR	5S	5S	2.7	5S
519	IPPSN2020-519	NW-8029	0	0	0	0	0	0
520	IPPSN2020-520	NW-8030	0	0	60S	0	15	60S
520A	INFECTOR		80S	40S	80S	50S	62.5	80S
521	IPPSN2020-521	NW-8031	0	0	0	20S	5	20S
522	IPPSN2020-522	NW-8032	0	TMR	10S	10S	5.1	10S
523	IPPSN2020-523	NW-8033	0	TMS	0	5S	1.5	5S
524	IPPSN2020-524	NW-8034	0	0	0	TS	0.3	TS
525	IPPSN2020-525	NW-8035	0	TMR	0	5S	1.4	5S
526	IPPSN2020-526	NW-8036	0	0	0	10S	2.5	10S
527	IPPSN2020-527	NW-8037	0	0	0	0	0	0
528	IPPSN2020-528	NW-8038	0	5MS	20S	TS	6.3	20S
529	IPPSN2020-529	NW-8039	10S	0	0	TS	2.8	10S
530	IPPSN2020-530	NW-8040	10S	0	0	TS	2.8	10S
531	IPPSN2020-531	NW-8041	60S	5S	60S	10S	33.8	60S

532	IPPSN2020-532	NW-8042	TMS	10S	40S	TS	13	40S
533	IPPSN2020-533	NW-8043	0	0	0	0	0	0
534	IPPSN2020-534	NW-8044	0	0	0	10S	2.5	10S
535	IPPSN2020-535	NW-8045	0	0	5S	10S	3.8	10S
536	IPPSN2020-536	NW-8046	TR	5S	0	5S	2.6	5S
537	IPPSN2020-537	NW-8047	0	0	0	TS	0.3	TS
538	IPPSN2020-538	NW-8048	0	0	0	0	0	0
539	IPPSN2020-539	NW-8049	0	TMS	0	0	0.2	TMS
540	IPPSN2020-540	NW-8050	0	0	40S	0	10	40S
540A	INFECTOR		80S	40S	80S	50S	62.5	80S
541	IPPSN2020-541	NW-8051	10S	5MS	40S	5S	14.8	40S
542	IPPSN2020-542	NW-8052	10S	0	60S	TS	17.8	60S
543	IPPSN2020-543	KRL 2002	5MR	0	10S	10S	5.5	10S
544	IPPSN2020-544	KRL 2003	0	0	0	10S	2.5	10S
545	IPPSN2020-545	KRL 2004	5S	0	0	5S	2.5	5S
546	IPPSN2020-546	KRL 2005	0	0	0	TS	0.3	TS
547	IPPSN2020-547	KRL 2007	5MS	TMS	0	10S	3.7	10S
548	IPPSN2020-548	KRL 2008	5S	TMR	0	20S	6.4	20S
549	IPPSN2020-549	KRL 2009	0	0	0	20S	5	20S
550	IPPSN2020-550	KRL 2010	5MS	0	0	10S	3.5	10S
551	IPPSN2020-551	KRL 2011	0	0	0	5S	1.3	5S
552	IPPSN2020-552	KRL 2014	5MR	0	0	10S	3	10S
553	IPPSN2020-553	KRL 2015	0	0	0	0	0	0
554	IPPSN2020-554	KRL 2016	5MR	TMR	0	5S	1.9	5S
555	IPPSN2020-555	KRL 2019	0	5MR	40S	TS	10.8	40S
556	IPPSN2020-556	KRL 2020	0	0	0	0	0	0
557	IPPSN2020-557	KRL 2023	5MS	0	0	10S	3.5	10S
558	IPPSN2020-558	KRL 2024	0	0	0	5S	1.3	5S
559	IPPSN2020-559	KRL 2026	0	10S	0	10S	5	10S
560	IPPSN2020-560	KRL 2027	TR	10S	0	10S	5.1	10S
560A	INFECTOR		80S	40S	80S	50S	62.5	80S
561	IPPSN2020-561	KRL 2030	0	0	5S	10S	3.8	10S
562	IPPSN2020-562	KRL 2033	0	TMR	0	5S	1.4	5S
563	IPPSN2020-563	KRL 2034	0	0	20S	TS	5.3	20S
564	IPPSN2020-564	KRL 2035	0	0	0	5S	1.3	5S
565	IPPSN2020-565	KRL 2036	20S	20S	20S	10S	17.5	20S
566	IPPSN2020-566	KRL 2037	10S	0	0	20S	7.5	20S
567	IPPSN2020-567	KRL 2038	0	0	0	10S	2.5	10S
568	IPPSN2020-568	11th HPYT 402	0	0	20S	5S	6.3	20S
569	IPPSN2020-569	11th HPYT 403	0	0	0	TS	0.3	TS
570	IPPSN2020-570	11th HPYT 404	10S	5MS	60S	10S	21	60S
571	IPPSN2020-571	11th HPYT 405	0	0	0	0	0	0
572	IPPSN2020-572	11th HPYT 406	0	5MR	10S	10S	5.5	10S
573	IPPSN2020-573	11th HPYT 407	5MR	0	0	5S	1.8	5S
574	IPPSN2020-574	11th HPYT 408	0	0	0	20S	5	20S
575	IPPSN2020-575	11th HPYT 409	10S	0	20S	30S	15	30S
576	IPPSN2020-576	11th HPYT 410	0	0	0	10S	2.5	10S
577	IPPSN2020-577	11th HPYT 411	0	0	40S	0	10	40S
578	IPPSN2020-578	11th HPYT 412	TR	0	40S	5S	11.3	40S
579	IPPSN2020-579	11th HPYT 413	0	0	0	10S	2.5	10S
580	IPPSN2020-580	11th HPYT 414	0	0	10S	0	2.5	10S
580A	INFECTOR		80S	40S	40S	50S	52.5	80S
581	IPPSN2020-581	11th HPYT 415	0	0	0	0	0	0
582	IPPSN2020-582	11th HPYT 416	5S	0	0	5S	2.5	5S
583	IPPSN2020-583	11th HPYT 417	0	0	0	0	0	0
584	IPPSN2020-584	11th HPYT 418	0	0	0	0	0	0

585	IPPSN2020-585	11th HPYT 419	5MS	0	0	0	1	5MS
586	IPPSN2020-586	11th HPYT 420	5MS	10S	40S	5S	14.8	40S
587	IPPSN2020-587	11th HPYT 421	0	0	0	10S	2.5	10S
588	IPPSN2020-588	11th HPYT 422	0	10S	20S	10S	10	20S
589	IPPSN2020-589	11th HPYT 423	5MR	0	0	TS	0.8	5MR
590	IPPSN2020-590	11th HPYT 424	0	0	0	TS	0.3	TS
591	IPPSN2020-591	11th HPYT 425	0	0	0	5S	1.3	5S
592	IPPSN2020-592	11th HPYT 426	20S	0	0	10S	7.5	20S
593	IPPSN2020-593	11th HPYT 427	0	0	40S	5S	11.3	40S
594	IPPSN2020-594	11th HPYT 428	0	0	10S	10S	5	10S
595	IPPSN2020-595	11th HPYT 429	0	0	10S	TS	2.8	10S
596	IPPSN2020-596	11th HPYT 430	TR	0	0	10S	2.6	10S
597	IPPSN2020-597	11th HPYT 431	0	0	10S	5S	3.8	10S
598	IPPSN2020-598	11th HPYT 432	0	0	40S	10S	12.5	40S
599	IPPSN2020-599	11th HPYT 433	5MS	0	5S	10S	4.8	10S
600	IPPSN2020-600	11th HPYT 434	0	0	0	TS	0.3	TS
600A	INFECTOR		80S	40S	80S	50S	62.5	80S
601	IPPSN2020-601	11th HPYT 435	0	0	0	0	0	0
602	IPPSN2020-602	11th HPYT 436	0	TMS	0	TS	0.5	TS
603	IPPSN2020-603	11th HPYT 437	0	TS	0	0	0.3	TS
604	IPPSN2020-604	11th HPYT 438	0	0	0	0	0	0
605	IPPSN2020-605	11th HPYT 439	0	0	20S	10S	7.5	20S
606	IPPSN2020-606	11th HPYT 440	0	TMR	10S	5S	3.9	10S
607	IPPSN2020-607	11th HPYT 441	0	0	10S	10S	5	10S
608	IPPSN2020-608	11th HPYT 442	0	0	10S	TS	2.8	10S
609	IPPSN2020-609	11th HPYT 443	0	0	10S	10S	5	10S
610	IPPSN2020-610	11th HPYT 444	5S	5MR	0	10S	4.3	10S
611	IPPSN2020-611	11th HPYT 445	0	0	TS	5S	1.5	5S
612	IPPSN2020-612	11th HPYT 446	0	0	0	TS	0.3	TS
613	IPPSN2020-613	11th HPYT 447	0	5S	10S	20S	8.8	20S
614	IPPSN2020-614	11th HPYT 448	0	0	0	30S	7.5	30S
615	IPPSN2020-615	11th HPYT 449	0	0	0	10S	2.5	10S
616	IPPSN2020-616	11th HPYT 450	10MR	0	40S	5S	12.3	40S
617	IPPSN2020-617	MACS 6797	10S	0	0	0	2.5	10S
618	IPPSN2020-618	MACS 6798	5MS	0	0	0	1	5MS
619	IPPSN2020-619	MACS 6799	0	0	0	10S	2.5	10S
620	IPPSN2020-620	MACS 6800	40S	0	40S	TS	20.3	40S
620A	INFECTOR		80S	40S	80S	50S	62.5	80S
621	IPPSN2020-621	MACS 6801	0	0	0	0	0	0
622	IPPSN2020-622	MACS 6802	0	0	0	5S	1.3	5S
623	IPPSN2020-623	MACS 6803	0	0	0	5S	1.3	5S
624	IPPSN2020-624	MACS 6804	10S	0	0	0	2.5	10S
625	IPPSN2020-625	MACS 6805	0	0	0	10S	2.5	10S
626	IPPSN2020-626	MACS 6806	5S	0	0	20S	6.3	20S
627	IPPSN2020-627	MACS 6807	5S	0	0	10S	3.8	10S
628	IPPSN2020-628	MACS 6808	0	0	0	10S	2.5	10S
629	IPPSN2020-629	MACS 6809	0	0	0	0	0	0
630	IPPSN2020-630	MACS 6810	10S	0	0	0	2.5	10S
631	IPPSN2020-631	MACS 6811	5S	0	0	0	1.3	5S
632	IPPSN2020-632	MACS 6812	0	5S	0	10S	3.8	10S
633	IPPSN2020-633	MACS 6813	10S	0	0	10S	5	10S
634	IPPSN2020-634	MACS 6814	20S	0	0	TS	5.3	20S
635	IPPSN2020-635	MACS 6815	0	0	0	5 S	0	5S
636	IPPSN2020-636	MACS 6816	0	0	0	TS	0.3	TS
637	IPPSN2020-637	MACS 6817	5MS	5S	0	TS	2.5	5S
638	IPPSN2020-638	MACS 6818	0	0	0	5S	1.3	5S

639	IPPSN2020-639	MACS 6819	0	0	0	10S	2.5	10S
640	IPPSN2020-640	MACS 6820	0	0	0	5S	1.3	5S
640A	INFECTOR		80S	40S	80S	40S	60	80S
641	IPPSN2020-641	MACS 4117	10MS	5S	0	0	3.3	10MS
642	IPPSN2020-642	MACS 4118	0	5MR	0	0	0.5	5MR
643	IPPSN2020-643	MACS 4119	5MS	TMR	0	5S	2.4	5S
644	IPPSN2020-644	MACS 4120	5MS	10MR	0	0	2	5MS
645	IPPSN2020-645	MACS 4121	5MS	10MR	0	0	2	5MS
646	IPPSN2020-646	MACS 4122	5MS	0	0	0	1	5MS
647	IPPSN2020-647	MACS 4123	5MS	5MR	0	5S	2.8	5S
648	IPPSN2020-648	MACS 4124	0	5MR	0	5S	1.8	5S
649	IPPSN2020-649	MACS 5059	0	0	0	TS	0.3	TS
650	IPPSN2020-650	MACS 5060	TR	0	0	TS	0.3	TS
651	IPPSN2020-651	MACS 5061	0	0	0	5S	1.3	5S
652	IPPSN2020-652	AKAW 4662	10S	TMS	20S	10S	10.2	20S
653	IPPSN2020-653	AKAW 4682	10S	10S	10S	0	7.5	10S
654	IPPSN2020-654	AKAW 4684	0	0	0	0	0	0
655	IPPSN2020-655	AKDW 4773	0	0	0	0	0	0
656	IPPSN2020-656	AKAW 5080	5S	0	0	TS	1.5	5S
657	IPPSN2020-657	AKAW 5100	0	0	0	5S	1.3	5S
658	IPPSN2020-658	AKAW 5104	0	0	0	10S	2.5	10S
659	IPPSN2020-659	AKAW 5314	10MS	0	10S	0	4.5	10S
660	IPPSN2020-660	AKAW 5317	0	0	20S	5S	6.3	20S
660A	INFECTOR		80S	40S	80S	50S	62.5	80S
661	IPPSN2020-661	AKAW 5353	10MS	0	60S	20S	22	60S
662	IPPSN2020-662	AKAW 5354	60S	10S	60S	10S	35	60S
663	IPPSN2020-663	AKAW 5438	50S	0	0	0	12.5	50S*
664	IPPSN2020-664	AKAW 5441	5MR	0	0	0	0.5	5MR
665	IPPSN2020-665	AKAW 5444	40S	0	40S	TS	20.3	40S
666	IPPSN2020-666	AKAW 5445	5MS	0	40S	0	11	40S
667	IPPSN2020-667	RVW 4350	0	0	0	0	0	0
668	IPPSN2020-668	RVW 4351	0	0	0	0	0	0
669	IPPSN2020-669	RVW 4352	5MR	5MR	0	0	1	5MR
670	IPPSN2020-670	RVW 4353	0	5MR	0	0	0.5	5MR
671	IPPSN2020-671	RVW 4354	0	10S	40S	10S	15	40S
672	IPPSN2020-672	RVW 4355	10MR	10S	40S	20S	18.5	40S
673	IPPSN2020-673	RVW 4356	30S	40S	60S	10S	35	60S
674	IPPSN2020-674	RVW 4357	10MS	10S	40S	5S	15.8	40S
675	IPPSN2020-675	RVW 4358	0	0	40S	0	10	40S
676	IPPSN2020-676	RVW 4359	0	5MS	0	0	1	5MS
677	IPPSN2020-677	1	0	0	0	5S	1.3	5S
678	IPPSN2020-678	2	0	0	0	5S	1.3	5S
679	IPPSN2020-679	3	0	0	0	50S	12.5	50S
680	IPPSN2020-680	4	0	0	0	0	0	0
680A	INFECTOR		80S	40S	80S	50S	62.5	80S
681	IPPSN2020-681	5	0	0	0	20S	5	20S
682	IPPSN2020-682	6	0	0	0	10S	2.5	10S
683	IPPSN2020-683	7	0	0	0	5S	1.3	5S
684	IPPSN2020-684	8	0	0	0	0	0	0
685	IPPSN2020-685	9	TR	0	0	TS	0.3	TS
686	IPPSN2020-686	10	0	TMS	40S	10S	12.7	40S
687	IPPSN2020-687	11	0	0	0	10S	2.5	10S
688	IPPSN2020-688	12	0	0	0	0	0	0
689	IPPSN2020-689	13	0	5MS	20S	5S	7.3	20S
690	IPPSN2020-690	14	0	TMR	40S	5S	11.4	40S
691	IPPSN2020-691	15	TR	0	40S	10S	12.6	40S

692	IPPSN2020-692	16	0	5MS	40S	5S	12.3	40S
693	IPPSN2020-693	17	0	5S	0	0	1.3	5S
694	IPPSN2020-694	18	0	5S	0	0	1.3	5S
695	IPPSN2020-695	19	0	0	0	TS	0.3	TS
696	IPPSN2020-696	20	0	5MR	40S	0	10.5	40S
697	IPPSN2020-697	21	0	0	0	10S	2.5	10S
698	IPPSN2020-698	22	0	0	0	TS	0.3	TS
699	IPPSN2020-699	23	0	5MR	0	5S	1.8	5S
700	IPPSN2020-700	24	0	TMR	0	TS	0.4	TS
700A	INFECTOR		80S	40S	80S	50S	62.5	80S
701	IPPSN2020-701	25	0	0	0	50S	12.5	50S*
702	IPPSN2020-702	26	0	0	0	50S	12.5	50S*
703	IPPSN2020-703	27	NG	0	0	10S	3.3	10S
704	IPPSN2020-704	28	0	NG	10S	TS	3.7	10S
705	IPPSN2020-705	29	0	0	TS	0	0.3	TS
706	IPPSN2020-706	30	0	0	0	0	0	0
707	IPPSN2020-707	31	5S	5MR	20S	5S	8	20S
708	IPPSN2020-708	32	0	NG	20S	NG	10	20S
709	IPPSN2020-709	33	0	TMR	0	0	0.1	TMR
710	IPPSN2020-710	34	0	TMR	10S	5S	3.9	10S
711	IPPSN2020-711	35	0	0	20S	5S	6.3	20S
712	IPPSN2020-712	36	0	NG	0	0	0	0
713	IPPSN2020-713	37	0	NG	0	0	0	0
714	IPPSN2020-714	38	0	NG	0	0	0	0
715	IPPSN2020-715	39	0	0	0	5S	1.3	5S
716	IPPSN2020-716	40	0	TMR	40S	10S	12.6	40S
717	IPPSN2020-717	41	0	0	0	5S	1.3	5S
718	IPPSN2020-718	42	0	0	0	0	0	0
719	IPPSN2020-719	43	0	0	0	NG	0	0
720	IPPSN2020-720	44	0	0	0	5S	1.3	5S
720A	INFECTOR		80S	40S	60S	50S	57.5	80S
721	IPPSN2020-721	45	0	NG	0	10S	3.3	10S
722	IPPSN2020-722	46	0	0	0	0	0	0
723	IPPSN2020-723	47	5S	0	0	5S	2.5	5S
724	IPPSN2020-724	48	0	5S	0	TS	1.5	5S
725	IPPSN2020-725	49	10S	TMS	0	5S	4	10S
726	IPPSN2020-726	50	0	0	0	10S	2.5	10S
727	IPPSN2020-727	51	5MR	5S	0	5S	3	5S
728	IPPSN2020-728	52	5MR	TMR	40S	5S	11.9	40S
729	IPPSN2020-729	53	5MR	0	0	TS	0.8	5MR
730	IPPSN2020-730	54	0	0	0	10S	2.5	10S
731	IPPSN2020-731	55	0	0	0	TS	0.3	TS
732	IPPSN2020-732	56	0	5S	0	10S	3.8	10S
733	IPPSN2020-733	57	0	0	0	5S	1.3	5S
734	IPPSN2020-734	58	0	0	0	5S	1.3	5S
735	IPPSN2020-735	59	0	20S	0	TS	5.3	20S
736	IPPSN2020-736	60	TR	0	0	0	0.1	TR
737	IPPSN2020-737	SVPWL01	0	0	0	10S	2.5	10S
738	IPPSN2020-738	SVPWL02	0	0	0	5S	1.3	5S
739	IPPSN2020-739	SVPWL03	0	0	0	10S	2.5	10S
740	IPPSN2020-740	SVPWL04	0	TMS	20S	20S	10.2	20S
740A	INFECTOR		80S	40S	80S	50S	62.5	80S
741	IPPSN2020-741	SVPWL05	0	0	0	0	0	0
742	IPPSN2020-742	SVPWL06	0	0	5S	TS	1.5	5S
743	IPPSN2020-743	SVPWL07	5MS	0	0	5S	2.3	5S
744	IPPSN2020-744	SVPWL08	10S	0	40S	TS	12.8	40S

745	IPPSN2020-745	SVPWL09	20S	TMR	0	5S	6.4	20S
746	IPPSN2020-746	SVPWL10	0	0	5S	0	1.3	5S
747	IPPSN2020-747	SVPWL11	0	0	5S	0	1.3	5S
748	IPPSN2020-748	SVPWL12	10S	0	TS	0	2.8	10S
749	IPPSN2020-749	SVPWL13	0	0	0	TS	0.3	TS
750	IPPSN2020-750	SVPWL14	0	TMR	10S	TS	2.9	10S
751	IPPSN2020-751	SVPWL15	0	0	5S	10S	3.8	10S
752	IPPSN2020-752	IARI 20-1	10S	0	0	10S	5	10S
753	IPPSN2020-753	IARI 20-2	40S	10S	40S	40S	32.5	40S
754	IPPSN2020-754	IARI 20-3	0	5S	40S	50S	23.8	50S
755	IPPSN2020-755	IARI 20-4	0	20S	0	5S	6.3	20S
756	IPPSN2020-756	IARI 20-5	0	0	0	10S	2.5	10S
757	IPPSN2020-757	IARI 20-6	0	TMS	40S	5S	11.5	40S
758	IPPSN2020-758	IARI 20-7	5MR	0	20S	10S	8	20S
759	IPPSN2020-759	IARI 20-8	0	0	10S	TS	2.8	10S
760	IPPSN2020-760	IARI 20-9	5S	0	0	0	1.3	5S
760A	INFECTOR		80S	40S	80S	50S	62.5	80S
761	IPPSN2020-761	IARI 20-10	0	0	0	0	0	0
762	IPPSN2020-762	IARI 20-11	5MR	0	10S	20S	8	20S
763	IPPSN2020-763	IARI 20-12	10MR	10MR	10S	TS	4.8	10S
764	IPPSN2020-764	IARI 20-13	0	0	0	0	0	0
765	IPPSN2020-765	IARI 20-14	0	0	TS	0	0.3	TS
766	IPPSN2020-766	IARI 20-15	5MS	20S	60S	0	21	60S
767	IPPSN2020-767	IARI 20-16	10MR	TMS	0	0	1.2	10MR
768	IPPSN2020-768	IARI 20-17	0	20S	0	0	5	20S
769	IPPSN2020-769	IARI 20-18	0	0	0	TS	0.3	TS
770	IPPSN2020-770	IARI 20-19	0	10MR	0	5S	2.3	5S
771	IPPSN2020-771	IARI 20-20	0	10S	0	10S	5	10S
772	IPPSN2020-772	IARI 20-21	20S	0	0	40S	15	40S
773	IPPSN2020-773	IARI 20-22	TMS	0	40S	5S	11.5	40S
774	IPPSN2020-774	IARI 20-23	0	5MR	0	TS	0.8	5MR
775	IPPSN2020-775	IARI 20-24	0	0	0	TS	0.3	TS
776	IPPSN2020-776	IARI 20-25	5MS	5MR	5S	TS	3	5S
777	IPPSN2020-777	IARI 20-26	0	0	10S	20S	7.5	20S
778	IPPSN2020-778	IARI 20-27	0	5MR	10S	0	3	10S
779	IPPSN2020-779	IARI 20-28	0	TMR	0	5S	1.4	5S
780	IPPSN2020-780	IARI 20-29	0	TMR	10S	0	2.6	10S
780A	INFECTOR		80S	40S	80S	50S	62.5	80S
781	IPPSN2020-781	IARI 20-30	0	0	0	TS	0.3	TS
782	IPPSN2020-782	IARI 20-31	0	0	0	5S	1.3	5S
783	IPPSN2020-783	IARI 20-32	0	0	0	10S	2.5	10S
784	IPPSN2020-784	IARI 20-33	10MR	0	0	20S	6	20S
785	IPPSN2020-785	IARI 20-34	20S	5S	5S	TS	7.8	20S
786	IPPSN2020-786	IARI 20-35	0	0	0	20S	5	20S
787	IPPSN2020-787	IARI 20-36	5MR	0	20S	TS	5.8	20S
788	IPPSN2020-788	IARI 20-37	0	0	20S	10S	7.5	20S
789	IPPSN2020-789	IARI 20-38	20S	10S	0	0	7.5	20S
790	IPPSN2020-790	IARI 20-39	5MR	0	0	TS	0.8	5MR
791	IPPSN2020-791	IARI 20-40	5MR	0	0	0	0.5	5MR
792	IPPSN2020-792	IARI 20-41	0	0	0	0	0	0
793	IPPSN2020-793	IARI 20-42	0	0	0	TS	0.3	TS
794	IPPSN2020-794	IARI 20-43	0	0	0	0	0	0
795	IPPSN2020-795	IARI 20-44	10MS	0	0	TS	2.3	10MS
796	IPPSN2020-796	IARI 20-45	10MS	0	0	TS	2.3	10MS
797	IPPSN2020-797	IARI 20-46	10S	10S	60S	TS	20.3	60S
798	IPPSN2020-798	IARI 20-47	5MR	TMR	0	10S	3.1	10S

799	IPPSN2020-799	IARI 20-48	0	5MR	0	5S	1.8	5S
800	IPPSN2020-800	IARI 20-49	0	0	0	10S	2.5	10S
800A	INFECTOR		80S	40S	80S	50S	62.5	80S
801	IPPSN2020-801	IARI 20-50	0	0	0	0	0	0
802	IPPSN2020-802	IARI 20-51	0	0	0	5S	1.3	5S
803	IPPSN2020-803	IARI 20-52	5S	0	0	TS	1.5	5S
804	IPPSN2020-804	IARI 20-53	0	10MR	0	0	1	10MR
805	IPPSN2020-805	IARI 20-54	0	TMR	0	5S	1.4	5S
806	IPPSN2020-806	IARI 20-55	0	TMR	20S	TS	5.4	20S
807	IPPSN2020-807	IARI 20-56	0	0	0	10S	2.5	10S
808	IPPSN2020-808	IARI 20-57	5MR	0	0	0	0.5	5MR
809	IPPSN2020-809	IARI 20-58	0	0	0	TS	0.3	TS
810	IPPSN2020-810	IARI 20-59	0	0	0	0	0	0
811	IPPSN2020-811	IARI 20-60	0	5MS	0	5S	2.3	5S
812	IPPSN2020-812	IARI 20-61	5MR	5MR	0	0	1	5MR
813	IPPSN2020-813	IARI 20-62	0	0	0	TS	0.3	TS
814	IPPSN2020-814	IARI 20-63	10S	0	10S	TS	5.3	10S
815	IPPSN2020-815	IARI 20-64	0	0	20S	TS	5.3	20S
816	IPPSN2020-816	IARI 20-65	0	5MS	0	TS	1.3	5MS
817	IPPSN2020-817	IARI 20-66	5MR	0	60S	20S	20.5	60S
818	IPPSN2020-818	IARI 20-67	20S	TMR	10S	10S	10.1	20S
819	IPPSN2020-819	IARI 20-68	5MR	0	0	5S	1.8	5S
820	IPPSN2020-820	IARI 20-69	5S	TMR	10S	0	3.9	10S
820A	INFECTOR		80S	40S	80S	50S	62.5	80S
821	IPPSN2020-821	IARI 20-70	0	10MR	20S	10S	8.5	20S
822	IPPSN2020-822	IARI 20-71	0	0	0	TS	0.3	TS
823	IPPSN2020-823	IARI 20-72	0	0	0	5S	1.3	5S
824	IPPSN2020-824	IARI 20-73	0	0	0	10S	2.5	10S
825	IPPSN2020-825	IARI 20-74	0	0	0	TS	0.3	TS
826	IPPSN2020-826	IARI 20-75	0	0	0	10S	2.5	10S
827	IPPSN2020-827	IARI 20-76	0	0	0	10S	2.5	10S
828	IPPSN2020-828	IARI 20-77	0	0	0	20S	5	20S
829	IPPSN2020-829	IARI 20-78	10S	0	0	5S	3.8	10S
830	IPPSN2020-830	IARI 20-79	20S	0	0	TS	5.3	20S
831	IPPSN2020-831	IARI 20-80	40S	10S	TS	TS	13	40S
832	IPPSN2020-832	IARI 20-81	5S	TMR	10S	5S	5.1	10S
833	IPPSN2020-833	IARI 20-82	5MR	5MR	0	10S	3.5	10S
834	IPPSN2020-834	IARI 20-83	TR	TMR	0	5S	1.4	5S
835	IPPSN2020-835	IARI 20-84	5S	5MR	0	10S	4.3	10S
836	IPPSN2020-836	IARI 20-85	5MR	5MR	0	TS	1.3	5MR
837	IPPSN2020-837	IARI 20-86	10MS	TMR	0	5S	3.4	10MS
838	IPPSN2020-838	IARI 20-87	5MR	0	0	10S	3	10S
839	IPPSN2020-839	IARI 20-88	10MS	0	0	TS	2.3	10MS
840	IPPSN2020-840	IARI 20-89	10MS	0	0	5S	3.3	10MS
840A	INFECTOR		80S	40S	80S	50S	62.5	80S
841	IPPSN2020-841	IARI 20-90	0	5MR	0	5S	1.8	5S
842	IPPSN2020-842	IARI 20-91	0	5MR	0	5S	1.8	5S
843	IPPSN2020-843	IARI 20-92	0	5S	0	TS	1.5	5S
844	IPPSN2020-844	IARI 20-93	0	TMR	0	TS	0.4	TS
845	IPPSN2020-845	IARI 20-94	30S	0	0	0	7.5	30S
846	IPPSN2020-846	IARI 20-95	30S	0	0	0	7.5	30S
847	IPPSN2020-847	IARI 20-96	0	TS	40S	10S	12.8	40S
848	IPPSN2020-848	IARI 20-97	0	5MR	20S	5S	6.8	20S
849	IPPSN2020-849	IARI 20-98	0	0	0	5S	1.3	5S
850	IPPSN2020-850	IARI 20-99	0	0	5S	TS	1.5	5S
851	IPPSN2020-851	IARI 20-100	0	0	10S	5S	3.8	10S

852	IPPSN2020-852	IARI 20-101	0	0	0	10S	2.5	10S
853	IPPSN2020-853	IARI 20-102	5S	0	20S	5S	7.5	20S
854	IPPSN2020-854	IARI 20-103	0	5MS	0	10S	3.5	10S
855	IPPSN2020-855	IARI 20-104	0	0	0	10S	2.5	10S
856	IPPSN2020-856	IARI 20-105	0	0	10S	TS	2.8	10S
857	IPPSN2020-857	IARI 20-106	0	0	0	0	0	0
858	IPPSN2020-858	IARI 20-107	0	5MR	10MS	TS	2.8	10MS
859	IPPSN2020-859	IARI 20-108	0	0	0	0	0	0
860	IPPSN2020-860	IARI 20-109	0	TMR	0	5S	1.4	5S
860A	INFECTOR		80S	40S	80S	50S	62.5	80S
861	IPPSN2020-861	IARI 20-110	0	0	0	10S	2.5	10S
862	IPPSN2020-862	IARI 20-111	0	0	0	10S	2.5	10S
863	IPPSN2020-863	IARI 20-112	0	0	0	5S	1.3	5S
864	IPPSN2020-864	IARI 20-113	5MS	0	0	20S	6	20S
865	IPPSN2020-865	IARI 20-114	5MS	0	0	10S	3.5	10S
866	IPPSN2020-866	IARI 20-115	5MS	TMR	0	TS	1.4	5MS
867	IPPSN2020-867	IARI 20-116	TR	TMR	0	TS	0.4	TS
868	IPPSN2020-868	IARI 20-117	10MS	TMR	0	0	2.1	10MS
869	IPPSN2020-869	IARI 20-118	10MR	5MR	0	0	1.5	10MR
870	IPPSN2020-870	IARI 20-119	0	0	0	5S	1.3	5S
871	IPPSN2020-871	IARI 20-120	20S	0	0	0	5	20S
872	IPPSN2020-872	IARI 20-121	0	TMR	40S	5S	11.4	40S
873	IPPSN2020-873	IARI 20-122	5MR	5MR	10S	0	3.5	10S
874	IPPSN2020-874	IARI 20-123	0	10S	10S	0	5	10S
875	IPPSN2020-875	IARI 20-124	0	5MR	0	TS	0.8	5MR
876	IPPSN2020-876	IARI 20-125	20MS	5S	0	5S	6.5	20MS
877	IPPSN2020-877	IARI 20-126	20MS	5S	20S	0	10.3	20S
878	IPPSN2020-878	IARI 20-127	10MS	5MR	10S	0	5	10S
879	IPPSN2020-879	IARI 20-128	0	10MS	0	0	2	10MS
880	IPPSN2020-880	IARI 20-129	0	10S	0	NG	3.3	10S
880A	INFECTOR		80S	40S	80S	50S	62.5	80S
881	IPPSN2020-881	IARI 20-130	0	0	10S	5S	3.8	10S
882	IPPSN2020-882	IARI 20-131	5MR	0	10S	10S	5.5	10S
883	IPPSN2020-883	IARI 20-132	0	0	10S	10S	5	10S
884	IPPSN2020-884	IARI 20-133	0	TMR	20S	5S	6.4	20S
885	IPPSN2020-885	IARI 20-134	0	0	0	5S	1.3	5S
886	IPPSN2020-886	IARI 20-135	5MR	0	0	10S	3	10S
887	IPPSN2020-887	IARI 20-136	0	TMR	0	0	0.1	TMR
888	IPPSN2020-888	IARI 20-137	20S	0	20S	5S	11.3	20S
889	IPPSN2020-889	IARI 20-138	0	0	5S	5S	2.5	5S
890	IPPSN2020-890	IARI 20-139	10MR	10S	0	10S	6	10S
891	IPPSN2020-891	IARI 20-140	20MS	TMR	20S	TS	9.4	20S
892	IPPSN2020-892	IARI 20-141	0	TMS	10S	5S	4	10S
893	IPPSN2020-893	IARI 20-142	10MS	TMS	0	10S	4.7	10S
894	IPPSN2020-894	IARI 20-143	10MS	0	TS	10S	4.8	10S
895	IPPSN2020-895	IARI 20-144	0	TMS	0	10S	2.7	10S
896	IPPSN2020-896	IARI 20-145	0	0	5S	10S	3.8	10S
897	IPPSN2020-897	IARI 20-146	TR	0	0	5S	1.3	5S
898	IPPSN2020-898	IARI 20-147	0	0	0	5S	1.3	5S
899	IPPSN2020-899	IARI 20-148	0	10S	0	5S	3.8	10S
900	IPPSN2020-900	IARI 20-149	0	TMS	10S	10S	5.2	10S
900A	INFECTOR		80S	40S	80S	50S	62.5	80S
901	IPPSN2020-901	IARI 20-150	0	0	0	0	0	0
902	IPPSN2020-902	IARI 20-151	0	0	0	0	0	0
903	IPPSN2020-903	IARI 20-152	0	0	0	TS	0.3	TS
904	IPPSN2020-904	IARI 20-153	0	0	10S	5S	3.8	10S

905	IPPSN2020-905	IARI 20-154	0	0	0	TS	0.3	TS
906	IPPSN2020-906	IARI 20-155	5S	0	5S	0	2.5	5S
907	IPPSN2020-907	IARI 20-156	0	TMR	0	0	0.1	TMR
908	IPPSN2020-908	IARI 20-157	10S	5S	0	5S	5	10S
909	IPPSN2020-909	IARI 20-158	0	0	5S	10S	3.8	10S
910	IPPSN2020-910	IARI 20-159	0	0	0	0	0	0
911	IPPSN2020-911	IARI 20-160	5MS	5MR	0	10S	4	10S
912	IPPSN2020-912	IARI 20-161	5MS	5MR	0	TS	1.8	5MS
913	IPPSN2020-913	IARI 20-162	10MS	TMR	10S	5S	5.9	10S
914	IPPSN2020-914	IARI 20-163	10MS	5MS	0	10S	5.5	10S
915	IPPSN2020-915	IARI 20-164	0	0	0	TS	0.3	TS
916	IPPSN2020-916	IARI 20-165	0	0	0	0	0	0
917	IPPSN2020-917	IARI 20-166	0	0	10S	5S	3.8	10S
918	IPPSN2020-918	IARI 20-167	TR	0	20S	TS	5.3	20S
919	IPPSN2020-919	IARI 20-168	0	0	0	10S	2.5	10S
920	IPPSN2020-920	IARI 20-169	0	0	10S	10S	5	10S
920A	INFECTOR		80S	40S	80S	50S	62.5	80S
921	IPPSN2020-921	IARI 20-170	0	0	0	20S	5	20S
922	IPPSN2020-922	IARI 20-171	0	0	10S	5S	3.8	10S
923	IPPSN2020-923	IARI 20-172	0	0	0	0	0	0
924	IPPSN2020-924	IARI 20-173	0	0	0	5S	1.3	5S
925	IPPSN2020-925	IARI 20-174	0	0	0	0	0	0
926	IPPSN2020-926	IARI 20-175	0	0	0	0	0	0
927	IPPSN2020-927	P 13582	10MS	0	0	TS	2.3	10MS
928	IPPSN2020-928	P 13590	0	0	0	5S	1.3	5S
929	IPPSN2020-929	P 13633	0	0	0	TS	0.3	TS
930	IPPSN2020-930	P 13644	10MS	0	0	0	2	10MS
931	IPPSN2020-931	P 13645	0	0	5S	5S	2.5	5S
932	IPPSN2020-932	P 13673	0	0	0	0	0	0
933	IPPSN2020-933	P 13733	0	0	20S	0	5	20S
934	IPPSN2020-934	P 13757	0	5MR	40S	10S	13	40S
935	IPPSN2020-935	P 13769	5MR	0	0	5S	1.8	5S
936	IPPSN2020-936	P 13775	0	TMR	0	5S	1.4	5S
937	IPPSN2020-937	P 13793	0	0	0	0	0	0
938	IPPSN2020-938	P 13810	0	TMR	10S	5S	3.9	10S
939	IPPSN2020-939	P 13816	0	5S	0	0	1.3	5S
940	IPPSN2020-940	P 13818	0	0	40S	0	10	40S
940A	INFECTOR		80S	40S	80S	50S	62.5	80S
941	IPPSN2020-941	P 13822	0	0	0	5S	1.3	5S
942	IPPSN2020-942	P 13829	0	5R	0	TS	0.5	5R
943	IPPSN2020-943	P 13839	0	0	0	10S	2.5	10S
944	IPPSN2020-944	P 13869	0	0	20S	TS	5.3	20S
945	IPPSN2020-945	P 13888	0	0	0	0	0	0
946	IPPSN2020-946	P 13900	0	0	0	0	0	0
947	IPPSN2020-947	P 13901	0	0	20S	5S	6.3	20S
948	IPPSN2020-948	P 13905	0	0	10S	0	2.5	10S
949	IPPSN2020-949	P 13908	0	0	0	5S	1.3	5S
950	IPPSN2020-950	P 13919	0	TMS	10S	5S	4	10S
951	IPPSN2020-951	P 13929	0	10S	10S	TS	5.3	10S
952	IPPSN2020-952	P 13932	0	0	10S	5S	3.8	10S
953	IPPSN2020-953	P 13934	0	TMR	10S	10S	5.1	10S
954	IPPSN2020-954	P 13938	0	5MR	0	TS	0.8	5MR
955	IPPSN2020-955	P 13939	0	TMR	10S	5S	3.9	10S
956	IPPSN2020-956	P 13940	0	0	0	5S	1.3	5S
957	IPPSN2020-957	P 13941	0	0	10S	10S	5	10S
958	IPPSN2020-958	P 13942	0	5MS	20S	10S	8.5	20S

959	IPPSN2020-959	P 13946	0	TMR	10S	5S	3.9	10S
960	IPPSN2020-960	P 13967	0	TMR	10S	TS	2.9	10S
960A	INFECTOR		80S	40S	80S	50S	62.5	80S
961	IPPSN2020-961	P 13973	0	TS	0	10S	2.8	10S
962	IPPSN2020-962	P 13974	0	5MS	0	30S	8.5	30S
963	IPPSN2020-963	P 13977	0	TMS	10S	20S	7.7	20S
964	IPPSN2020-964	P 13979	0	5MS	0	TS	1.3	5MS
965	IPPSN2020-965	P 13980	0	TMS	10S	0	2.7	10S
966	IPPSN2020-966	P 13981	0	TMS	10S	20S	7.7	20S
967	IPPSN2020-967	P 13982	0	TS	0	30S	7.8	30S
968	IPPSN2020-968	P 13988	0	5MR	0	5S	1.8	5S
969	IPPSN2020-969	P 13993	0	0	0	TS	0.3	TS
970	IPPSN2020-970	P 13994	0	0	0	5S	1.3	5S
971	IPPSN2020-971	P 13999	0	0	0	0	0	0
972	IPPSN2020-972	P 14000	0	TMR	0	10S	2.6	10S
973	IPPSN2020-973	P 14022	0	0	40S	TS	10.3	40S
974	IPPSN2020-974	P 14034	0	0	0	20S	5	20S
975	IPPSN2020-975	P 14041	TR	5S	0	30S	8.8	30S
976	IPPSN2020-976	P 14048	0	0	20S	TS	5.3	20S
977	IPPSN2020-977	P 14061	0	TMS	0	0	0.2	TMS
978	IPPSN2020-978	P 14090	0	0	0	0	0	0
979	IPPSN2020-979	P 14103	0	0	10S	5S	3.8	10S
980	IPPSN2020-980	P 14114	0	0	0	10S	2.5	10S
980A	INFECTOR		80S	40S	60S	50S	57.5	80S
981	IPPSN2020-981	P 14115	0	0	0	10S	2.5	10S
982	IPPSN2020-982	P 14225	0	TMR	0	5S	1.4	5S
983	IPPSN2020-983	P 8127	10MR	5MR	0	0	1.5	10MR
984	IPPSN2020-984	P 8228	5S	5MR	0	TS	2	5S
985	IPPSN2020-985	P 8229	5MS	0	0	TS	1.3	5MS
986	IPPSN2020-986	P 8241	10MR	0	0	5S	2.3	5S
987	IPPSN2020-987	PWU 14	0	0	0	10S	2.5	10S
988	IPPSN2020-988	PWU-15	5MR	0	0	10S	3	10S
989	IPPSN2020-989	PWU-16	5MS	0	0	10S	3.5	10S
990	IPPSN2020-990	PWU-17	0	0	0	0	0	0
991	IPPSN2020-991	PWU-18	5MS	5MS	0	0	2	5MS
992	IPPSN2020-992	PWU-19	0	0	0	10S	2.5	10S
993	IPPSN2020-993	BCW 12	5MS	TMS	0	TS	1.5	5MS
994	IPPSN2020-994	BCW 18	0	0	0	TS	0.3	TS
995	IPPSN2020-995	RWP-TS-15	5MS	0	0	TS	1.3	5MS
996	IPPSN2020-996	RWP-TS-27	10S	0	0	5S	3.8	10S
997	IPPSN2020-997	RWP-TS-24	0	0	0	0	0	0
998	IPPSN2020-998	RWP-TS-26	0	0	0	TS	0.3	TS
999	IPPSN2020-999	RWP-TS-23	TR	0	0	TS	0.3	TS
1000	IPPSN2020-1000	RWP-TS-17	0	40S	0	TS	10.3	40S
1000A	INFECTOR		80S	40S	80S	50S	62.5	80S
1001	IPPSN2020-1001	RWP-TS-33	0	0	0	0	0	0
1002	IPPSN2020-1002	RWP-TS-16	20S	0	40S	TS	15.3	40S
1003	IPPSN2020-1003	RWP-TS-11	0	TMR	0	5S	1.4	5S
1004	IPPSN2020-1004	RWP-TS-13	0	5MR	0	0	0.5	5MR
1005	IPPSN2020-1005	RWP-TS-28	TR	TMS	0	10S	2.8	10S
1006	IPPSN2020-1006	RWP-TS-01	0	5MS	0	5S	2.3	5S
1007	IPPSN2020-1007	NEP-TS-14	10S	0	0	5S	3.8	10S
1008	IPPSN2020-1008	NEP-TS-4	TMS	0	0	10S	2.7	10S
1009	IPPSN2020-1009	NEP-TS-7	0	0	0	TS	0.3	TS
1010	IPPSN2020-1010	NEP-TS-1	5MR	0	0	5S	1.8	5S
1011	IPPSN2020-1011	NEP-TS-18	10MR	0	40S	0	11	40S

1012	IPPSN2020-1012	DWAP-TS-14	10S	TMS	40S	5S	14	40S
1013	IPPSN2020-1013	DWAP-TS-13	5MR	0	0	5S	1.8	5S
1014	IPPSN2020-1014	DWAP-TS-21	20S	0	0	5S	6.3	20S
1015	IPPSN2020-1015	DWAP-TS-22	50S	5MS	40S	10S	26	40S
1016	IPPSN2020-1016	BST-A-TS-20	0	0	0	TS	0.3	TS
1017	IPPSN2020-1017	BST-A-TS-05	0	0	0	TS	0.3	TS
1018	IPPSN2020-1018	BST-A-TS-09	0	0	0	5S	1.3	5S
1019	IPPSN2020-1019	BST-A-TS-07	10MS	TMR	10S	5S	5.9	10S
1020	IPPSN2020-1020	BST-A-TS-10	0	0	0	10S	2.5	10S
1020A	INFECTOR		80S	40S	80S	50S	62.5	80S
1021	IPPSN2020-1021	BST-A-TS-19	0	0	0	5S	1.3	5S
1022	IPPSN2020-1022	BST-A-TS-04	0	0	0	10S	2.5	10S
1023	IPPSN2020-1023	QYT-TS-15	0	0	0	20S	5	20S
1024	IPPSN2020-1024	QYT-TS-12	0	0	5S	10S	3.8	10S
1025	IPPSN2020-1025	QYT-TS-08	0	TMS	40S	5S	11.5	40S
1026	IPPSN2020-1026	QYT-TS-14	20MS	0	10S	0	6.5	20MS
1027	IPPSN2020-1027	QYT-TS-06	0	0	0	0	0	0
1028	IPPSN2020-1028	QYT-TS-03	5S	TMR	0	5S	2.6	5S
1029	IPPSN2020-1029	GRU/2019-20/12	0	0	0	5S	1.3	5S
1030	IPPSN2020-1030	RWP-TS-29	20S	0	0	10S	7.5	20S
1031	IPPSN2020-1031	RWP-TS-19	0	0	5S	TS	1.5	5S
1032	IPPSN2020-1032	RWP-TS-03	10S	TMS	0	5S	4	10S
1033	IPPSN2020-1033	RWP-TS-35	0	0	0	TS	0.3	TS
1034	IPPSN2020-1034	RWP-TS-36	0	0	0	TS	0.3	TS
1035	IPPSN2020-1035	RWP-TS-22	0	0	10S	TS	2.8	10S
1036	IPPSN2020-1036	RWP-TS-38	0	0	0	5S	1.3	5S
1037	IPPSN2020-1037	RWP-TS-25	5MR	0	0	5S	1.8	5S
1038	IPPSN2020-1038	NEP-TS-23	0	TMR	0	5S	1.4	5S
1039	IPPSN2020-1039	DWAP-TS-04	0	20S	40S	10S	17.5	40S
1040	IPPSN2020-1040	DWAP-TS-29	0	0	0	5S	1.3	5S
1040A	INFECTOR		80S	40S	80S	50S	62.5	80S
1041	IPPSN2020-1041	DWAP-TS-07	0	TMS	0	10S	2.7	10S
1042	IPPSN2020-1042	DWAP-TS-26	0	0	0	5S	1.3	5S
1043	IPPSN2020-1043	DWAP-TS-28	5MS	0	0	5S	2.3	5S
1044	IPPSN2020-1044	BST-D-TS-04	0	5R	0	10S	2.8	10S
1045	IPPSN2020-1045	BST-A-TS-25	0	0	0	10S	2.5	10S
1046	IPPSN2020-1046	BST-A-TS-15	0	TMS	20S	5S	6.5	20S
1047	IPPSN2020-1047	BST-A-TS-26	10S	20S	40S	5S	18.8	40S
1048	IPPSN2020-1048	BST-A-TS-17	10S	5S	10S	10S	8.8	10S
1049	IPPSN2020-1049	BST-A-TS-14	20S	5S	5S	10S	10	20S
1050	IPPSN2020-1050	QYT-TS-20	0	0	20S	TS	5.3	20S
1051	IPPSN2020-1051	QYT-TS-02	0	5MR	0	5S	1.8	5S
1052	IPPSN2020-1052	QYT-TS-25	0	0	0	5S	1.3	5S
1053	IPPSN2020-1053	PYT-TS-SR-15	0	0	0	5S	1.3	5S
1054	IPPSN2020-1054	RWP-IR-LS-13	0	TMR	0	TS	0.4	TS
1055	IPPSN2020-1055	RWP-IR-LS-07	0	20S	10S	5S	8.8	20S
1056	IPPSN2020-1056	RWP-IR-LS-12	0	5S	0	10S	3.8	10S
1057	IPPSN2020-1057	RWP-IR-LS-05	10MR	20S	20S	20S	16	20S
1058	IPPSN2020-1058	RWP-IR-LS-10	10MS	0	0	5S	3.3	10MS
1059	IPPSN2020-1059	RWP-IR-LS-04	0	40S	40S	10S	22.5	40S
1060	IPPSN2020-1060	RWP-IR-LS-02	0	0	0	5S	1.3	5S
1060A	INFECTOR		80S	40S	80S	50S	62.5	80S
1061	IPPSN2020-1061	RWP-IR-LS-06	0	20S	0	TS	5.3	20S
1062	IPPSN2020-1062	NEPZ-LS-24	0	0	0	10S	2.5	10S
1063	IPPSN2020-1063	NEPZ-LS-25	20S	20S	20S	0	15	20S
1064	IPPSN2020-1064	NEPZ-LS-08	0	10S	20S	0	7.5	20S

1065	IPPSN2020-1065	NEPZ-LS-17	0	TMR	10S	5S	3.9	10S
1066	IPPSN2020-1066	NEPZ-LS-04	0	TMR	0	TS	0.4	TS
1067	IPPSN2020-1067	NEPZ-LS-12	0	0	0	5S	1.3	5S
1068	IPPSN2020-1068	NEPZ-LS-09	5MS	TMS	40S	5S	12.5	40S
1069	IPPSN2020-1069	DWAP-LS-06	0	0	5S	5S	2.5	5S
1070	IPPSN2020-1070	DWAP-LS-07	10S	TS	10S	0	5.3	10S
1071	IPPSN2020-1071	DWAP-LS-11	0	0	10S	5S	3.8	10S
1072	IPPSN2020-1072	DWAP-LS-08	10MS	5S	20S	TS	8.5	20S
1073	IPPSN2020-1073	DWAP-LS-13	10MS	0	10S	0	4.5	10S
1074	IPPSN2020-1074	DWAP-LS-16	0	0	0	5S	1.3	5S
1075	IPPSN2020-1075	DWAP-LS-19	0	0	0	TS	0.3	TS
1076	IPPSN2020-1076	DWAP-LS-14	0	5S	40S	0	11.3	40S
1077	IPPSN2020-1077	BST-A-LS-01	5MR	0	0	5S	1.8	5S
1078	IPPSN2020-1078	BST-A-LS-10	0	TMS	0	0	0.2	TMS
1079	IPPSN2020-1079	BST-A-LS-02	0	0	0	TS	0.3	TS
1080	IPPSN2020-1080	BST-A-LS-07	0	0	20S	0	5	20S
1080A	INFECTOR		80S	40S	80S	50S	62.5	80S
1081	IPPSN2020-1081	BST-A-LS-03	10S	10S	0	TS	5.3	10S
1082	IPPSN2020-1082	QYT-LS-1944	0	0	10S	0	2.5	10S
1083	IPPSN2020-1083	QYT-LS-1950	0	5MS	5S	0	2.3	5S
1084	IPPSN2020-1084	QYT-LS-1943	0	0	0	TS	0.3	TS
1085	IPPSN2020-1085	QYT-LS-1958	0	0	0	TS	0.3	TS
1086	IPPSN2020-1086	GRU/2019-20/13	5MS	0	0	0	1	5MS
1087	IPPSN2020-1087	RWP-RI-14	0	0	0	5S	1.3	5S
1088	IPPSN2020-1088	RWP-RI-16	0	5MR	0	0	0.5	5MR
1089	IPPSN2020-1089	RWP-RI-02	0	0	0	10S	2.5	10S
1090	IPPSN2020-1090	RWP-RI-06	0	TMR	0	0	0.1	TMR
1091	IPPSN2020-1091	RWP-RI-17	0	0	0	TS	0.3	TS
1092	IPPSN2020-1092	RWP-RI-07	0	TMS	10S	5S	4	10S
1093	IPPSN2020-1093	RWP-RI-15	0	TMR	0	5S	1.4	5S
1094	IPPSN2020-1094	RWP-RI-19	0	0	0	TS	0.3	TS
1095	IPPSN2020-1095	NEPZ-RI-15	40S	10S	40S	20S	27.5	40S
1096	IPPSN2020-1096	NEPZ-RI-06	20S	10S	20S	TS	12.8	20S
1097	IPPSN2020-1097	NEPZ-RI-03	0	5S	0	TS	1.5	5S
1098	IPPSN2020-1098	NEPZ-RI-14	20S	5MS	0	5S	7.3	20S
1099	IPPSN2020-1099	DWAP-10	0	TMR	0	10S	2.6	10S
1100	IPPSN2020-1100	DWAP-04	TR	0	10S	TS	2.8	10S
1100A	INFECTOR		80S	40S	80S	50S	62.5	80S
1101	IPPSN2020-1101	DWAP-19	20S	0	10S	0	7.5	20S
1102	IPPSN2020-1102	DWAP-06	10MR	0	10S	0	3.5	10S
1103	IPPSN2020-1103	BST-A-RI-1905	10MR	0	40S	5S	12.3	40S
1104	IPPSN2020-1104	BST-A-RI-1904	0	0	0	TS	0.3	TS
1105	IPPSN2020-1105	BST-A-RI-1907	0	0	20S	0	5	20S
1106	IPPSN2020-1106	QYT-RI-1926	0	0	5S	20S	6.3	20S
1107	IPPSN2020-1107	QYT-RI-1941	0	TMR	0	5S	1.4	5S
1108	IPPSN2020-1108	GRU/2019-20/14	0	0	5S	TS	1.5	5S
1109	IPPSN2020-1109	HUWL2001	40S	5S	0	TS	11.5	40S
1110	IPPSN2020-1110	HUWL2002	0	10MS	0	0	2	10MS
1111	IPPSN2020-1111	HUWL2003	0	0	20S	TS	5.3	20S
1112	IPPSN2020-1112	HUWL2004	0	0	0	10S	2.5	10S
1113	IPPSN2020-1113	HUWL2005	0	NG	0	10S	3.3	10S
1114	IPPSN2020-1114	HUWL2006	10MR	0	40S	TS	11.3	40S
1115	IPPSN2020-1115	HUWL2007	5MR	0	10S	5S	4.3	10S
1116	IPPSN2020-1116	HUWL2008	10MR	0	60S	TS	16.3	60S*
1117	IPPSN2020-1117	HUWL2009	0	NG	0	NG	0	0
1118	IPPSN2020-1118	HUWL2010	5MR	5MR	60S	50S	28.5	60S

1119	IPPSN2020-1119	HUWL2011	0	0	0	NG	0	0
1120	IPPSN2020-1120	HUWL2012	0	10S	10S	5S	6.3	10S
1120A	INFECTOR		80S	40S	80S	50S	62.5	80S
1121	IPPSN2020-1121	HUWL2013	0	NG	0	0	0	0
1122	IPPSN2020-1122	HUWL2014	5MR	0	5S	10S	4.3	10S
1123	IPPSN2020-1123	HUWL2015	0	0	0	10S	2.5	10S
1124	IPPSN2020-1124	HUWL2016	0	TMR	0	0	0.1	TMR
1125	IPPSN2020-1125	HUWL2017	5MS	0	20S	5S	7.3	20S
1126	IPPSN2020-1126	HUWL2018	10MR	TMR	40S	10S	13.6	40S
1127	IPPSN2020-1127	HUWL2019	10MR	0	20S	5S	7.3	20S
1128	IPPSN2020-1128	HUWL2020	0	0	0	5S	1.3	5S
1129	IPPSN2020-1129	HUWL2021	20S	5MS	0	5S	7.3	20S
1130	IPPSN2020-1130	HUWL2022	0	TMS	40S	10S	12.7	40S
1131	IPPSN2020-1131	HUWL2023	0	10MR	20S	0	6	20S
1132	IPPSN2020-1132	HUWL2024	0	0	20S	0	5	20S
1133	IPPSN2020-1133	HUWL2025	20S	0	0	20S	10	20S
1134	IPPSN2020-1134	HUWL2026	0	0	10S	5S	3.8	10S
1135	IPPSN2020-1135	HUWL2027	5S	0	0	10S	3.8	10S
1136	IPPSN2020-1136	HUWL2028	0	TMR	0	0	0.1	TMR
1137	IPPSN2020-1137	HUWL2029	5S	TMR	0	0	1.4	5S
1138	IPPSN2020-1138	HUWL2030	0	5MR	20S	TS	5.8	20S
1139	IPPSN2020-1139	HUWL2031	0	5MS	0	5S	2.3	5S
1140	IPPSN2020-1140	HUWL2032	10S	0	0	5S	3.8	10S
1140A	INFECTOR		80S	40S	80S	50S	62.5	80S
1141	IPPSN2020-1141	HUWL2033	60S	5MS	40S	TS	26.3	60S
1142	IPPSN2020-1142	HUWL2034	0	0	10S	5S	3.8	10S
1143	IPPSN2020-1143	HUWL2035	40S	10S	40S	TS	22.8	40S
1144	IPPSN2020-1144	HUWL2036	10MS	5MS	40S	10S	15.5	40S
1145	IPPSN2020-1145	HUWL2037	0	5MS	10S	5S	4.8	10S
1146	IPPSN2020-1146	HUWL2038	10MS	10MS	20S	5S	10.3	20S
1147	IPPSN2020-1147	HUWL2039	0	NG	40S	NG	20	40S
1148	IPPSN2020-1148	HUWL2040	60S	20S	20S	10S	27.5	60S
1149	IPPSN2020-1149	BW17R2038	5MR	5MR	0	5S	2.3	5S
1150	IPPSN2020-1150	BW17R6045	20S	0	0	TS	5.3	20S
1151	IPPSN2020-1151	Sahib 2603	0	0	0	5S	1.3	5S
1152	IPPSN2020-1152	920(d)	5MR	5MR	40S	TS	11.3	40S
1153	IPPSN2020-1153	926	60S	10S	5S	5S	20	60S
1154	IPPSN2020-1154	946	5MR	0	20S	5S	6.8	20S
1155	IPPSN2020-1155	948	5MR	5S	0	10S	4.3	10S
1156	IPPSN2020-1156	1006	0	0	40S	5S	11.3	40S
1157	IPPSN2020-1157	1013	5MS	0	10S	TS	3.8	10S
1158	IPPSN2020-1158	1117	5MR	0	5S	TS	2	5S
1159	IPPSN2020-1159	1119	0	0	40S	TS	10.3	40S
1160	IPPSN2020-1160	1216	0	20S	40S	5S	16.3	40S
1160A	INFECTOR		80S	40S	80S	50S	62.5	80S
1161	IPPSN2020-1161	1322	5MS	TMS	0	10S	3.7	10S
1162	IPPSN2020-1162	RAUW 11	0	NG	NG	NG	0	0
1163	IPPSN2020-1163	RAUW 12	0	NG	NG	NG	0	0
1164	IPPSN2020-1164	RAUW 13	0	5MR	0	10S	3	10S
1165	IPPSN2020-1165	RAUW 14	0	NG	0	TS	0.3	TS
1166	IPPSN2020-1166	RAUW 15	0	0	40S	5S	11.3	40S
1167	IPPSN2020-1167	WR 2065	0	5MR	0	10S	3	10S
1168	IPPSN2020-1168	WR 2066	0	5MR	0	5S	1.8	5S
1169	IPPSN2020-1169	WR 2067	0	0	20S	10S	7.5	20S
1170	IPPSN2020-1170	WR 2068	0	10S	20S	5S	8.8	20S
1171	IPPSN2020-1171	WR 2069	0	0	10S	5S	3.8	10S

1172	IPPSN2020-1172	WR 2070	0	0	40S	10S	12.5	40S
1173	IPPSN2020-1173	WR 2071	10S	20S	40S	10S	20	40S
1174	IPPSN2020-1174	WR 2072	20S	20S	40S	5S	21.3	40S
1175	IPPSN2020-1175	WR 2073	10S	10S	10S	TS	7.8	10S
1176	IPPSN2020-1176	WR 2074	5MR	10S	5S	TS	4.5	10S
1177	IPPSN2020-1177	WR 2075	TR	0	40S	5S	11.3	40S
1178	IPPSN2020-1178	WR 2076	20S	0	40S	10S	17.5	40S
1179	IPPSN2020-1179	WR 2077	10S	TMS	40S	10S	15.2	40S
1180	IPPSN2020-1180	WR 2078	5S	10S	20S	20S	13.8	20S
1180A	INFECTOR		80S	40S	80S	50S	62.5	80S
1181	IPPSN2020-1181	WR 2079	0	40S	0	TS	10.3	40S
1182	IPPSN2020-1182	WR 2080	0	0	10S	5S	3.8	10S
1183	IPPSN2020-1183	WR 2081	5S	TMS	0	10S	4	10S
1184	IPPSN2020-1184	WR 2082	0	0	20S	5S	6.3	20S
1185	IPPSN2020-1185	WR 2083	0	5MR	40S	10S	13	40S
1186	IPPSN2020-1186	WR 2084	10S	10S	10S	10S	10	10S
1187	IPPSN2020-1187	WR 2085	0	0	0	10S	2.5	10S
1188	IPPSN2020-1188	WR 2086	10MR	10MR	40S	0	12	40S
1189	IPPSN2020-1189	WR 2087	10S	10S	40S	5S	16.3	40S
1190	IPPSN2020-1190	WR 2088	0	0	0	10S	2.5	10S
1191	IPPSN2020-1191	WR 2089	0	10MS	40S	0	12	40S
1192	IPPSN2020-1192	WR 2090	0	10S	0	0	2.5	10S
1193	IPPSN2020-1193	WR 2091	5S	0	20S	5S	7.5	20S
1194	IPPSN2020-1194	WR 2092	5MR	0	0	TS	0.8	5MR
1195	IPPSN2020-1195	WR 2093	0	0	20S	5S	6.3	20S
1196	IPPSN2020-1196	WR 2094	0	0	0	20S	5	20S
1197	IPPSN2020-1197	WR 2095	0	0	20S	TS	5.3	20S
1198	IPPSN2020-1198	WR 2096	0	5S	40S	10S	13.8	40S
1199	IPPSN2020-1199	WR 2097	0	5S	40S	10S	13.8	40S
1200	IPPSN2020-1200	WR 2098	0	10S	40S	10S	15	40S
1200A	INFECTOR		80S	40S	80S	50S	62.5	80S
1201	IPPSN2020-1201	WR 2099	0	0	10S	5S	3.8	10S
1202	IPPSN2020-1202	WR 2100	0	0	0	10S	2.5	10S
1203	IPPSN2020-1203	WR 2101	0	0	0	10S	2.5	10S
1204	IPPSN2020-1204	WR 2102	0	0	0	5S	1.3	5S
1205	IPPSN2020-1205	WR 2103	0	0	0	TS	0.3	TS
1206	IPPSN2020-1206	WR 2104	0	0	0	TS	0.3	TS
1207	IPPSN2020-1207	WR 2105	0	0	0	10S	2.5	10S
1208	IPPSN2020-1208	WR 2106	5S	0	0	10S	3.8	10S
1209	IPPSN2020-1209	WR 2107	0	0	0	5S	1.3	5S
1210	IPPSN2020-1210	WR 2108	0	TMS	40S	10S	12.7	40S
1211	IPPSN2020-1211	WR 2109	0	0	0	5S	1.3	5S
1212	IPPSN2020-1212	WR 2110	0	0	10S	5S	3.8	10S
1213	IPPSN2020-1213	WR 2111	10S	0	20S	10S	10	20S
1214	IPPSN2020-1214	WR 2112	10S	0	0	10S	5	10S
1215	IPPSN2020-1215	WR 2113	0	0	0	10S	2.5	10S
1216	IPPSN2020-1216	WR 2114	0	0	10S	0	2.5	10S
1217	IPPSN2020-1217	TAW40	0	0	0	5S	1.3	5S
1218	IPPSN2020-1218	TAW41	0	0	0	TS	0.3	TS
1219	IPPSN2020-1219	TAW66	0	0	0	TS	0.3	TS
1220	IPPSN2020-1220	TAW90	0	0	20S	5S	6.3	20S
1220A	INFECTOR		80S	40S	80S	50S	62.5	80S
1221	IPPSN2020-1221	TAW99	0	0	0	TS	0.3	TS
1222	IPPSN2020-1222	TAW100	0	0	0	TS	0.3	TS
1223	IPPSN2020-1223	TAW101	40S	TMS	40S	5S	21.5	40S
1224	IPPSN2020-1224	TAW76	10MS	0	40S	0	12	40S

1225	IPPSN2020-1225	TAW77	10MS	0	40S	5S	13.3	40S
1226	IPPSN2020-1226	TAW121	0	0	40S	0	10	40S
1227	IPPSN2020-1227	TAW133	0	0	20S	10S	7.5	20S
1228	IPPSN2020-1228	TAW142	0	0	5S	5S	2.5	5S
1229	IPPSN2020-1229	BWL 6801	0	TMS	0	5S	1.5	5S
1230	IPPSN2020-1230	BNSR-6	0	0	20S	10S	7.5	20S
1231	IPPSN2020-1231	UP 3101	5MR	0	5S	5S	3	5S
1232	IPPSN2020-1232	IND 573	0	0	0	10S	2.5	10S
1233	IPPSN2020-1233	MACS 6823	0	10S	0	0	2.5	10S
1234	IPPSN2020-1234	QLD 117	0	TMR	0	NG	0.1	TMR
1235	IPPSN2020-1235	MACS 6821	0	0	0	TS	0.3	TS
1236	IPPSN2020-1236	NEQ-2020-2	10S	10S	40S	5S	16.3	40S
1237	IPPSN2020-1237	BWL 9986	10S	0	10S	20S	10	20S
1238	IPPSN2020-1238	UASQ 331	20S	0	0	TS	5.3	20S
1239	IPPSN2020-1239	CG 2021	0	0	0	5S	1.3	5S
1240	IPPSN2020-1240	MACS 6822	0	0	0	5S	1.3	5S
1240A	INFECTOR		80S	40S	80S	50S	62.5	80S
1241	IPPSN2020-1241	QLD 120	0	TMR	10S	0	2.6	10S
1242	IPPSN2020-1242	UP 3104	0	5MS	5S	5S	3.5	5S
1243	IPPSN2020-1243	GW-A-2020-999	0	0	0	20S	5	20S
1244	IPPSN2020-1244	DWAP-2026	0	0	10S	TS	2.8	10S
1245	IPPSN2020-1245	ID 2017	0	0	0	5S	1.3	5S
1246	IPPSN2020-1246	DWAP 1926	0	0	0	TS	0.3	TS
1247	IPPSN2020-1247	BWL 9981	TMS	0	0	5S	1.5	5S
1248	IPPSN2020-1248	MACS 6824	0	0	0	TS	0.3	TS
1249	IPPSN2020-1249	QLD 119	0	NG	0	NG	0	0
1250	IPPSN2020-1250	IND 572	0	0	0	5S	1.3	5S
1251	IPPSN2020-1251	QLD 121	0	5MS	10S	0	3.5	10S
1252	IPPSN2020-1252	QBI-19 - 09	0	0	0	10S	2.5	10S
1253	IPPSN2020-1253	QLD 118	10S	5MS	0	10S	6	10S
1254	IPPSN2020-1254	GW - A- 2019-955	0	0	0	TS	0.3	TS
1255	IPPSN2020-1255	QBI 19-27	0	0	0	5S	1.3	5S
1256	IPPSN2020-1256	QBP-18-15	0	0	10S	TS	2.8	10S
1257	IPPSN2020-1257	RWP 1002	0	0	0	TS	0.3	TS
1258	IPPSN2020-1258	QBI-20-20	0	0	0	TS	0.3	TS
1259	IPPSN2020-1259	GW-A-2020-1002	10MR	TMR	0	5S	2.4	5S
1260	IPPSN2020-1260	QLD 122	0	TMS	0	10S	2.7	10S
1260A	INFECTOR		80S	40S	80S	50S	62.5	80S
1261	IPPSN2020-1261	CG 2023	0	0	60S	10S	17.5	60S
1262	IPPSN2020-1262	DWAP 1925	0	0	10S	5S	1.3	10S
1263	IPPSN2020-1263	QBI-20-14	0	0	0	10S	2.5	10S
1264	IPPSN2020-1264	QBI 19-24	20S	0	0	10S	7.5	20S
1265	IPPSN2020-1265	GW-A-2020-998	0	0	0	5S	1.3	5S
1266	IPPSN2020-1266	QLD 123	0	TMR	0	TS	0.4	TS
1267	IPPSN2020-1267	RWP 1146	40S	0	40S	10S	22.5	40S
1268	IPPSN2020-1268	DWAP-2025	20S	0	0	5S	6.3	20S
1269	IPPSN2020-1269	QBI-20-9	20S	5MS	20S	20S	16	20S
1270	IPPSN2020-1270	BNSR-7	0	0	10S	5S	3.8	10S
1271	IPPSN2020-1271	HTW 2019-21	5S	0	20S	TS	6.5	20S
1272	IPPSN2020-1272	GW-A-2019-957	0	0	0	10S	2.5	10S
1273	IPPSN2020-1273	QBI-19 - 15	0	0	0	5S	1.3	5S
1274	IPPSN2020-1274	GW - (d)- 2019-987	0	0	0	TS	0.3	TS
1275	IPPSN2020-1275	UASQ 330	0	0	0	TS	0.3	TS
1276	IPPSN2020-1276	NEQ-2020-1	0	0	0	5S	1.3	5S
1277	IPPSN2020-1277	DBW88-1	0	0	0	10S	2.5	10S
1278	IPPSN2020-1278	DBW88-2	0	0	0	5S	1.3	5S

1279	IPPSN2020-1279	DBW88-3	0	0	0	TS	0.3	TS
1280	IPPSN2020-1280	DBW88-4	0	0	0	10S	2.5	10S
1280A	INFECTOR		80S	40S	80S	50S	62.5	80S
1281	IPPSN2020-1281	DBW88-5	0	TS	0	5S	1.5	5S
1282	IPPSN2020-1282	DBW88-6	0	0	0	10S	2.5	10S
1283	IPPSN2020-1283	DBW88-7	0	0	0	TS	0.3	TS
1284	IPPSN2020-1284	DBW88-8	5MS	0	0	TS	1.3	5MS
1285	IPPSN2020-1285	DBW88-9	5MS	0	20S	5S	7.3	20S
1286	IPPSN2020-1286	DBW88-10	0	0	0	10S	2.5	10S
1287	IPPSN2020-1287	DBW88-11	20S	0	0	TS	5.3	20S
1288	IPPSN2020-1288	DBW88-12	10S	0	0	5S	3.8	10S
1289	IPPSN2020-1289	DBW88-13	0	5MS	40S	5S	12.3	40S
1290	IPPSN2020-1290	DBW88-14	0	0	0	TS	0.3	TS
1291	IPPSN2020-1291	DBW88-15	0	TMR	0	5S	1.4	5S
1292	IPPSN2020-1292	DBW88-16	0	0	0	10S	2.5	10S
1293	IPPSN2020-1293	DBW88-17	0	TMR	0	10S	2.6	10S
1294	IPPSN2020-1294	DBW88-18	0	0	0	20S	5	20S
1295	IPPSN2020-1295	DBW88-19	0	TMR	0	0	0.1	TMR
1296	IPPSN2020-1296	DBW88-20	0	0	0	10S	2.5	10S
1297	IPPSN2020-1297	DBW88-21	5S	TMR	0	10S	3.9	10S
1298	IPPSN2020-1298	DBW88-22	0	TMR	0	5S	1.4	5S
1299	IPPSN2020-1299	DBW88-23	0	TMR	10S	5S	3.9	10S
1300	IPPSN2020-1300	DBW88-24	TR	0	0	5S	1.3	5S
1300A	INFECTOR		80S	40S	80S	50S	62.5	80S
1301	IPPSN2020-1301	KRL-2001	40S	TMS	0	5S	11.5	40S
1302	IPPSN2020-1302	KRL-2006	0	0	0	TS	0.3	TS
1303	IPPSN2020-1303	KRL-2009	0	0	0	0	0	0
1304	IPPSN2020-1304	KRL-2011	0	0	0	0	0	0
1305	IPPSN2020-1305	KRL-2012	0	0	0	0	0	0
1306	IPPSN2020-1306	KRL-2017	0	0	0	5S	1.3	5S
1307	IPPSN2020-1307	KRL-2018	5S	0	0	10S	3.8	10S
1308	IPPSN2020-1308	KRL-2023	0	0	0	TS	0.3	TS
1309	IPPSN2020-1309	KRL-2026	0	0	0	5S	1.3	5S
1310	IPPSN2020-1310	KRL-2027	0	0	0	0	0	0
1311	IPPSN2020-1311	RWP1116	0	0	0	TS	0.3	TS
1312	IPPSN2020-1312	RWP1119	0	0	40S	10S	12.5	40S
1313	IPPSN2020-1313	LBP-2019-14	0	0	0	10S	2.5	10S
1314	IPPSN2020-1314	LBP-2019-21	0	0	0	10S	2.5	10S
1315	IPPSN2020-1315	LBP-2019-31	TR	TMS	40S	5S	11.5	40S
1316	IPPSN2020-1316	DWAP2022	0	0	0	10S	2.5	10S
1317	IPPSN2020-1317	DWAP2023	0	0	0	5S	1.3	5S
1318	IPPSN2020-1318	DWAP2024	0	0	0	TS	0.3	TS
1319	IPPSN2020-1319	SANSR-8	0	0	10S	10S	5	10S
1320	IPPSN2020-1320	SANSR-9	0	0	0	20S	5	20S
1320A	INFECTOR		80S	40S	80S	50S	62.5	80S
1321	IPPSN2020-1321	HD3414	0	0	60S	5S	16.3	60S*
1322	IPPSN2020-1322	HD3415	0	5MR	0	0	0.5	5MR
1323	IPPSN2020-1323	K1901	TR	0	60S	5S	16.3	60S*
1324	IPPSN2020-1324	K1905	0	0	0	0	0	0
1325	IPPSN2020-1325	NW-8003	0	0	0	20S	5	20S
1326	IPPSN2020-1326	NW-8005	TR	5MS	40S	TS	11.3	40S
1327	IPPSN2020-1327	WH1278	0	0	0	5S	1.3	5S
1328	IPPSN2020-1328	WH1283	0	0	0	5S	1.3	5S
1329	IPPSN2020-1329	BWL5179	10MS	0	0	10S	4.5	10S
1330	IPPSN2020-1330	BWL6851	5MR	5S	0	5S	3	5S
1331	IPPSN2020-1331	RAJ4564	10MS	0	40S	10S	14.5	40S

1332	IPPSN2020-1332	RAJ4565	20S	5MR	0	20S	10.5	20S
1333	IPPSN2020-1333	UASS300	10MS	0	0	0	2	10MS
1334	IPPSN2020-1334	UASS310	0	0	0	S	0	0
1335	IPPSN2020-1335	KRL210 ©	5MS	0	40S	10S	13.5	40S
1336	IPPSN2020-1336	KRL19 ©	10S	0	60S	5S	18.8	60S
1337	IPPSN2020-1337	CST-1	0	0	40S	-	13.3	4S
1338	IPPSN2020-1338	CST-2	0	0	0	-	0	0
1339	IPPSN2020-1339	CST-3	5MR	0	0	-	0.7	5MR
1340	IPPSN2020-1340	CST-4	0	0	0	-	0	0
1340A	INFECTOR		80S	40S	80S	-	66.7	80S
1341	IPPSN2020-1341	CST-5	10S	0	0	-	3.3	10S
1342	IPPSN2020-1342	CST-6	0	0	0	-	0	0
1343	IPPSN2020-1343	CST-7	0	0	20S	-	6.7	20S
1344	IPPSN2020-1344	CST-8	5MS	0	0	-	1.3	5MS
1345	IPPSN2020-1345	CST-9	40S	0	10S	-	16.7	40S
1346	IPPSN2020-1346	CST-10	0	0	0	-	0	0
1347	IPPSN2020-1347	CST-11	0	TMS	0	-	0.3	TMS
1348	IPPSN2020-1348	CST-12	0	TMR	0	-	0.1	TMR
1349	IPPSN2020-1349	CST-13	5MR	0	0	-	0.7	5MR
1350	IPPSN2020-1350	CST-14	0	0	0	-	0	0
1351	IPPSN2020-1351	CST-15	0	0	5S	-	1.7	5S
1352	IPPSN2020-1352	CST-16	5MR	0	0	-	0.7	5MR
1353	IPPSN2020-1353	CST-17	0	0	0	-	0	0
1354	IPPSN2020-1354	CST-18	10S	0	5S	-	5	10S
1355	IPPSN2020-1355	CST-19	0	0	0	-	0	0
1356	IPPSN2020-1356	CST-20	0	0	5S	-	1.7	5S
1357	IPPSN2020-1357	CST-21	0	0	5S	-	1.7	5S
1358	IPPSN2020-1358	CST-22	TR	0	0	-	0.1	TR
1359	IPPSN2020-1359	CST-23	0	0	0	-	0	0
1360	IPPSN2020-1360	CST-24	0	0	0	-	0	0
1360A	INFECTOR		80S	40S	80S	-	66.7	80S
1361	IPPSN2020-1361	CST-25	0	0	5S	-	1.7	5S
1362	IPPSN2020-1362	WSM 138	TR	0	0	-	0.1	TR

IPPSN 2020-21

Stripe rust

No.	Entry code	Entry	Gurdaspur	Dhaulakuan	Malan	Karnal	Durgapura	Ludhiana	Hisar	Jammu	Mean	HS
1	IPPSN2020-1	BWL7720	0	0	0	0	0	0	15S	TMS	2	15S
2	IPPSN2020-2	BWL7721	0	0	0	0	TMR	20MS	20S	5MS	5.1	20S
3	IPPSN2020-3	BWL7722	0	0	0	0	0	0	0	5S	0.6	5S
4	IPPSN2020-4	BWL7723	0	10S	0	0	0	0	0	TMS	1.4	10S
5	IPPSN2020-5	BWL7724	0	0	0	0	0	0	0	0	0	0
6	IPPSN2020-6	BWL7725	0	0	0	0	0	0	0	5MR	0.3	5MR
7	IPPSN2020-7	BWL7726	TR	0	0	0	0	TS	0	TR	0.2	TS
8	IPPSN2020-8	BWL7727	0	0	0	10S	0	5S	20S	10MS	5.4	20S
9	IPPSN2020-9	BWL7728	0	10S	0	10S	0	5MS	15S	TR	4.9	15S
10	IPPSN2020-10	BWL7729	TS	10S	0	0	TMR	20MS	20S	5S	6.6	20S
11	IPPSN2020-11	BWL7730	5S	0	0	0	5MS	20MS	30S	5S	7.5	30S
12	IPPSN2020-12	BWL7731	TS	0	0	0	5MS	20MS	20S	10MS	6.1	20S
13	IPPSN2020-13	BWL7732	TS	0	0	0	TMS	20MS	15S	TR	4.1	20MS
14	IPPSN2020-14	BWL7733	5S	0	0	0	0	10MS	20S	0	4.1	20S
15	IPPSN2020-15	BWL7734	0	0	0	0	0	5MS	15S	0	2.4	15S
16	IPPSN2020-16	BWL7735	0	0	0	0	0	0	30S	TR	3.8	30S
17	IPPSN2020-17	BWL7736	10S	0	0	40S	20S	40S	15S	10MS	16.6	40S
18	IPPSN2020-18	BWL7737	0	0	0	0	0	5S	15S	TR	2.5	15S
19	IPPSN2020-19	BWL7738	TS	0	0	0	0	20S	15S	TR	4.5	20S
20	IPPSN2020-20	BWL7739	TS	0	0	0	0	20S	15S	5S	5.1	20S
20A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
21	IPPSN2020-21	BWL7740	0	0	0	0	0	20S	10S	10S	5	20S
22	IPPSN2020-22	BWL7741	0	0	0	0	0	10S	15S	10MS	4.1	15S
23	IPPSN2020-23	BWL7742	0	0	0	5MR	5MR	10S	10S	0	3	10S
24	IPPSN2020-24	BWL7743	0	10S	0	5MR	10MS	20S	15S	5S	7.5	20S
25	IPPSN2020-25	BWL7744	0	0	0	0	5MR	10S	30S	0	5.3	30S
26	IPPSN2020-26	BWL7745	0	0	0	0	0	5S	30S	5MS	4.9	30S
27	IPPSN2020-27	BWL7746	0	0	0	10S	0	5S	20S	0	4.4	20S
28	IPPSN2020-28	BWL7747	TS	0	0	0	0	0	20S	TR	2.7	20S
29	IPPSN2020-29	BWL7748	10S	0	0	0	TR	60S	20S	0	11.3	60S
30	IPPSN2020-30	BWL7749	0	0	0	0	0	5S	15S	0	2.5	15S
31	IPPSN2020-31	BWL7750	0	0	0	0	0	0	15S	20MS	3.9	20MS
32	IPPSN2020-32	BWL7751	0	0	0	0	0	0	15S	0	1.9	15S
33	IPPSN2020-33	BWL7752	0	0	0	0	0	0	15S	0	1.9	15S
34	IPPSN2020-34	BWL7753	0	0	0	5MR	0	0	0	0	0.3	5MR
35	IPPSN2020-35	BWL7754	0	0	0	0	0	0	0	0	0	0
36	IPPSN2020-36	BWL7755	5MS	0	0	0	0	10S	15S	TR	3.7	15S
37	IPPSN2020-37	BWL7756	0	0	0	5MR	5MR	5MS	20S	0	3.5	20S
38	IPPSN2020-38	BWL7757	0	0	0	0	0	5S	15S	0	2.5	15S
39	IPPSN2020-39	BWL7758	0	0	0	0	0	0	20S	0	2.5	20S
40	IPPSN2020-40	BWL 7466	5S	10S	0	10S	40S	40S	30S	20S	19.4	40S
40A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
41	IPPSN2020-41	BWL 8231	0	0	0	0	0	0	30S	0	3.8	30S
42	IPPSN2020-42	BWL 8846	0	0	0	0	0	5MS	15S	0	2.4	15S
43	IPPSN2020-43	BWL 8878	5MS	0	0	10MS	TR	20S	20S	0	6.5	20S
44	IPPSN2020-44	BWL 8946	5S	0	0	5MR	0	5S	15S	0	3.4	15S
45	IPPSN2020-45	BWL 8965	20S	0	0	5MR	20S	40S	20S	0	12.8	40S
46	IPPSN2020-46	BWL 9042	0	0	0	0	0	0	15S	5MS	2.4	15S
47	IPPSN2020-47	BWL 9074	0	10S	0	0	0	10S	15S	TR	4.4	15S
48	IPPSN2020-48	BWL 9107	0	0	0	0	0	0	20S	TR	2.5	20S
49	IPPSN2020-49	BWL 9168	0	0	0	0	0	0	40S	TR	5	40S
50	IPPSN2020-50	BWL 9183	0	0	0	0	0	TR	20S	0	2.5	20S
51	IPPSN2020-51	BWL 9187	0	0	0	10S	0	5S	20S	0	4.4	20S
52	IPPSN2020-52	BWL 9228	0	0	0	0	0	0	15S	5S	2.5	15S
53	IPPSN2020-53	BWL 9242	0	0	0	0	0	0	20S	5S	3.1	20S
54	IPPSN2020-54	BWL 9244	0	0	0	0	0	0	20S	20S	5	20S
55	IPPSN2020-55	BWL 9264	0	0	0	0	0	0	40S	5MS	5.5	40S
56	IPPSN2020-56	BWL 9297	0	0	0	0	0	0	40S	5MS	5.5	40S
57	IPPSN2020-57	BWL 9304	0	0	0	0	0	0	40S	10MR	5.5	40S
58	IPPSN2020-58	BWL 9307	0	0	0	0	0	5S	20S	10MS	4.1	20S
59	IPPSN2020-59	BWL 9312	0	0	0	0	0	10S	40S	0	6.3	40S
60	IPPSN2020-60	BWL 9330	0	0	0	0	10S	0	20S	10MS	4.8	20S
60A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
61	IPPSN2020-61	BWL 9344	0	0	0	0	20MS	0	30S	5MS	6.3	30S
62	IPPSN2020-62	BWL 9421	0	0	0	0	0	0	20S	0	2.5	20S
63	IPPSN2020-63	BWL 9437	0	10S	0	0	0	0	40S	0	6.3	40S
64	IPPSN2020-64	BWL 9440	0	0	0	0	0	0	20S	TR	2.5	20S
65	IPPSN2020-65	BWL 9449	0	0	0	0	0	0	20S	0	2.5	20S
66	IPPSN2020-66	BWL 9453	0	0	0	0	0	0	20S	10MR	3	20S
67	IPPSN2020-67	BWL 9455	5MS	0	0	0	5MR	10MS	40S	10MR	7.3	40S
68	IPPSN2020-68	BWL 9461	0	0	0	0	0	0	40S	0	5	40S
69	IPPSN2020-69	BWL 9472	5MS	0	0	5MR	0	10S	15S	5MS	4.4	15S
70	IPPSN2020-70	BWL 9499	10S	10S	0	5S	0	40S	15S	5S	10.6	40S
71	IPPSN2020-71	BWL 9505	10S	10S	0	5S	10MS	40S	20S	20S	14.1	40S
72	IPPSN2020-72	BWL 9508	0	0	0	0	10MR	0	15S	0	2.4	15S

73	IPPSN2020-73	BWL 9509	0	0	0	0	0	0	15S	10MR	2.4	15S
74	IPPSN2020-74	BWL 9512	0	0	0	0	0	10S	30S	5S	5.6	30S
75	IPPSN2020-75	BWL 9520	0	0	0	0	0	5MS	30S	5S	4.9	30S
76	IPPSN2020-76	BWL 9525	0	0	0	0	0	10S	30S	0	5	30S
77	IPPSN2020-77	BWL 9749	20S	0	0	5MR	10S	40S	30S	0	12.8	40S
78	IPPSN2020-78	BWL 9752	20S	0	0	5MR	0	20S	30S	5S	9.6	30S
79	IPPSN2020-79	BWL 9755	TS	0	10MS	5MR	5MR	20S	30S	5S	8.5	30S
80	IPPSN2020-80	BWL 9758	5MS	0	0	10MR	5R	20S	30S	0	7.4	30S
80A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
81	IPPSN2020-81	BWL 9762	20S	20S	0	20S	40S	40S	30S	10MS	22.3	40S
82	IPPSN2020-82	BWL 9799	5S	0	0	0	TR	TS	20S	5MS	3.8	20S
83	IPPSN2020-83	BWL 9800	5S	0	0	10S	5MR	20S	20S	0	7.1	20S
84	IPPSN2020-84	BWL 9805	20S	0	10MS	10S	20S	40S	30S	0	16	40S
85	IPPSN2020-85	BWL 9851	5MS	0	0	5S	0	0	30S	0	4.9	30S
86	IPPSN2020-86	BWL 9869	40S	0	0	5MR	20S	20S	40S	0	15.3	40S
87	IPPSN2020-87	BWL 9889	5MS	0	0	5MR	0	10S	40S	0	7	40S
88	IPPSN2020-88	BWL 9914	40S	0	0	5MR	40S	40S	60S	TR	22.8	60S
89	IPPSN2020-89	BWL 9915	40S	0	0	5MR	40S	40S	30S	TR	19	40S
90	IPPSN2020-90	BWL 9916	60S	10S	0	5S	40S	40S	60S	40S	31.9	60S
91	IPPSN2020-91	BWL 9921	0	5S	0	0	0	0	40S	5MS	6.1	40S
92	IPPSN2020-92	BWL 9922	0	0	0	0	0	0	40S	5MS	5.5	40S
93	IPPSN2020-93	BWL 9923	TS	0	0	0	TMR	10S	40S	0	6.4	40S
94	IPPSN2020-94	BWL 9924	5S	10S	0	5S	0	20S	40S	0	10	40S
95	IPPSN2020-95	BWL 9925	10S	10S	0	5MR	0	40S	40S	0	12.8	40S
96	IPPSN2020-96	BWL 9926	0	0	0	0	TMS	0	15S	TR	2	15S
97	IPPSN2020-97	BWL 9927	10S	0	0	0	0	0	15S	TR	3.2	15S
98	IPPSN2020-98	BWL 9928	10S	10S	0	5MR	0	40S	20S	TS	10.4	20S
99	IPPSN2020-99	BWL 9929	5S	0	0	0	0	0	20S	0	3.1	20S
100	IPPSN2020-100	BWL 9930	5MS	0	0	5MR	0	20MS	20S	0	5.3	20S
100A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
101	IPPSN2020-101	BWL 9931	5MS	0	0	0	0	0	20S	5MS	3.5	20S
102	IPPSN2020-102	BWL 9932	TMS	0	0	0	0	10S	20S	5MS	4.4	20S
103	IPPSN2020-103	BWL 9933	10S	0	0	5S	10MR	20S	20S	0	7.4	20S
104	IPPSN2020-104	BWL 9934	TR	0	0	0	0	0	30S	TR	3.8	30S
105	IPPSN2020-105	BWL 9935	0	0	0	0	0	0	20S	TR	2.5	20S
106	IPPSN2020-106	BWL 9936	10S	0	0	5MS	0	40S	30S	0	10.5	40S
107	IPPSN2020-107	BWL 9937	0	0	0	0	0	0	20S	0	2.5	20S
108	IPPSN2020-108	BWL 9938	10S	0	10MS	10S	40S	40S	20S	0	16	40S
109	IPPSN2020-109	BWL 9939	TS	0	0	10S	0	10S	20S	0	5.1	20S
110	IPPSN2020-110	BWL 9940	TR	0	0	5MR	0	10S	20S	0	4	20S
111	IPPSN2020-111	BWL 9941	20S	0	20MS	5S	20S	20S	30S	TR	13.9	30S
112	IPPSN2020-112	BWL 9942	5MS	0	10MS	10S	0	10S	20S	TR	6.5	20S
113	IPPSN2020-113	BWL 9945	20S	0	10MS	5MR	40MS	40S	20S	10MS	16.3	40S
114	IPPSN2020-114	BWL 9946	10S	0	5MS	0	0	40S	60S	10S	15.5	60S
115	IPPSN2020-115	BWL 9948	10S	0	0	0	10MR	40S	20S	5MS	9.8	40S
116	IPPSN2020-116	BWL 9949	5MS	0	0	5S	20S	20MS	15S	20S	10	20S
117	IPPSN2020-117	BWL 9951	40MS	0	0	5S	40S	40S	60S	5S	22.8	60S
118	IPPSN2020-118	BWL 9954	40S	10S	5MS	10S	20S	40S	40S	20S	23	40S
119	IPPSN2020-119	BWL 9958	0	10S	10MS	5S	0	0	20S	0	5.4	20S
120	IPPSN2020-120	BWL 9960	0	10S	0	0	20MR	10S	20S	10MS	7	20S
120A	INFECTOR		80S	20S	40S	60S	80S	80S	80S	60S	65	80S
121	IPPSN2020-121	BWL 9962	0	0	0	0	10MR	0	15S	5S	3	15S
122	IPPSN2020-122	BWL 9965	0	0	0	0	0	0	15S	10MS	2.9	15S
123	IPPSN2020-123	BWL 9966	0	0	0	0	5MR	5S	15S	5S	3.4	15S
124	IPPSN2020-124	BWL9967	5MS	0	0	0	5MR	10S	15S	0	3.9	15S
125	IPPSN2020-125	BWL9968	0	0	0	0	0	0	0	0	0	0
126	IPPSN2020-126	BWL9969	10MS	0	0	10S	20S	10S	0	5MS	6.5	20
127	IPPSN2020-127	BWL9970	5S	0	0	5S	40S	20S	30S	40S	17.5	40S
128	IPPSN2020-128	BWL9971	0	0	0	0	5MR	0	20S	5MS	3.3	20S
129	IPPSN2020-129	BWL9972	10S	0	0	0	0	10S	20S	0	5	20S
130	IPPSN2020-130	BWL9973	5S	0	0	TMS	0	10S	20S	10MS	5.5	20S
131	IPPSN2020-131	BWL9974	0	10S	0	0	0	10S	30S	10S	7.5	30S
132	IPPSN2020-132	BWL9975	10MS	0	0	0	0	10S	30S	0	6	30S
133	IPPSN2020-133	BWL9976	0	10S	0	0	0	5S	20S	5S	5	20S
134	IPPSN2020-134	BWL9977	0	0	0	0	0	5S	20S	10MS	4.1	20S
135	IPPSN2020-135	BWL9978	5MS	20S	0	TMR	0	10S	20S	0	6.8	20S
136	IPPSN2020-136	BWL9979	TS	0	0	0	0	TS	15S	0	2.1	15S
137	IPPSN2020-137	WG2107	5S	0	0	0	0	5S	20S	0	3.8	20S
138	IPPSN2020-138	WG2112	20S	10S	0	10S	0	20S	30S	10S	12.5	30S
139	IPPSN2020-139	WG2113	0	0	0	5MR	0	0	20S	0	2.8	20S
140	IPPSN2020-140	WG2115	0	0	0	0	0	0	20S	0	2.5	20S
140A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
141	IPPSN2020-141	WG2120	20S	20S	0	20S	5S	10S	15S	5S	11.9	20S
142	IPPSN2020-142	WG2121	0	0	0	0	5MS	5S	15S	5S	3.6	15S
143	IPPSN2020-143	WG2130	5MS	0	0	5MR	0	5S	20S	5S	4.5	20S
144	IPPSN2020-144	WG2133	5S	0	0	10S	0	20S	60S	TR	11.9	60S
145	IPPSN2020-145	WG2152	40S	20S	0	20S	20S	40S	20S	10MS	21	40S
146	IPPSN2020-146	WG2157	5MR	10S	0	10MR	5MR	5MS	20S	0	5.3	20S
147	IPPSN2020-147	WG2173	10MS	10S	0	10MR	TR	10S	40S	0	9	40S

148	IPPSN2020-148	WG2176	5MR	0	0	0	5S	10S	40S	10S	8.4	40S
149	IPPSN2020-149	WG2194	40S	20S	0	0	10MS	40S	20S	10MS	17	40S
150	IPPSN2020-150	WG2195	0	0	0	0	0	0	20S	5MR	2.8	20S
151	IPPSN2020-151	WG2205	0	0	0	0	0	0	20S	0	2.5	20S
152	IPPSN2020-152	WG2206	10S	0	10MS	0	5MS	10S	20S	0	6.5	20S
153	IPPSN2020-153	WG2207	0	0	0	0	0	0	60S	0	7.5	60S
154	IPPSN2020-154	WG2220	10S	10S	10MS	10S	TMR	5S	60S	TR	13	60S
155	IPPSN2020-155	WG2233	5MS	10S	10MS	10S	0	10S	20S	5MS	8.3	20S
156	IPPSN2020-156	WG2248	10S	0	10MS	10S	TMR	5S	60S	10S	12.9	60S
157	IPPSN2020-157	WG2251	40S	10S	10MS	5MR	TR	10S	20S	0	11.3	40S
158	IPPSN2020-158	WG2296	5MS	0	0	0	TMR	5MS	20S	0	3.6	20S
159	IPPSN2020-159	WG2297	10MS	0	0	0	TMR	5S	20S	0	4.2	20S
160	IPPSN2020-160	DWG2339	0	0	0	5MR	0	0	20S	0	2.8	20S
160A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
161	IPPSN2020-161	DWG2352	0	0	0	0	0	0	10S	TR	1.3	10S
162	IPPSN2020-162	DWG2358	0	0	0	0	0	0	10S	TR	1.3	10S
163	IPPSN2020-163	DW574	5MR	0	0	0	0	0	60S	TR	7.8	60S*
164	IPPSN2020-164	DW575	0	0	0	0	TMR	0	60S	TMS	7.7	60S*
165	IPPSN2020-165	DW576	5MR	0	0	0	TR	5MS	20S	TMS	3.4	20S
166	IPPSN2020-166	DW577	0	0	0	0	5R	0	40S	0	5.1	40S
167	IPPSN2020-167	DW578	0	0	0	0	0	0	20S	10MS	3.5	20S
168	IPPSN2020-168	DW579	5MR	0	0	0	0	0	15S	5S	2.8	15S
169	IPPSN2020-169	DW580	0	0	0	0	0	0	15S	5MS	2.4	15S
170	IPPSN2020-170	DW581	0	0	40S	10MS	5R	0	15S	5MS	8.5	40S
171	IPPSN2020-171	SKW-361	0	10S	0	0	0	0	40S	0	6.3	40S
172	IPPSN2020-172	SKW-362	5MS	0	10MS	5S	TR	5S	15S	0	4.7	15S
173	IPPSN2020-173	SKW-363	5S	0	40S	5MR	5MS	5S	60S	5S	15.1	60S
174	IPPSN2020-174	SKW-364	5MS	0	10MS	10S	5MR	5S	60S	5MS	11.6	60S
175	IPPSN2020-175	SKW-365	5MS	0	10MS	10MS	10MR	TR	TS	5MS	3.7	10MS
176	IPPSN2020-176	NWS2214	5MS	0	0	5MR	0	5MS	20S	5MS	4.3	20S
177	IPPSN2020-177	NWS2222	60S	0	0	20S	20S	40S	60S	5MS	25.5	60S
178	IPPSN2020-178	VA 2019-14	60S	10S	10MS	40s	40S	20S	80S	5R	32.4	80S
179	IPPSN2020-179	VA 2019-06	60S	60S	40S	40S	60S	40S	80S	60S	55	80S
180	IPPSN2020-180	VA 2019-03	60S	40S	10MS	60S	60S	60S	80S	40S	51	80S
180A	INFECTOR		80S	60S	40S	60S	80S	80S	100S	60S	70	100S
181	IPPSN2020-181	VA 2019-15	40S	10S	0	20MS	10S	40S	30S	20S	20.8	40S
182	IPPSN2020-182	VA 2019-02	60S	0	10MS	20S	20S	60S	40S	TR	26	60S
183	IPPSN2020-183	VA 2019-10	60S	20S	10MS	40S	60S	60S	40S	60S	43.5	60S
184	IPPSN2020-184	VA 2019-31	60S	20S	0	40S	60S	60S	60S	60S	45	60S
185	IPPSN2020-185	VA 2019-09	60S	20S	5MS	60S	80S	60S	60S	60S	50.5	60S
186	IPPSN2020-186	VA 2019-37	40S	20S	10MS	40S	60S	60S	40S	40S	38.5	60S
187	IPPSN2020-187	VA 2019-34	60S	40S	20MS	40S	40S	60S	30S	60S	43.3	60S
188	IPPSN2020-188	VA 2019-28	60S	20S	20MS	60S	60S	60S	60S	60S	49.5	60S
189	IPPSN2020-189	VA 2019-22	10MS	0	40S	20MS	40S	20S	40S	20MS	22.5	40S
190	IPPSN2020-190	VA 2019-24	60S	20S	20MS	40S	80S	40S	80S	40S	47	80S
191	IPPSN2020-191	VA 2019-21	20S	5S	10MS	10MR	20S	40S	15S	40S	19	40S
192	IPPSN2020-192	VA 2019-17	40S	10S	10MS	20S	40S	40S	20S	40S	27.3	40S
193	IPPSN2020-193	VA 2019-20	40S	5S	20MS	20S	40S	40S	60S	40S	32.6	60S
194	IPPSN2020-194	VA 2019-23	60S	10S	40S	20S	20S	10S	60S	40S	32.5	60S
195	IPPSN2020-195	VA 2019-16	60S	10S	20MS	40S	40S	40S	30S	40S	34.5	60S
196	IPPSN2020-196	VD 2019-2	5MS	0	10MS	20S	20MS	10MS	20S	20S	12	20S
197	IPPSN2020-197	VD 2019-4	5MR	0	0	10S	TMR	TS	40S	TR	6.7	40S
198	IPPSN2020-198	VD 2019-5	5MR	0	0	5MR	5MR	0	40S	5MS	6.3	40S
199	IPPSN2020-199	VD 2019-3	5MR	0	0	5S	5MS	5S	15S	5MS	4.4	15S
200	IPPSN2020-200	VD 2019-8	0	0	0	0	0	0	15S	0	1.9	15S
200A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
201	IPPSN2020-201	VD 2019-1	5MS	0	10MS	10MR	10MR	5MS	60S	0	10.5	60S*
202	IPPSN2020-202	J 19-35	60S	10S	10MS	20S	40S	40S	40S	20S	29.8	60S
203	IPPSN2020-203	J 19-36	60S	0	0	20MS	20MS	40S	20S	20S	21.5	60S
204	IPPSN2020-204	J 19-29	60S	0	10MS	20S	20MS	60S	40S	20S	28	60S
205	IPPSN2020-205	J 19-20	80S	20S	20MS	40S	40S	60S	60S	40S	44.5	80S
206	IPPSN2020-206	J 19-19	80S	20S	40S	40S	40S	60S	40S	40S	45	80S
207	IPPSN2020-207	J 19-33	80S	20S	10MS	20S	60S	40S	40S	40S	38.5	80S
208	IPPSN2020-208	J 19-03	20S	5S	10MS	20S	20S	40S	20S	20S	19.1	40S
209	IPPSN2020-209	JD 19-08	5MR	0	0	0	20S	5MS	40S	0	8.3	40S
210	IPPSN2020-210	GW 1353	60S	40S	40S	40S	60S	20S	80S	60S	50	80S
211	IPPSN2020-211	DR-19-28	60S	40S	10MS	40S	40S	40S	80S	40S	43.5	80S
212	IPPSN2020-212	DR-19-38	60S	0	40S	40S	80S	40S	40S	20S	40	60S
213	IPPSN2020-213	IPPSN-21-01	5MS	10S	5MS	10MS	5MR	5S	15S	5MS	6.5	15S
214	IPPSN2020-214	IPPSN-21-02	0	0	10MS	0	0	0	15S	5MS	3.4	15S
215	IPPSN2020-215	IPPSN-21-03	20S	40S	20MS	5MR	40S	20S	30S	20S	23.5	40S
216	IPPSN2020-216	IPPSN-21-04	0	0	40S	10S	5R	0	15S	0	8.3	40S
217	IPPSN2020-217	IPPSN-21-05	5MS	0	40S	5MR	5R	10MS	15S	5S	9.4	40S
218	IPPSN2020-218	IPPSN-21-06	5MS	0	0	0	0	0	15S	0	2.4	15S
219	IPPSN2020-219	IPPSN-21-07	40S	20S	5MS	20S	20S	40S	20S	10MS	21.5	40S
220	IPPSN2020-220	IPPSN-21-08	60S	60S	60S	60S	80S	60S	80S	60S	65	80S
220A	INFECTOR		80S	40S	60S	60S	80S	80S	100S	80S	72.5	80S
221	IPPSN2020-221	IPPSN-21-09	60S	40S	40S	40S	40S	40S	20S	20S	37.5	60S
222	IPPSN2020-222	IPPSN-21-10	0	0	0	10MS	0	5S	15S	0	3.5	15S

223	IPPSN2020-223	IPPSN-21-11	60S	40S	10MS	60S	40S	40S	30S	20MS	36.8	60S
224	IPPSN2020-224	IPPSN-21-12	60S	20S	10MS	40S	40S	40S	30S	40S	34.8	60S
225	IPPSN2020-225	IPPSN-21-13	20MS	0	0	10S	10S	5MS	15S	0	6.9	20S
226	IPPSN2020-226	IPPSN-21-14	TS	0	0	0	0	0	15S	0	2	15S
227	IPPSN2020-227	IPPSN-21-15	20MS	0	0	10MS	10MR	TS	15S	0	5.5	20MS
228	IPPSN2020-228	IPPSN-21-16	5MS	0	0	10S	5R	TS	20S	0	4.5	20S
229	IPPSN2020-229	IPPSN-21-17	60S	40S	0	40S	40S	40S	15S	40S	34.4	60S
230	IPPSN2020-230	IPPSN-21-18	40S	20S	20MS	40S	20S	20S	40S	40S	29.5	40S
231	IPPSN2020-231	IPPSN-21-19	60S	10S	20MS	20S	20S	20S	20S	5MS	21.3	60S
232	IPPSN2020-232	IPPSN-21-20	60S	60S	40S	60S	60S	40S	30S	60S	51.3	60S
233	IPPSN2020-233	IPPSN-21-21	10MS	40S	20MS	40S	40S	10MS	60S	60S	34	60S
234	IPPSN2020-234	IPPSN-21-22	0	0	0	5MR	TR	0	30S	0	4	30S
235	IPPSN2020-235	IPPSN-21-23	0	0	0	5MR	TR	0	20S	0	2.8	20S
236	IPPSN2020-236	IPPSN-21-24	0	0	0	5S	0	0	15S	0	2.5	15S
237	IPPSN2020-237	IPPSN-21-25	60S	60S	40S	40S	60S	40S	10S	60S	46.3	60S
238	IPPSN2020-238	IPPSN-21-26	60S	60S	20MS	60S	80S	40S	60S	40S	52	80S
239	IPPSN2020-239	IPPSN-21-27	80S	60S	20MS	60S	80S	40S	80S	60S	59.5	80S
240	IPPSN2020-240	IPPSN-21-28	5MS	0	10MS	10MR	10S	TR	80S	10S	14.5	80S
240A	INFECTOR		80S	40S	40S	60S	80S	80S	100S	80S	70	100S
241	IPPSN2020-241	IPPSN-21-29	60S	40S	20MS	60S	60S	40S	20S	0	37	60S
242	IPPSN2020-242	IPPSN-21-30	40S	0	10MS	20MR	20S	40S	20S	0	17	40S
243	IPPSN2020-243	KA 2001	0	10S	5MS	5MR	TMR	0	30S	60S	13.3	60S
244	IPPSN2020-244	KA 2002	80S	60S	80S	40S	80S	60S	30S	5MS	54.3	80S
245	IPPSN2020-245	KA 2003	20MS	10S	5MS	40S	10S	5S	20S	40S	18.1	40S
246	IPPSN2020-246	KA 2004	60S	40S	40S	60S	40S	40S	60S	40S	47.5	60S
247	IPPSN2020-247	KA 2005	60S	40S	20MS	60S	40S	40S	30S	40S	40.8	60S
248	IPPSN2020-248	KA 2006	60S	20S	20MS	60S	40S	40S	60S	40S	42	60S
249	IPPSN2020-249	KA 2007	60S	60S	60S	60S	60S	40S	40S	20S	50	60S
250	IPPSN2020-250	KA 2008	20MS	20S	40S	20S	20S	10S	60S	40S	28.3	60S
251	IPPSN2020-251	KA 2009	60S	40S	40S	60S	60S	60S	60S	20MS	49.5	60S
252	IPPSN2020-252	KA 2010	20S	20S	20MS	60S	20S	20S	60S	20S	29.5	60S
253	IPPSN2020-253	KA 2011	60S	20S	20MS	40S	20S	40S	40S	10MS	30.5	60S
254	IPPSN2020-254	KA 2012	60S	40S	20MS	60S	40S	40S	60S	40S	44.5	60S
255	IPPSN2020-255	KA 2013	80S	40S	40S	60S	60S	60S	40S	20S	50	80S
256	IPPSN2020-256	KA 2014	60S	40S	10MS	60S	60S	40S	60S	10S	42.3	60S
257	IPPSN2020-257	KA 2015	60S	10S	10MS	60S	10MS	40S	30S	40S	32	60S
258	IPPSN2020-258	KA 2016	60S	10S	10MS	40S	40S	40S	60S	0	32.3	60S
259	IPPSN2020-259	KA 2017	5MS	0	0	20MR	10S	5MS	60S	40S	15.8	60S
260	IPPSN2020-260	KA 2018	40S	10S	0	40S	20S	40S	15S	60S	28.1	60S
260A	INFECTOR		60S	60S	60S	60S	80S	80S	100S	80S	72.5	100S
261	IPPSN2020-261	KA 2019	20S	0	0	10S	10MS	40S	20S	20S	14.8	40S
262	IPPSN2020-262	KA 2020	40S	0	0	40S	20S	40S	20S	20MS	22	40S
263	IPPSN2020-263	KA 2021	60S	10S	0	60S	40S	40S	30S	40S	35	60S
264	IPPSN2020-264	KA 2022	40S	20S	20MS	60S	60S	40S	40S	40S	39.5	60S
265	IPPSN2020-265	KA 2023	40S	20S	20MS	20S	60S	40S	60S	40S	37	60S
266	IPPSN2020-266	KA 2024	40S	0	0	20S	10MS	10S	40S	5MS	15.3	40S
267	IPPSN2020-267	KA 2025	20S	10S	10MS	20S	TR	20S	20S	10MS	13.3	20S
268	IPPSN2020-268	KA 2026	40S	10S	0	40S	40S	20S	40S	10S	25	40S
269	IPPSN2020-269	KA 2027	20MS	10S	0	10S	10MR	5S	20S	10S	9.4	20S
270	IPPSN2020-270	KA 2028	60S	5S	0	40S	20S	40S	60S	TMS	28.2	60S
271	IPPSN2020-271	KA 2029	60S	10S	10MS	60S	80S	40S	60S	20S	42.3	80S
272	IPPSN2020-272	KA 2030	20S	0	5MS	10MR	20S	20S	20S	5MR	11.3	20S
273	IPPSN2020-273	KA 2031	40S	10S	5MS	20S	20S	20S	30S	5MS	18.5	40S
274	IPPSN2020-274	KA 2032	60S	10S	20MS	40S	40S	40S	60S	10S	34.5	60S
275	IPPSN2020-275	KA 2033	60S	5S	10MS	40S	60S	40S	60S	20S	36.6	60S
276	IPPSN2020-276	KA 2034	60S	0	0	40S	60S	40S	60S	5S	33.1	60S
277	IPPSN2020-277	KA 2035	60S	10S	10MS	40S	40S	60S	60S	10MS	35.8	60S
278	IPPSN2020-278	KA 2036	40S	20S	10MS	40S	60S	40S	60S	10S	34.8	60S
279	IPPSN2020-279	KA 2037	60S	10S	10MS	60S	40S	60S	30S	TR	33.5	60S
280	IPPSN2020-280	KA 2038	60S	10S	10MS	60S	60S	60S	30S	TR	36	60S
280A	INFECTOR		80S	40S	60S	60S	80S	80S	100S	60S	70	100S
281	IPPSN2020-281	KA 2039	60S	20S	20MS	60S	80S	40S	60S	20MS	44	60S
282	IPPSN2020-282	KA 2040	60S	10S	20MS	60S	60S	40S	20S	20S	35.8	60S
283	IPPSN2020-283	KA 2041	40S	20S	40S	40S	20MS	20S	40S	20S	29.5	40S
284	IPPSN2020-284	KA 2042	60S	10S	20MS	60S	40S	40S	60S	40S	40.8	60S
285	IPPSN2020-285	KA 2043	60S	10S	20MS	40S	60S	40S	40S	10S	34.5	60S
286	IPPSN2020-286	KA 2044	40S	0	5MS	40S	10S	40S	60S	TR	24.3	60S
287	IPPSN2020-287	KA 2045	40S	20S	40S	40S	60S	40S	60S	5MS	38	60S
288	IPPSN2020-288	AAI-W43	40S	10S	10MS	20S	80S	40S	80S	5MS	35.3	80S
289	IPPSN2020-289	AAI-W49	20S	0	20MS	20MS	TR	20S	40S	TR	14.1	40S
290	IPPSN2020-290	AAI-W52	60S	20S	40S	60S	80S	60S	60S	60S	55	80S
291	IPPSN2020-291	AAI-W47	60S	60S	40S	60S	80S	40S	60S	60S	57.5	80S
292	IPPSN2020-292	AAI-W42 (KSM)	10S	10S	10MS	0	0	5MS	40S	5MS	9.5	40S
293	IPPSN2020-293	JKW 290	60S	20S	20MS	60S	40S	60S	60S	20S	42	60S
294	IPPSN2020-294	JKW 291	60S	20S	40S	60S	60S	40S	40S	20S	42.5	60S
295	IPPSN2020-295	JKW 292	60S	10S	20MS	60S	40S	40S	30S	40S	37	60S
296	IPPSN2020-296	JKW 293	5S	0	0	5MR	0	10MS	15S	TR	3.8	15S
297	IPPSN2020-297	JKW 294	60S	0	0	60S	40S	60S	40S	10S	33.8	60S

298	IPPSN2020-298	JKW 295	10MS	10S	0	10MR	10MR	40S	20S	TR	10.8	40S
299	IPPSN2020-299	JKW 296	10MS	10S	5MS	5MR	0	5S	20S	TS	6.3	20S
300	IPPSN2020-300	JKW 297	20S	0	0	20S	20S	40S	30S	5MS	16.8	40S
300A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
301	IPPSN2020-301	JKW 298	10S	10S	10MS	10MS	20MS	40S	30S	TS	15.4	40S
302	IPPSN2020-302	JKW 299	40S	10S	20MS	20S	20S	40S	15S	20MS	22.1	40S
303	IPPSN2020-303	JAUW 695	TS	0	5MS	0	TMR	10S	15S	TS	3.9	15S
304	IPPSN2020-304	JAUW 696	60S	10S	40S	40S	10S	40S	15S	0	26.9	60S
305	IPPSN2020-305	JAUW 697	10MS	5S	10MS	20MS	0	10S	20S	0	8.4	20S
306	IPPSN2020-306	JAUW 698	20S	0	40S	5MR	20S	40S	15S	0	17.1	40S
307	IPPSN2020-307	JAUW 699	5S	10S	40S	0	10S	20S	15S	0	12.5	40S
308	IPPSN2020-308	JAUW 700	40S	10S	40S	20S	10S	40S	5S	0	20.6	40S
309	IPPSN2020-309	JAUW 701	10MS	10S	10MS	5MR	0	20S	0	TR	6	20S
310	IPPSN2020-310	JAUW 702	5S	10S	10S	10MS	0	10S	10S	TR	6.7	10S
311	IPPSN2020-311	JAUW 703	TS	20S	5MS	5MR	0	5S	10S	0	5.3	20S
312	IPPSN2020-312	JAUW 704	TS	0	0	0	0	10S	15S	0	3.3	15S
313	IPPSN2020-313	BRW 3903	40S	10S	0	60S	40S	60S	15S	40S	33.1	60S
314	IPPSN2020-314	BRW 3904	60S	60S	40S	60S	60S	60S	15S	60S	51.9	60S
315	IPPSN2020-315	BRW 3905	60S	10S	40S	60S	20S	60S	30S	20S	37.5	60S
316	IPPSN2020-316	BRW 3906	60S	40S	10MS	60S	40S	60S	15S	20S	37.9	60S
317	IPPSN2020-317	BRW 3907	60S	60S	20MS	60S	60S	60S	15S	60S	48.9	60S
318	IPPSN2020-318	BRW 3908	60S	40S	20MS	60S	60S	60S	30S	60S	48.3	60S
319	IPPSN2020-319	BRW 3909	40S	40S	10MS	60S	40S	40S	60S	20S	38.5	60S
320	IPPSN2020-320	BRW 3910	40S	0	5MS	20S	10S	40S	60S	0	21.8	60S
320A	INFECTOR		80S	60S	40S	60S	80S	80S	100S	60S	70	100S
321	IPPSN2020-321	BRW 3911	10S	NG	5S	60S	40S	60S	20S	20S	30.7	60S
322	IPPSN2020-322	BRW 3912	20S	20S	0	60S	20S	40S	20S	20S	25	60S
323	IPPSN2020-323	BRW 3913	40S	40S	10MS	60S	20S	40S	40S	40S	36	60S
324	IPPSN2020-324	BRW 3914	40S	10S	0	60S	20S	40S	20S	40S	28.8	60S
325	IPPSN2020-325	BRW 3915	40S	5S	0	60S	40S	40S	15S	40S	30	60S
326	IPPSN2020-326	BRW 3916	60S	60S	0	60S	80S	40S	60S	60S	52.5	60S
327	IPPSN2020-327	BRW 3917	60S	10S	40S	60S	40S	60S	40S	60S	46.3	60S
328	IPPSN2020-328	BRW 3918	60S	20S	20MS	60S	40S	40S	15S	40S	36.4	60S
329	IPPSN2020-329	BRW 3919	40S	10S	10MS	60S	40S	40S	60S	40S	37.3	60S
330	IPPSN2020-330	BRW 3920	40S	20S	0	60S	60S	40S	60S	40S	40	60S
331	IPPSN2020-331	BRW 3921	10S	10S	0	10S	TMR	40S	15S	10MS	11.7	40S
332	IPPSN2020-332	BRW 3922	10S	10S	0	60S	0	40S	40S	TR	20	60S
333	IPPSN2020-333	BRW 3923	20S	10S	20MS	20S	20S	40S	15S	TR	17.7	40S
334	IPPSN2020-334	BRW 3924	10S	10S	10MS	40S	20S	40S	15S	0	17.9	40S
335	IPPSN2020-335	BRW 3925	40S	5S	20MS	20S	40S	40S	20S	0	22.6	40S
336	IPPSN2020-336	BRW 3926	40S	10S	5MS	20S	10S	40S	30S	TR	19.3	40S
337	IPPSN2020-337	BRW 3927	40S	20S	10MS	40S	40S	40S	40S	20S	31	40S
338	IPPSN2020-338	LOK 2020- 1	60S	40S	40S	60S	40S	40S	60S	40S	47.5	60S
339	IPPSN2020-339	LOK 2020- 2	40S	20S	20MS	40S	20S	40S	15S	5MS	24.4	40S
340	IPPSN2020-340	LOK 2020- 3	80S	20S	40S	60S	80S	60S	60S	20S	52.5	80S
340A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	80S	70	80S
341	IPPSN2020-341	LOK 2020- 4	80S	40S	40S	60S	80S	40S	30S	40S	51.3	80S
342	IPPSN2020-342	LOK 2020- 5	20MS	20S	20MS	40S	20S	10MS	20S	20S	20	40S
343	IPPSN2020-343	VW2001	10S	0	0	10MS	0	40S	15S	TR	9.2	40S
344	IPPSN2020-344	VW2002	10S	5S	10MS	5MR	5MR	40S	15S	0	10.3	40S
345	IPPSN2020-345	VW2003	20S	10S	20MS	20MS	20MS	10S	30S	0	14.8	30S
346	IPPSN2020-346	VW2004	5S	0	10MS	5MR	5MS	40S	30S	0	11.1	40S
347	IPPSN2020-347	VW2005	10S	0	10MS	10MS	10S	20S	20S	10MS	10.5	20S
348	IPPSN2020-348	VW2006	10MS	0	0	10S	10MR	10S	20S	0	6.5	20S
349	IPPSN2020-349	VW2007	10S	0	0	20S	TR	60S	15S	0	13.2	60S
350	IPPSN2020-350	VW2008	10S	0	10MS	10MS	0	20S	15S	0	7.6	20S
351	IPPSN2020-351	VW2009	5S	0	0	5MR	0	40S	15S	0	7.8	40S
352	IPPSN2020-352	VW2011	TS	0	0	10MR	0	40S	15S	TR	7.5	40S
353	IPPSN2020-353	VW2012	20S	0	0	20MR	10MS	10S	20S	5MS	8.8	20S
354	IPPSN2020-354	VW2014	10S	0	0	0	0	0	15S	TR	3.2	15S
355	IPPSN2020-355	VW2015	TS	0	0	TMR	0	20S	15S	TR	4.6	20S
356	IPPSN2020-356	VW2016	10S	0	0	10MS	TR	20S	20S	TR	7.3	20S
357	IPPSN2020-357	VW2017	10MS	10S	10MS	20MS	0	0	15S	TR	7.2	20MS
358	IPPSN2020-358	VW2018	5MS	0	0	TMR	0	20MS	15S	TR	4.5	20MS
359	IPPSN2020-359	VW2020	5MS	0	10MS	10MR	0	20MS	15S	0	5.9	20MS
360	IPPSN2020-360	VW2021	5MS	0	0	20MS	TR	5MS	10S	0	4.3	20MS
360A	INFECTOR		80S	40S	40S	60S	40S	80S	80S	60S	60	80S
361	IPPSN2020-361	VW2022	0	0	10MS	0	5R	0	15S	TR	3	15S
362	IPPSN2020-362	VW2023	10MS	0	0	10S	10S	20S	15S	TR	7.9	20S
363	IPPSN2020-363	VW2024	TS	0	0	0	0	10MS	15S	5MS	3.5	15S
364	IPPSN2020-364	VW2025	5MS	10S	0	0	0	20MS	20S	5MS	6.8	20S
365	IPPSN2020-365	VW2026	5MS	0	5MS	5MR	5S	20MS	30S	0	7.6	30S
366	IPPSN2020-366	VW2027	5S	0	0	5MS	TMS	5MS	20S	0	4.2	30S
367	IPPSN2020-367	VW2028	20S	0	0	5MR	TS	40S	20S	10S	11.6	40S
368	IPPSN2020-368	VW2030	5S	0	0	5MR	0	10MS	30S	0	5.6	30S
369	IPPSN2020-369	VW2031	0	0	0	0	0	5MS	20S	0	3	20S
370	IPPSN2020-370	VW2032	5MS	0	0	0	0	10MS	20S	0	4	20S
371	IPPSN2020-371	VW2033	10S	0	10MS	TMR	5MR	40S	15S	0	9.4	15S
372	IPPSN2020-372	VW2034	20S	0	0	20S	10MS	40S	15S	20S	15.4	20S

373	IPPSN2020-373	VW2035	20S	0	10MS	TMR	20S	40S	30S	5MR	15.1	40S
374	IPPSN2020-374	VW2036	5S	0	0	0	0	10S	30S	5MR	5.9	30S
375	IPPSN2020-375	VW2038	0	5S	0	0	0	0	20S	5S	3.8	20S
376	IPPSN2020-376	VW2040	40S	10S	0	20S	20S	60S	20S	5MS	21.8	60S
377	IPPSN2020-377	VW2041	TS	0	0	10S	0	10S	15S	TMS	4.6	10S
378	IPPSN2020-378	VW2042	20S	10S	10MS	10S	10MS	40S	15S	0	13.9	40S
379	IPPSN2020-379	VW2043	10S	0	0	5MR	20MS	20S	15S	0	7.9	20S
380	IPPSN2020-380	VW2045	0	0	0	10S	0	0	5S	20S	4.4	20S
380A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
381	IPPSN2020-381	VW2046	TS	0	0	0	0	10S	30S	0	5.1	30S
382	IPPSN2020-382	VW2048	10S	0	0	TMR	0	20S	15S	0	5.7	20S
383	IPPSN2020-383	VW2050	20S	0	10MS	20S	10MR	40S	15S	0	13.4	40S
384	IPPSN2020-384	VW2051	20S	10S	0	10S	20S	60S	30S	5MS	19.3	60S
385	IPPSN2020-385	VW2052	5MS	0	0	0	0	5S	40S	5MS	6.6	40S
386	IPPSN2020-386	VW2053	0	0	0	0	TMR	5MS	20S	0	3.1	20S
387	IPPSN2020-387	VW2039	20S	10S	0	0	0	20MS	20S	0	8.3	20S
388	IPPSN2020-388	VW2029	TS	0	0	0	0	20MS	20S	0	4.6	20S
389	IPPSN2020-389	VW2037	5MS	0	0	0	0	10S	20S	0	4.3	20S
390	IPPSN2020-390	VW2010	5MS	0	0	0	0	10MS	20S	0	4	20S
391	IPPSN2020-391	VW2047	5MS	0	0	5MR	10MS	20MS	20S	10S	7.5	20S
392	IPPSN2020-392	VW2013	5S	0	0	5MR	5MR	5MS	20S	60S	11.6	60S
393	IPPSN2020-393	NIAW 4053	80S	40S	40S	10S	80S	80S	15S	60S	50.6	80S
394	IPPSN2020-394	NIAW 4054	80S	60S	40S	60S	80S	80S	60S	60S	65	80S
395	IPPSN2020-395	NIAW 4052	60S	40S	NG	60S	60S	80S	80S	60S	62.9	80S
396	IPPSN2020-396	NIAW 4113	60S	60S	40S	20S	80S	80S	60S	60S	57.5	80S
397	IPPSN2020-397	NIAW 4130	60S	60S	60S	60S	40S	60S	60S	60S	57.5	60S
398	IPPSN2020-398	NIAW 4165	60S	60S	40S	60S	80S	80S	60S	60S	62.5	80S
399	IPPSN2020-399	NIAW 4118	60S	20S	60S	60S	60S	80S	60S	60S	57.5	80S
400	IPPSN2020-400	NIAW 4190	20S	40S	60S	40S	60S	60S	60S	40S	47.5	60S
400A	INFECTOR		80S	40S	80S	60S	80S	80S	100S	60S	72.5	100S
401	IPPSN2020-401	NIAW 4172	60S	40S	40S	60S	80S	60S	60S	60S	57.5	80S
402	IPPSN2020-402	NIAW 4178	80S	60S	60S	60S	80S	80S	40S	60S	65	80S
403	IPPSN2020-403	NIAW 4197	40S	10S	20MS	10MS	20S	60S	60S	TS	26.9	60S
404	IPPSN2020-404	NIAW 4179	80S	40S	40S	60S	60S	60S	60S	60S	57.5	80S
405	IPPSN2020-405	NIAW 4120	80S	40S	60S	10S	80S	80S	40S	60S	56.3	80S
406	IPPSN2020-406	NIAW 4114	80S	40S	20MS	40S	80S	80S	60S	40S	54.5	80S
407	IPPSN2020-407	NIAW 4153	60S	40S	40S	60S	60S	60S	30S	40S	48.8	60S
408	IPPSN2020-408	NIAW 4040	60S	10S	10MS	60S	40S	60S	40S	20S	37.3	60S
409	IPPSN2020-409	NIAW 4174	60S	40S	40S	20MS	80S	60S	60S	60S	52	80S
410	IPPSN2020-410	NIAW 4183	60S	60S	40S	60S	80S	60S	60S	40S	57.5	80S
411	IPPSN2020-411	NIAW 4134	10S	60S	40S	40S	80S	40S	60S	40S	46.3	80S
412	IPPSN2020-412	NIAW 4154	60S	40S	60S	20MS	60S	60S	0	60S	44.5	60S
413	IPPSN2020-413	NIDW 1467	0	0	0	40S	TMR	TS	0	5MS	5.7	40S
414	IPPSN2020-414	NIDW 1485	5MR	0	5MS	0	TR	10MS	0	5MS	2.3	10MS
415	IPPSN2020-415	NIDW 1476	0	0	10MS	10MS	5R	5S	0	TS	2.9	10MS
416	IPPSN2020-416	NIDW 1491	0	0	0	10MR	TR	5MS	0	0	1	5MS
417	IPPSN2020-417	NIDW 1455	5MR	0	0	0	5R	10S	10S	0	2.9	10S
418	IPPSN2020-418	PW 2001	10S	0	0	5S	5MR	40S	10S	10MS	9.4	40S
419	IPPSN2020-419	PW 2002	5MS	0	20MS	5MR	5MR	10S	10S	TS	5.6	20MS
420	IPPSN2020-420	PW 2003	10S	0	20MS	5MS	5R	40S	10S	TS	10.3	40S
420A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
421	IPPSN2020-421	PW 2004	10S	10S	5MS	10S	10MR	40S	30S	5MS	14	40S
422	IPPSN2020-422	PW 2005	40S	0	5MS	10S	20MS	40S	30S	20S	20	40S
423	IPPSN2020-423	PW 2006	5MS	0	0	TMR	5MR	5MS	15S	10MS	4.2	15S
424	IPPSN2020-424	PW 2007	TS	10S	0	10S	5MR	10S	15S	10S	7.3	15S
425	IPPSN2020-425	PW 2008	20MS	10S	0	5MR	10MR	40MS	15S	20MS	11.9	40MS
426	IPPSN2020-426	PW 2009	40S	10S	5MS	10S	40S	60S	15S	10MS	23.4	60S
427	IPPSN2020-427	PW 2010	20S	0	0	5MR	5S	40S	15S	10MS	11.3	40S
428	IPPSN2020-428	PW 2011	5S	0	0	10S	10MR	20S	20S	0	7.4	20S
429	IPPSN2020-429	PW 2012	5MS	10S	0	0	0	10MS	20S	0	5.3	20S
430	IPPSN2020-430	PW 2013	5MS	0	0	TMR	10S	5MS	20S	0	4.8	20S
431	IPPSN2020-431	PW 2014	5S	0	5MS	0	10S	20S	20S	0	7.4	20S
432	IPPSN2020-432	PW 2015	40S	0	0	10MR	10S	60S	15S	0	16.1	60S
433	IPPSN2020-433	PW 2016	60S	10S	20MS	40S	40S	40S	30S	20S	32	60S
434	IPPSN2020-434	PW 2017	5MR	0	10MS	5MS	20S	5S	20S	TR	7.4	20S
435	IPPSN2020-435	PW 2018	20S	0	0	10MR	20MS	40S	30S	0	13.8	40S
436	IPPSN2020-436	PW 2019	20MS	0	5MS	10MS	20MS	40S	30S	TR	14.3	40S
437	IPPSN2020-437	DW 271	0	0	5MS	0	0	0	20S	0	3	20S
438	IPPSN2020-438	DW 272	5S	0	0	TMR	5MS	10S	20S	0	4.9	20S
439	IPPSN2020-439	DW 273	10S	0	0	0	0	10S	15S	TR	4.4	15S
440	IPPSN2020-440	DW 276	TS	0	0	0	0	10S	15S	TR	3.3	15S
440A	INFECTOR		80S	60S	60S	60S	80S	80S	80S	40S	67.5	80S
441	IPPSN2020-441	DW 277	60S	40S	20MS	20S	40S	40S	20S	20S	32	60S
442	IPPSN2020-442	DW 278	5MS	10S	20MS	10MS	0	5S	40S	20S	12.9	40S
443	IPPSN2020-443	BW 282	10S	5S	0	5S	0	20S	30S	0	8.8	30S
444	IPPSN2020-444	BW 283	20S	10S	5MS	10S	0	40S	15S	TS	12.5	40S
445	IPPSN2020-445	BW 287	10S	NG	0	10S	0	20S	20S	0	8.6	20S
446	IPPSN2020-446	BW 288	40S	10S	0	5S	10S	40S	40S	10MS	19.1	40S
447	IPPSN2020-447	BW 289	5S	10S	0	40S	5MR	20S	30S	0	13.4	30S

448	IPPSN2020-448	CG2001	40S	10S	5MS	40S	60S	60S	20S	0	29.3	60S
449	IPPSN2020-449	CG2002	40S	10S	0	40S	60S	60S	40S	0	31.3	60S
450	IPPSN2020-450	CG2003	40S	10S	10MS	40S	40S	60S	30S	10S	29.8	60S
451	IPPSN2020-451	CG2004	40S	10S	0	40S	60S	60S	40S	10S	32.5	60S
452	IPPSN2020-452	CG2005	40S	0	10MS	40S	60S	60S	20S	20S	31	60S
453	IPPSN2020-453	CG2006	60S	40S	20MS	60S	80S	60S	60S	40S	52	60S
454	IPPSN2020-454	CG2007	60S	10S	20MS	40S	60S	60S	80S	40S	45.8	60S
455	IPPSN2020-455	CG2008	60S	20S	40S	40S	60S	60S	30S	40S	43.8	60S
456	IPPSN2020-456	CG2009	60S	20S	60S	40S	60S	60S	40S	60S	50	60S
457	IPPSN2020-457	CG2010	60S	20S	60S	40S	60S	60S	60S	40S	50	60S
458	IPPSN2020-458	CG2011	60S	10S	60S	40S	80S	60S	20S	40S	46.3	80S
459	IPPSN2020-459	CG2012	40S	40S	60S	40S	60S	60S	20S	60S	47.5	60S
460	IPPSN2020-460	CG2013	20S	10S	20S	20S	40S	40S	0	20MS	20.8	40S
460A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
461	IPPSN2020-461	CG2014	10S	0	10MS	10MR	10S	40S	0	5S	9.6	40S
462	IPPSN2020-462	CG2015	TS	10S	20MS	20S	10S	10S	0	0	8.4	20S
463	IPPSN2020-463	UASD-2001	20S	10S	10MS	20S	40S	40S	30S	5R	21.1	40S
464	IPPSN2020-464	UASD-2002	10S	0	10MS	20S	10S	40S	20S	20S	16	40S
465	IPPSN2020-465	UASD-2003	20S	10S	5MS	40S	20MS	40S	40S	20MS	23.3	40S
466	IPPSN2020-466	UASD-2004	40S	20S	40S	60S	40S	40S	30S	20S	36.3	60S
467	IPPSN2020-467	UASD-2005	60S	40S	40S	40S	40S	40S	40S	20S	40	60S
468	IPPSN2020-468	UASD-2006	5S	10S	5MS	10S	0	20S	15S	20S	10.5	20S
469	IPPSN2020-469	UASD-2007	10S	5S	0	5S	0	40S	15S	5MS	9.9	40S
470	IPPSN2020-470	UASD-2008	40S	0	10MS	10S	10S	40S	15S	TR	15.4	40S
471	IPPSN2020-471	UASD-2009	0	0	20MS	20S	40S	0	20S	10S	13.3	40S
472	IPPSN2020-472	UASD-2010	0	0	0	5S	0	0	0	0	0.6	5S
473	IPPSN2020-473	UASD-2011	5MS	0	0	5MR	0	0	15S	0	2.6	15S
474	IPPSN2020-474	UASD-2012	TS	0	0	5MR	TMR	10S	15S	0	3.6	15S
475	IPPSN2020-475	UASD-2013	10S	0	0	10S	0	40S	15S	0	9.4	40S
476	IPPSN2020-476	UASD-2014	0	0	0	0	0	0	0	TS	0.1	TS
477	IPPSN2020-477	UASD-2015	5S	0	0	0	0	5S	0	0	1.3	5S
478	IPPSN2020-478	UASD-2016	5S	0	5MS	10MR	5MR	10S	0	5MS	3.6	10S
479	IPPSN2020-479	UASD-2017	TS	0	0	5MR	TR	5MS	15S	5MS	3.3	15S
480	IPPSN2020-480	UASD-2018	0	0	0	TMR	0	5MS	15S	TR	2.5	15S
480A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	40S	62.5	80S
481	IPPSN2020-481	UASD-2019	10MS	20S	20MS	10MS	40S	20S	60S	TMS	21.6	60S
482	IPPSN2020-482	UASD-2020	TS	0	5MS	0	TMS	10S	5S	0	2.6	10S
483	IPPSN2020-483	UASD-2021	5MS	0	0	0	20MS	10S	20S	0	6.3	20S
484	IPPSN2020-484	UASD-2022	40S	0	0	20S	80S	40MS	40S	20S	29	40S
485	IPPSN2020-485	UASD-2023	10MS	0	0	0	20MS	10MS	20S	5MS	7	20S
486	IPPSN2020-486	UASD-2024	10S	10S	5MS	0	10S	20S	30S	10S	11.8	30S
487	IPPSN2020-487	UASD-2025	5S	10S	10MS	20S	20S	40S	5S	0	13.5	40S
488	IPPSN2020-488	UASD-2026	5S	5S	10MS	10MS	20S	40S	15S	0	12.6	40S
489	IPPSN2020-489	UASD-2027	0	0	20MS	10MS	5MS	5S	5S	10MS	5.8	20MS
490	IPPSN2020-490	UASD-2028	TR	0	5MS	5MR	5MS	5MS	15S	0	3.7	15S
491	IPPSN2020-491	UASD-2029	5MS	5S	10MS	20S	10S	40S	0	TMS	11	40S
492	IPPSN2020-492	UASD-2030	0	0	0	TMR	TMS	5S	10S	0	2	10S
493	IPPSN2020-493	UASD-2031	10S	10S	0	0	TMR	5S	5S	0	3.8	10S
494	IPPSN2020-494	UASD-2032	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
495	IPPSN2020-495	UASD-2033	5MS	0	0	10S	0	0	40S	5MS	7.3	40S
496	IPPSN2020-496	UASD-2034	20MS	0	0	20MS	80S	5MS	40S	5MR	19.8	40S
497	IPPSN2020-497	UASD-2035	20MS	10S	0	10MS	60S	10MS	15S	0	14.6	60S
498	IPPSN2020-498	PBN 4881	10S	10S	0	20S	40S	40S	15S	40S	21.9	40S
499	IPPSN2020-499	PBN 4357	20S	40S	10MS	20S	40S	40S	15S	40S	27.9	40S
500	IPPSN2020-500	PBN 4905	40S	20S	20MS	40S	40S	40S	15S	10S	27.6	40S
500A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
501	IPPSN2020-501	PBN 4888	40S	10S	20MS	10MS	60S	20S	15S	20S	23.6	60S
502	IPPSN2020-502	PBN 4876-2	40S	20S	20MS	20S	40S	40S	20S	10S	25.8	40S
503	IPPSN2020-503	MP 3553	40S	20S	40S	20S	80S	60S	15S	0	34.4	80S
504	IPPSN2020-504	MP 3554	5S	0	5MS	5MR	10MS	20S	30S	0	8.6	30S
505	IPPSN2020-505	MP 3555	60S	10S	20MS	20S	80S	60S	15S	20S	35.1	80S
506	IPPSN2020-506	MP 3556	5S	0	0	TMR	5MS	10S	60S	5MS	10.4	60S
507	IPPSN2020-507	MP 3557	20S	0	20MS	10MS	60S	40S	15S	5S	20.5	60S
508	IPPSN2020-508	MP 3558	60S	20S	10MS	20S	60S	40S	30S	60S	37.3	60S
509	IPPSN2020-509	MP 3559	40S	20S	0	40S	60S	40S	30S	40S	33.8	60S
510	IPPSN2020-510	MP 3560	60S	60S	0	40S	60S	40S	30S	60S	43.8	60S
511	IPPSN2020-511	MP 3561	40S	20S	20MS	5MR	40S	40S	60S	40S	32.3	60S
512	IPPSN2020-512	MP 3562	5MS	0	5MS	10MS	20S	5S	20S	TR	7.7	20S
513	IPPSN2020-513	MP 3563	20S	0	20MS	20S	20MS	40S	15S	5S	16.5	40S
514	IPPSN2020-514	MP 3564	10S	0	5MS	5MR	10MS	5S	20S	TR	6.2	20S
515	IPPSN2020-515	MP 3565	60S	40S	60S	60S	60S	60S	15S	10S	45.6	60S
516	IPPSN2020-516	MP 3566	40S	10S	20MS	20S	40S	40S	60S	0	28.3	60S
517	IPPSN2020-517	MP 3567	20S	0	10MS	20S	60S	40S	30S	0	22.3	60S
518	IPPSN2020-518	NW-8028	5S	10S	0	5MS	10MS	20S	20S	5R	8.5	20S
519	IPPSN2020-519	NW-8029	40S	10S	0	20S	20S	40S	15S	0	18.1	40S
520	IPPSN2020-520	NW-8030	40S	20S	20MS	20MS	40S	60S	60S	5MS	32	60S
520A	INFECTOR		80S	60S	60S	60S	80S	80S	80S	40S	67.5	80S
521	IPPSN2020-521	NW-8031	40S	10S	20MS	20MS	60S	40S	0	TR	22.8	60S
522	IPPSN2020-522	NW-8032	5S	0	40S	5MR	0	20S	20S	TR	10.9	40S

523	IPPSN2020-523	NW-8033	60S	0	20MS	20S	60S	40S	30S	5S	28.9	60S
524	IPPSN2020-524	NW-8034	10S	10S	10MS	TMR	5MR	10S	20S	5S	8.2	20S
525	IPPSN2020-525	NW-8035	10S	0	0	0	0	5MS	15S	0	3.6	15S
526	IPPSN2020-526	NW-8036	5S	10S	20MS	5MR	10MS	10S	15S	0	8.3	20MS
527	IPPSN2020-527	NW-8037	20S	0	20MS	5MS	10S	20S	15S	10S	11.9	20S
528	IPPSN2020-528	NW-8038	20S	10S	10MS	20S	40S	40S	15S	5MS	19.6	40S
529	IPPSN2020-529	NW-8039	40S	20S	10MS	40S	40S	20S	15S	20S	25.4	40S
530	IPPSN2020-530	NW-8040	40S	10S	20MS	5MS	10S	20S	30S	5MS	16.8	40S
531	IPPSN2020-531	NW-8041	40S	20S	60S	60S	40S	40S	20S	20S	37.5	60S
532	IPPSN2020-532	NW-8042	40S	20S	60S	40S	60S	40S	20S	40S	40	60S
533	IPPSN2020-533	NW-8043	20MS	10S	40S	20S	40S	20S	15S	0	20.1	40S
534	IPPSN2020-534	NW-8044	0	0	20MS	10MS	5MS	0	15S	0	5.4	20MS
535	IPPSN2020-535	NW-8045	40S	10S	20MS	20S	40S	20S	0	10MS	19.3	40S
536	IPPSN2020-536	NW-8046	5MS	10S	20MS	5MR	20S	10S	15S	0	9.6	20S
537	IPPSN2020-537	NW-8047	60S	20S	40S	40S	60S	10S	30S	0	32.5	60S
538	IPPSN2020-538	NW-8048	40S	0	20MS	5MR	20S	10S	15S	0	12.9	40S
539	IPPSN2020-539	NW-8049	5MS	10S	20MS	10MS	5MR	5MS	15S	0	7.4	20MS
540	IPPSN2020-540	NW-8050	60S	10S	40S	40S	40S	40S	20S	20S	33.8	60S
540A	INFECTOR		80S	40S	60S	60S	80S	40S	80S	60S	62.5	80S
541	IPPSN2020-541	NW-8051	40S	10S	20MS	20S	60S	40S	20S	5S	26.4	60S
542	IPPSN2020-542	NW-8052	40S	20S	40S	40S	40S	40S	30S	20MS	33.3	40S
543	IPPSN2020-543	KRL 2002	5MS	20S	20MS	20S	0	5S	20S	0	10.6	20S
544	IPPSN2020-544	KRL 2003	5MS	0	10MS	TMR	0	5S	15S	0	4.1	15S
545	IPPSN2020-545	KRL 2004	5MS	10S	10MS	10S	20S	10S	TS	0	7.9	10S
546	IPPSN2020-546	KRL 2005	0	0	10MS	5MR	10S	5S	20S	0	5.6	20S
547	IPPSN2020-547	KRL 2007	10MS	10S	10MS	TR	10MR	5S	TS	5R	4.7	10MS
548	IPPSN2020-548	KRL 2008	5MS	0	10MS	0	10MS	10S	0	5R	3.9	10S
549	IPPSN2020-549	KRL 2009	TS	0	0	0	0	10S	TS	TMS	1.6	10S
550	IPPSN2020-550	KRL 2010	5MS	0	0	TMR	0	10S	TS	TMS	2	10S
551	IPPSN2020-551	KRL 2011	5MS	0	0	5MR	20S	10S	TS	0	4.6	20S
552	IPPSN2020-552	KRL 2014	5MS	0	5MS	TR	10MR	5S	15S	0	4	15S
553	IPPSN2020-553	KRL 2015	5MS	0	0	0	10S	5S	15S	0	4.3	15S
554	IPPSN2020-554	KRL 2016	5MS	10S	0	5MS	0	5MS	0	0	2.8	10S
555	IPPSN2020-555	KRL 2019	40S	20S	20MS	40S	40S	40S	0	0	24.5	40S
556	IPPSN2020-556	KRL 2020	10S	10S	0	10MS	10MS	20S	20S	TS	9.6	20S
557	IPPSN2020-557	KRL 2023	60S	20S	20MS	40S	80S	40S	30S	40S	40.8	80S
558	IPPSN2020-558	KRL 2024	20S	10S	20MS	40S	40S	40S	20S	40S	28.3	40S
559	IPPSN2020-559	KRL 2026	20MS	0	0	20S	10S	40S	60S	10S	19.5	60S
560	IPPSN2020-560	KRL 2027	20S	10S	0	20S	10MS	40S	60S	TMS	19.9	60S
560A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
561	IPPSN2020-561	KRL 2030	40S	10S	0	20S	40S	40S	15S	TR	20.7	40S
562	IPPSN2020-562	KRL 2033	5MS	0	0	5MR	5MR	10S	15S	TMS	4.2	15S
563	IPPSN2020-563	KRL 2034	TR	10S	0	TMR	5MS	5S	15S	10S	5.6	15S
564	IPPSN2020-564	KRL 2035	40S	10S	20MS	20S	40S	40S	TS	TR	20.9	40S
565	IPPSN2020-565	KRL 2036	5S	10S	0	20S	0	5S	TS	20S	7.6	20S
566	IPPSN2020-566	KRL 2037	0	0	0	TMR	0	0	TS	20MS	2.2	20MS
567	IPPSN2020-567	KRL 2038	0	0	0	10MS	0	5MS	15S	0	3.4	15S
568	IPPSN2020-568	11th HPYT 402	5S	0	0	TMR	20MS	5MS	20S	TR	5.7	20S
569	IPPSN2020-569	11th HPYT 403	20S	10S	10MS	20S	40S	20S	30S	TR	18.5	40S
570	IPPSN2020-570	11th HPYT 404	5MS	5S	0	10S	20MS	10S	20S	20S	10.6	20S
571	IPPSN2020-571	11th HPYT 405	10S	10S	0	10MS	20S	20S	20S	0	11	20S
572	IPPSN2020-572	11th HPYT 406	40S	10S	0	10S	40S	10S	20S	0	16.3	40S
573	IPPSN2020-573	11th HPYT 407	TS	10S	0	0	5MR	10S	20S	0	5.4	20S
574	IPPSN2020-574	11th HPYT 408	5MR	0	0	0	0	0	60S	TR	7.8	60S*
575	IPPSN2020-575	11th HPYT 409	0	10S	5MS	5MR	10S	5MS	30S	TR	7.5	30S
576	IPPSN2020-576	11th HPYT 410	20S	10S	20MS	10S	40S	10S	TS	0	13.4	40S
577	IPPSN2020-577	11th HPYT 411	40S	20S	5MS	20S	40S	40S	TS	20S	23.1	40S
578	IPPSN2020-578	11th HPYT 412	10S	10S	0	5MS	10MR	10S	30S	20S	11	30S
579	IPPSN2020-579	11th HPYT 413	20S	10S	0	5MS	20MS	20S	15S	TR	10.7	20S
580	IPPSN2020-580	11th HPYT 414	10S	0	0	10S	10MS	20S	20S	5S	9.1	20S
580A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
581	IPPSN2020-581	11th HPYT 415	5S	0	0	TMR	5MS	10S	15S	TR	4.3	15S
582	IPPSN2020-582	11th HPYT 416	20S	10S	10MS	5MS	40S	20S	20S	10S	16.5	40S
583	IPPSN2020-583	11th HPYT 417	10S	10S	0	10S	20S	20S	20S	TR	11.3	20S
584	IPPSN2020-584	11th HPYT 418	20S	10S	0	20S	40S	20S	15S	TR	15.7	40S
585	IPPSN2020-585	11th HPYT 419	5MS	10S	20MS	5MS	10S	5MS	15S	TR	7.9	20MS
586	IPPSN2020-586	11th HPYT 420	40S	10S	10MS	TMR	40S	10S	20S	40S	21.1	40S
587	IPPSN2020-587	11th HPYT 421	20S	10S	5MS	10S	40S	10S	20S	5S	14.9	40S
588	IPPSN2020-588	11th HPYT 422	20S	20S	0	0	20S	10S	15S	20S	13.1	20S
589	IPPSN2020-589	11th HPYT 423	40S	10S	0	20MS	40S	20S	15S	20S	20.1	40S
590	IPPSN2020-590	11th HPYT 424	20S	10S	0	10MS	10MS	10S	15S	TR	8.9	20S
591	IPPSN2020-591	11th HPYT 425	20S	10S	5MS	20S	60S	20S	0	40S	21.8	60S
592	IPPSN2020-592	11th HPYT 426	10MS	5S	0	TR	10MR	5S	15S	5S	5.3	15S
593	IPPSN2020-593	11th HPYT 427	10MS	10S	0	0	10S	5S	30S	5S	8.5	30S
594	IPPSN2020-594	11th HPYT 428	40S	20S	20MS	10S	40S	40S	20S	5S	23.9	40S
595	IPPSN2020-595	11th HPYT 429	60S	20S	10MS	20MS	40S	10S	TS	40S	24.4	60S
596	IPPSN2020-596	11th HPYT 430	20S	10S	5MS	20S	20S	40S	15S	60S	23.6	60S
597	IPPSN2020-597	11th HPYT 431	20S	10S	0	10MS	20MS	10S	15S	40S	14.9	40S
598	IPPSN2020-598	11th HPYT 432	20S	10S	0	5MS	40S	10S	15S	20S	14.9	40S

599	IPPSN2020-599	11th HPYT 433	TS	5S	0	5MS	0	5S	30S	20S	8.1	30S
600	IPPSN2020-600	11th HPYT 434	10S	10S	0	10MR	0	5S	20S	20S	8.6	20S
600A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
601	IPPSN2020-601	11th HPYT 435	0	20S	0	5MS	0	0	15S	TR	4.9	20S
602	IPPSN2020-602	11th HPYT 436	40S	10S	10MS	10MS	10MS	10MS	40S	5S	15.9	40S
603	IPPSN2020-603	11th HPYT 437	20S	10S	10MS	TMR	10MS	5S	15S	10S	9.6	20S
604	IPPSN2020-604	11th HPYT 438	10S	20S	20MS	10S	0	20S	TS	TR	9.7	20S
605	IPPSN2020-605	11th HPYT 439	20S	10S	20MS	20S	10S	40S	TS	5S	15.3	40S
606	IPPSN2020-606	11th HPYT 440	10S	40S	20MS	60S	60S	20S	40S	TR	30.8	60S
607	IPPSN2020-607	11th HPYT 441	5MS	10S	0	10MS	0	5MS	30S	TR	7	30S
608	IPPSN2020-608	11th HPYT 442	20S	5S	0	10S	0	20S	20S	TR	9.4	20S
609	IPPSN2020-609	11th HPYT 443	0	0	0	5MS	0	10S	30S	0	5.5	20S
610	IPPSN2020-610	11th HPYT 444	0	0	0	10MR	0	5MS	20S	0	3.5	20S
611	IPPSN2020-611	11th HPYT 445	5S	0	0	10MS	40S	20S	15S	0	11	40S
612	IPPSN2020-612	11th HPYT 446	10S	10S	20MS	5MS	10S	10S	20S	0	10	20S
613	IPPSN2020-613	11th HPYT 447	10S	20S	0	20S	20S	20S	15S	5S	13.8	20S
614	IPPSN2020-614	11th HPYT 448	10S	10S	0	5MS	10MS	10S	60S	TR	12.8	60S
615	IPPSN2020-615	11th HPYT 449	10S	10S	0	20MS	10MS	20MS	60S	0	15	60S
616	IPPSN2020-616	11th HPYT 450	10S	10S	10MS	10S	40S	10S	40S	5S	16.6	40S
617	IPPSN2020-617	MACS 6797	10S	20S	20MS	5MR	0	5S	30S	5MS	10.9	30S
618	IPPSN2020-618	MACS 6798	10S	20S	20MS	TMR	5S	5MS	30S	0	10.7	30S
619	IPPSN2020-619	MACS 6799	5MS	10S	10MS	5MR	10S	5MS	60S	0	12.3	60S
620	IPPSN2020-620	MACS 6800	60S	40S	20MS	60S	60S	40S	30S	TR	38.3	60S
620A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	80S	67.5	80S
621	IPPSN2020-621	MACS 6801	40S	5S	20MS	40S	60S	40S	30S	TR	28.9	60S
622	IPPSN2020-622	MACS 6802	40S	10S	0	20MS	10S	5MS	30S	10S	15	40S
623	IPPSN2020-623	MACS 6803	40S	0	20MS	20MS	10S	0	15S	40S	17.1	40S
624	IPPSN2020-624	MACS 6804	20S	5S	5MS	20S	10S	5S	15S	40S	14.9	40S
625	IPPSN2020-625	MACS 6805	10MS	5S	5MS	20S	5S	5S	15S	40S	12.8	40S
626	IPPSN2020-626	MACS 6806	10S	10S	0	20S	20S	5MS	20S	40S	15.5	40S
627	IPPSN2020-627	MACS 6807	10S	10S	0	20S	20S	5MS	30S	40S	16.8	40S
628	IPPSN2020-628	MACS 6808	10S	20S	0	40S	60S	20S	40S	60S	31.3	60S
629	IPPSN2020-629	MACS 6809	20S	20S	20MS	40S	60S	10S	30S	60S	32	60S
630	IPPSN2020-630	MACS 6810	10S	10S	20MS	10MS	10S	5MS	30S	10S	12.3	30S
631	IPPSN2020-631	MACS 6811	10MS	10S	0	10S	40S	10S	40S	5MS	15.3	40S
632	IPPSN2020-632	MACS 6812	5MS	20S	10MS	20MR	20S	0	15S	TR	9.4	20S
633	IPPSN2020-633	MACS 6813	10MS	10S	5MS	20S	20S	5S	30S	5S	12.8	30S
634	IPPSN2020-634	MACS 6814	10S	0	5MS	20S	20S	5MS	30S	40S	16	40S
635	IPPSN2020-635	MACS 6815	20S	20S	40S	60S	80S	40S	15S	60S	41.9	80S
636	IPPSN2020-636	MACS 6816	20S	10S	20MS	60S	60S	40S	20S	60S	35.8	60S
637	IPPSN2020-637	MACS 6817	40S	0	20MS	20MS	60S	40S	15S	20S	25.9	60S
638	IPPSN2020-638	MACS 6818	20S	20S	20MS	60S	80S	40S	20S	60S	39.5	80S
639	IPPSN2020-639	MACS 6819	10MS	10S	20MS	40S	10S	5S	20S	10S	14.9	40S
640	IPPSN2020-640	MACS 6820	40S	20S	20MS	40S	60S	40S	20S	5S	30.1	60S
640A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	80S	67.5	80S
641	IPPSN2020-641	MACS 4117	10MS	0	0	20MS	40S	20S	15S	0	12.4	40S
642	IPPSN2020-642	MACS 4118	0	0	0	10MS	0	0	15S	0	2.9	15S
643	IPPSN2020-643	MACS 4119	TR	0	0	TMR	0	0	5S	0	0.7	15S
644	IPPSN2020-644	MACS 4120	TR	0	0	5MR	TR	0	15S	0	2.2	5S
645	IPPSN2020-645	MACS 4121	0	0	0	10MR	5MR	0	5S	0	1.4	15S
646	IPPSN2020-646	MACS 4122	5MS	0	0	10S	TMR	5MS	0	0	2.3	5S
647	IPPSN2020-647	MACS 4123	0	0	0	0	0	0	0	0	0	10S
648	IPPSN2020-648	MACS 4124	5MR	0	0	0	0	0	60S	0	7.8	60S*
649	IPPSN2020-649	MACS 5059	20S	20S	10MS	10S	60S	10S	60S	10S	24.8	60S
650	IPPSN2020-650	MACS 5060	20MS	40S	0	10S	40S	5MS	15S	20S	18.1	40S
651	IPPSN2020-651	MACS 5061	10MS	20S	10MS	10MS	40S	0	15S	20S	14.9	40S
652	IPPSN2020-652	AKAW 4662	60S	20S	20MS	40S	40S	40S	20S	40S	34.5	60S
653	IPPSN2020-653	AKAW 4682	40S	10S	5MS	40S	20S	20S	15S	5S	19.3	40S
654	IPPSN2020-654	AKAW 4684	40S	40S	20MS	40MS	60S	40S	60S	10S	37.3	60S
655	IPPSN2020-655	AKDW 4773	TS	10S	5MS	TMR	0	0	60S	0	9.4	60S
656	IPPSN2020-656	AKAW 5080	60S	40S	20MS	60S	60S	60S	40S	20S	44.5	60S
657	IPPSN2020-657	AKAW 5100	40S	0	20MS	40S	40S	40S	20S	10S	25.8	40S
658	IPPSN2020-658	AKAW 5104	60S	10S	20MS	40S	80S	60S	40S	5S	38.9	80S
659	IPPSN2020-659	AKAW 5314	60S	40S	20MS	40S	60S	60S	40S	20S	42	60S
660	IPPSN2020-660	AKAW 5317	40S	0	20MS	40S	60S	40S	60S	10S	33.3	60S
660A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
661	IPPSN2020-661	AKAW 5353	60S	0	10MS	60S	80S	60S	40S	0	38.5	80S
662	IPPSN2020-662	AKAW 5354	80S	20S	20MS	60S	60S	40S	40S	0	39.5	80S
663	IPPSN2020-663	AKAW 5438	80S	40S	20MS	60S	80S	60S	30S	5MS	46.3	80S
664	IPPSN2020-664	AKAW 5441	80S	40S	5MS	60S	80S	60S	30S	5MS	44.8	80S
665	IPPSN2020-665	AKAW 5444	40S	10S	10MS	40S	40S	40S	40S	0	27.3	40S
666	IPPSN2020-666	AKAW 5445	40S	10S	0	20S	60S	40S	30S	TR	25	40S
667	IPPSN2020-667	RVW 4350	0	10S	0	TMR	20S	0	15S	TR	5.7	20S
668	IPPSN2020-668	RVW 4351	60S	10S	5MS	60S	20S	40S	15S	0	26.1	60S
669	IPPSN2020-669	RVW 4352	60S	10S	0	40S	60S	60S	40S	0	33.8	60S
670	IPPSN2020-670	RVW 4353	20MS	0	5MS	10MR	5MS	40S	15S	0	10.4	40S
671	IPPSN2020-671	RVW 4354	60S	10S	20MS	20S	10S	40S	5S	5MS	20.6	60S
672	IPPSN2020-672	RVW 4355	40S	0	40S	10S	20S	20S	15S	5MS	18.6	40S
673	IPPSN2020-673	RVW 4356	60S	0	40S	60S	60S	60S	40S	40S	45	60S

674	IPPSN2020-674	RVW 4357	60S	10S	40S	60S	60S	60S	30S	40S	45	60S
675	IPPSN2020-675	RVW 4358	80S	20S	20MS	60S	80S	40S	20S	40S	44.5	80S
676	IPPSN2020-676	RVW 4359	40S	10S	40S	40S	20S	40S	30S	20S	30	40S
677	IPPSN2020-677	1	40S	5S	20MS	10MR	10S	40S	15S	0	16.3	40S
678	IPPSN2020-678	2	10MS	0	5MS	10S	5MS	10MS	15S	0	6.1	15S
679	IPPSN2020-679	3	5S	0	20MS	5MR	10S	20S	30S	TR	10.4	30S
680	IPPSN2020-680	4	5S	0	20MS	TMR	TMS	10S	20S	TR	6.6	20S
680A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
681	IPPSN2020-681	5	40S	10S	10MS	10S	10S	40S	30S	TR	18.5	40S
682	IPPSN2020-682	6	40S	10S	20MS	20MS	10S	40S	15S	TR	18.4	40S
683	IPPSN2020-683	7	40S	10S	20MS	20S	5MR	40S	15S	TR	17.9	40S
684	IPPSN2020-684	8	40S	0	20MS	20S	10MR	40S	15S	5MS	17.4	40S
685	IPPSN2020-685	9	10S	0	20MS	NG	0	20S	30S	20S	13.7	30S
686	IPPSN2020-686	10	20S	5S	20MS	10MS	20S	20MS	15S	TR	12.5	20S
687	IPPSN2020-687	11	5MS	10S	10MS	0	0	5MS	15S	TR	5.2	10S
688	IPPSN2020-688	12	20S	10S	10MS	10S	10MS	40S	30S	TR	15.8	40S
689	IPPSN2020-689	13	40S	10S	10MS	20S	20S	40S	15S	20S	21.6	40S
690	IPPSN2020-690	14	40S	0	10MS	20S	10MS	40S	20S	TR	17	40S
691	IPPSN2020-691	15	40S	10S	20MS	10MR	40S	40S	30S	TR	22.5	40S
692	IPPSN2020-692	16	20S	0	20MS	20S	10S	20S	15S	5MS	13.1	20S
693	IPPSN2020-693	17	40S	10S	40S	20S	20S	40S	15S	TR	23.2	40S
694	IPPSN2020-694	18	40S	10S	0	40S	20MS	40S	20S	5MS	21.3	40S
695	IPPSN2020-695	19	0	0	10MS	NG	0	0	15S	0	3.3	15S
696	IPPSN2020-696	20	40S	5S	10MS	5S	20S	40S	20S	10MS	18.3	40S
697	IPPSN2020-697	21	40S	10S	0	10MS	10S	40S	20S	TR	16	40S
698	IPPSN2020-698	22	20S	0	0	5S	10MS	40S	20S	TR	11.7	40S
699	IPPSN2020-699	23	20S	10S	0	10MS	10MR	40S	20S	10S	14	40S
700	IPPSN2020-700	24	10S	0	0	TMR	10MS	10S	40S	10S	9.8	40S
700A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
701	IPPSN2020-701	25	20S	0	10MS	5MR	10MR	40S	20S	10S	13	40S
702	IPPSN2020-702	26	20S	0	10MS	5MR	10MR	40S	15S	0	11.1	40S
703	IPPSN2020-703	27	10S	20S	10MS	10MS	10MS	10S	15S	TR	9.9	20S
704	IPPSN2020-704	28	40S	0	0	10S	NG	40S	20S	TR	15.7	40S
705	IPPSN2020-705	29	10S	20S	0	20MS	10S	20MS	15S	5MS	11.4	20S
706	IPPSN2020-706	30	40S	20S	0	10S	10S	40S	15S	TR	16.9	40S
707	IPPSN2020-707	31	10S	20S	0	10S	10MR	20MS	20S	0	10	20S
708	IPPSN2020-708	32	5S	10S	NG	5MS	NG	40S	15S	0	12.3	40S
709	IPPSN2020-709	33	20S	20S	10MS	20S	10S	40S	15S	10MS	17.6	40S
710	IPPSN2020-710	34	60S	20S	10MS	NG	10MS	60S	20S	TR	25.2	60S
711	IPPSN2020-711	35	60S	10S	5MS	5MR	TMR	60S	20S	20S	22.1	60S
712	IPPSN2020-712	36	20S	NG	NG	NG	NG	NG	20S	0	13.3	20S
713	IPPSN2020-713	37	20S	NG	NG	NG	NG	20S	15S	0	13.8	20S
714	IPPSN2020-714	38	20S	5S	NG	NG	NG	NG	15S	TR	10.1	20S
715	IPPSN2020-715	39	5MS	10S	0	5S	0	5MS	20S	5MS	5.9	20S
716	IPPSN2020-716	40	40S	0	10MS	5MR	20S	40S	20S	5MS	16.8	40S
717	IPPSN2020-717	41	10S	10S	0	TMR	0	0	15S	0	4.4	15S
718	IPPSN2020-718	42	20S	10S	0	5S	0	40S	15S	TR	11.3	20S
719	IPPSN2020-719	43	10S	10S	0	10S	TMR	20S	20S	0	8.8	20S
720	IPPSN2020-720	44	40S	20S	0	5S	5MR	NG	20S	0	12.4	40S
720A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
721	IPPSN2020-721	45	40S	0	0	20S	NG	40S	0	5MS	14.9	40S
722	IPPSN2020-722	46	5S	10S	0	5S	0	5MS	15S	TR	4.9	15S
723	IPPSN2020-723	47	20S	20S	0	TMR	0	20S	15S	20S	11.9	20S
724	IPPSN2020-724	48	10S	10S	0	5MR	10S	20S	20S	0	9	20S
725	IPPSN2020-725	49	20S	5S	5MS	0	5MS	40S	15S	0	11	40S
726	IPPSN2020-726	50	20S	20S	0	10S	20S	40S	30S	0	17.5	40S
727	IPPSN2020-727	51	5MS	20S	10MS	0	5S	10MS	15S	0	7.5	20S
728	IPPSN2020-728	52	5MS	0	0	10S	0	5MS	15S	TR	4.2	15S
729	IPPSN2020-729	53	10MS	10S	0	5S	0	5MS	15S	10MS	6.3	15S
730	IPPSN2020-730	54	10S	0	0	5S	TMR	20S	5S	10MS	6.1	20S
731	IPPSN2020-731	55	5MS	0	5MS	TMR	TMR	5MS	5S	5MS	2.7	5S
732	IPPSN2020-732	56	40S	20S	0	20S	20S	40S	15S	0	19.4	40S
733	IPPSN2020-733	57	0	0	0	5MR	0	5MS	15S	0	2.6	15S
734	IPPSN2020-734	58	20MS	20S	0	10MS	5MS	40MS	15S	0	11.9	40MS
735	IPPSN2020-735	59	10MS	20S	0	0	0	20MS	15S	TR	7.4	20S
736	IPPSN2020-736	60	5MS	10S	5MS	5MS	0	10MS	15S	5MS	6.1	15S
737	IPPSN2020-737	SVPWL01	20S	10S	0	5S	0	40S	20S	0	11.9	40S
738	IPPSN2020-738	SVPWL02	20S	0	0	5S	5MS	40S	15S	0	10.5	40S
739	IPPSN2020-739	SVPWL03	TS	10S	0	5S	0	10S	20S	0	4.5	20S
740	IPPSN2020-740	SVPWL04	40S	20S	5MS	5S	5MS	40S	20S	0	16.6	40S
740A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
741	IPPSN2020-741	SVPWL05	5S	0	0	TMR	0	5MS	20S	10S	4.9	20S
742	IPPSN2020-742	SVPWL06	5MS	10S	0	5MS	20MS	10S	15S	5MS	7.9	20MS
743	IPPSN2020-743	SVPWL07	TS	10S	0	0	0	5S	5S	10MS	3.6	10S
744	IPPSN2020-744	SVPWL08	TS	10S	0	0	5MS	5S	5S	10MS	4.1	10S
745	IPPSN2020-745	SVPWL09	5MS	10S	0	0	0	0	5S	0	2.4	10S
746	IPPSN2020-746	SVPWL10	0	10S	0	0	0	0	0	0	1.3	10S
747	IPPSN2020-747	SVPWL11	0	0	0	5MR	0	5MS	0	0	0.8	5MS
748	IPPSN2020-748	SVPWL12	TS	0	0	0	0	5MS	0	TR	0.7	5MS

749	IPPSN2020-749	SVPWL13	0	20S	0	TMR	0	5MS	0	0	3.1	5MS
750	IPPSN2020-750	SVPWL14	40S	20S	10MS	TMR	10S	60S	0	0	17.3	60S
751	IPPSN2020-751	SVPWL15	10S	0	0	10S	0	10MS	5S	0	4.1	10S
752	IPPSN2020-752	IARI 20-1	5MS	10S	0	5MR	0	10S	20S	5MS	6.3	20S
753	IPPSN2020-753	IARI 20-2	5MS	0	0	0	5MR	5MS	15S	10MS	4.1	15S
754	IPPSN2020-754	IARI 20-3	40S	10S	0	0	0	20S	30S	5S	13.1	40S
755	IPPSN2020-755	IARI 20-4	0	0	0	5S	0	5S	15S	40S	8.1	40S
756	IPPSN2020-756	IARI 20-5	20S	10S	0	5S	10S	10S	60S	0	14.4	60S
757	IPPSN2020-757	IARI 20-6	5S	20S	0	5S	0	5S	20S	0	6.9	20S
758	IPPSN2020-758	IARI 20-7	0	0	0	0	0	0	15S	0	1.9	15S
759	IPPSN2020-759	IARI 20-8	TS	0	0	0	0	0	30S	5MS	4.4	30S
760	IPPSN2020-760	IARI 20-9	20S	0	0	10S	40S	60S	15S	5MS	18.6	60S
760A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
761	IPPSN2020-761	IARI 20-10	10MS	0	0	0	5MS	20S	15S	TR	5.9	20S
762	IPPSN2020-762	IARI 20-11	60S	20S	10MS	20S	40S	40S	5S	40S	29.1	60S
763	IPPSN2020-763	IARI 20-12	5S	10S	0	TMR	0	10S	20S	40S	10.7	40S
764	IPPSN2020-764	IARI 20-13	5S	0	0	0	0	20MS	15S	0	4.5	20MS
765	IPPSN2020-765	IARI 20-14	5S	5S	0	0	0	10S	15S	0	4.4	15S
766	IPPSN2020-766	IARI 20-15	20S	5S	10S	10S	10S	60S	15S	0	16.3	60S
767	IPPSN2020-767	IARI 20-16	5S	0	0	0	0	20S	5S	20MS	5.8	20S
768	IPPSN2020-768	IARI 20-17	20S	10S	0	20S	20S	40S	0	0	13.8	40S
769	IPPSN2020-769	IARI 20-18	5S	0	10MS	0	0	20S	0	20MS	6.1	20S
770	IPPSN2020-770	IARI 20-19	10S	0	5MS	5S	0	20S	0	5MS	5.4	30S
771	IPPSN2020-771	IARI 20-20	5MS	10S	0	TMR	10MS	5S	15S	60S	12.8	60S
772	IPPSN2020-772	IARI 20-21	20S	0	0	5S	20S	40S	20S	40S	18.1	40S
773	IPPSN2020-773	IARI 20-22	0	0	0	5S	0	5S	15S	0	3.1	15S
774	IPPSN2020-774	IARI 20-23	5MS	5S	0	10S	0	10S	15S	TS	5.6	15S
775	IPPSN2020-775	IARI 20-24	10S	0	0	0	0	10S	15S	5MS	4.9	15S
776	IPPSN2020-776	IARI 20-25	40S	0	0	10S	10S	60S	0	0	15	60S
777	IPPSN2020-777	IARI 20-26	40S	0	0	5S	5MR	40S	30S	0	14.6	40S
778	IPPSN2020-778	IARI 20-27	TR	20S	0	5MR	0	10MS	15S	0	5.7	20S
779	IPPSN2020-779	IARI 20-28	5MS	0	0	5MR	TMR	10MS	15S	10S	4.9	15S
780	IPPSN2020-780	IARI 20-29	5MS	0	0	5MR	TMR	10S	15S	5MS	4.4	15S
780A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
781	IPPSN2020-781	IARI 20-30	5MS	0	5MS	0	10MS	10S	15S	60S	12.6	60S
782	IPPSN2020-782	IARI 20-31	40S	0	5MS	TMR	5MR	40S	60S	0	18.3	60S
783	IPPSN2020-783	IARI 20-32	5MS	10S	10MS	0	0	10MS	40S	0	8.8	40S
784	IPPSN2020-784	IARI 20-33	10S	0	5MS	5S	20S	40S	20S	5MS	12.9	40S
785	IPPSN2020-785	IARI 20-34	10MS	0	0	0	0	20MS	40S	10MS	9	40S
786	IPPSN2020-786	IARI 20-35	10MS	10S	5MS	5S	20S	20S	60S	0	15.9	60S
787	IPPSN2020-787	IARI 20-36	5S	0	5MS	5S	0	10S	40S	20S	10.5	40S
788	IPPSN2020-788	IARI 20-37	TS	0	0	0	0	10S	15S	20S	5.8	20S
789	IPPSN2020-789	IARI 20-38	0	10S	20MS	0	0	0	15S	5S	5.8	20MS
790	IPPSN2020-790	IARI 20-39	60S	60S	20MS	60S	80S	80S	15S	60S	53.9	80S
791	IPPSN2020-791	IARI 20-40	80S	40S	40S	60S	80S	80S	5S	60S	55.6	80S
792	IPPSN2020-792	IARI 20-41	60S	20S	0	20MR	60S	80S	20S	40S	36	80S
793	IPPSN2020-793	IARI 20-42	60S	60S	0	20S	80S	80S	15S	60S	46.9	80S
794	IPPSN2020-794	IARI 20-43	40S	0	20MS	20S	40S	60S	15S	5S	24.5	60S
795	IPPSN2020-795	IARI 20-44	60S	20S	5MS	60S	60S	80S	15S	60S	44.9	80S
796	IPPSN2020-796	IARI 20-45	20MS	0	40S	0	TMR	40S	15S	5S	14.6	40S
797	IPPSN2020-797	IARI 20-46	40S	20S	0	20S	40S	60S	30S	20S	28.8	60S
798	IPPSN2020-798	IARI 20-47	10S	0	20MS	5MS	0	10S	15S	40S	11.9	40S
799	IPPSN2020-799	IARI 20-48	40S	0	0	20S	10S	40S	15S	10MS	16.6	40S
800	IPPSN2020-800	IARI 20-49	20S	0	0	10S	5S	60S	15S	10MS	14.8	60S
800A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
801	IPPSN2020-801	IARI 20-50	10S	0	5MS	0	0	40S	15S	TS	8.8	40S
802	IPPSN2020-802	IARI 20-51	40S	0	0	20S	5MR	60S	15S	10S	18.4	60S
803	IPPSN2020-803	IARI 20-52	20S	10S	0	10MR	10S	60S	15S	TS	15	60S
804	IPPSN2020-804	IARI 20-53	20S	0	0	5MR	0	40S	15S	TR	9.7	40S
805	IPPSN2020-805	IARI 20-54	20S	0	20MS	5MR	0	40S	15S	TR	11.7	40S
806	IPPSN2020-806	IARI 20-55	20S	0	0	5S	0	60S	0	TR	10.7	60S
807	IPPSN2020-807	IARI 20-56	40S	20S	5MS	20S	40S	80S	0	10S	26.8	80S
808	IPPSN2020-808	IARI 20-57	60S	10S	0	20S	40S	60S	15S	TR	25.7	60S
809	IPPSN2020-809	IARI 20-58	20S	0	10MS	10S	10S	60S	15S	TR	15.4	60S
810	IPPSN2020-810	IARI 20-59	10MS	0	0	TMR	0	20MS	15S	5MS	5.4	20MS
811	IPPSN2020-811	IARI 20-60	20S	0	0	10S	10S	40S	40S	0	15	40S
812	IPPSN2020-812	IARI 20-61	0	10S	5MS	0	0	5MS	60S	0	9.8	60S
813	IPPSN2020-813	IARI 20-62	5S	0	0	TMR	0	10S	30S	0	5.7	30S
814	IPPSN2020-814	IARI 20-63	20S	0	0	5S	10S	40S	15S	TR	11.3	40S
815	IPPSN2020-815	IARI 20-64	10S	0	0	5S	0	20S	30S	0	8.1	30S
816	IPPSN2020-816	IARI 20-65	20MS	10S	10MS	5S	10S	40MS	15S	0	12	40MS
817	IPPSN2020-817	IARI 20-66	TS	0	0	TMR	0	5MS	15S	TS	2.7	15S
818	IPPSN2020-818	IARI 20-67	0	0	0	TMR	0	5MS	15S	0	2.4	15S
819	IPPSN2020-819	IARI 20-68	TS	0	5MS	0	0	10S	15S	0	3.8	15S
820	IPPSN2020-820	IARI 20-69	5MS	0	0	TMR	10S	10MS	20S	0	5.3	20S
820A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
821	IPPSN2020-821	IARI 20-70	20S	0	0	20S	10S	40S	20S	20S	16.3	40S
822	IPPSN2020-822	IARI 20-71	80S	20S	10MS	40S	80S	60S	20S	40S	43.5	80S
823	IPPSN2020-823	IARI 20-72	80S	20S	20MS	40S	80S	80S	30S	60S	50.8	80S

824	IPPSN2020-824	IARI 20-73	40S	10S	20MS	10S	40S	60S	20S	40S	29.5	60S
825	IPPSN2020-825	IARI 20-74	60S	0	10MS	20S	60S	60S	20S	40S	33.5	60S
826	IPPSN2020-826	IARI 20-75	80S	20S	20MS	60S	80S	60S	20S	20S	44.5	80S
827	IPPSN2020-827	IARI 20-76	60S	0	10MS	20S	20S	40S	30S	10S	23.5	60S
828	IPPSN2020-828	IARI 20-77	0	10S	0	5S	0	5MS	20S	20S	7.4	20S
829	IPPSN2020-829	IARI 20-78	TS	0	0	5MR	0	10S	30S	TR	5.4	30S
830	IPPSN2020-830	IARI 20-79	0	0	5MS	0	0	5MS	20S	TR	3.5	20S
831	IPPSN2020-831	IARI 20-80	0	0	0	5MR	0	5S	20S	0	3.4	20S
832	IPPSN2020-832	IARI 20-81	20S	0	10MS	5MR	10S	40S	0	TR	10	40S
833	IPPSN2020-833	IARI 20-82	5MS	0	10MS	0	10MR	5MS	0	5MS	3	5MS
834	IPPSN2020-834	IARI 20-83	5MS	0	0	5MR	TMR	10MS	0	0	1.8	10MS
835	IPPSN2020-835	IARI 20-84	5MS	0	0	0	5MR	10MS	0	0	1.8	10MS
836	IPPSN2020-836	IARI 20-85	5MS	0	5MS	5MR	5MR	5MS	0	0	2	5MS
837	IPPSN2020-837	IARI 20-86	5MS	0	0	5MR	5MR	10MS	0	10MR	2.5	10MS
838	IPPSN2020-838	IARI 20-87	0	0	0	5MR	0	5MS	0	5R	0.9	5MS
839	IPPSN2020-839	IARI 20-88	5MS	0	0	5MR	TR	5MS	0	5MS	1.8	5MS
840	IPPSN2020-840	IARI 20-89	5MS	0	0	TMR	5R	5MS	0	0	1.2	5MS
840A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
841	IPPSN2020-841	IARI 20-90	5MS	0	5MS	5MR	0	5MS	0	0	1.8	5MS
842	IPPSN2020-842	IARI 20-91	5MS	0	0	5MR	5R	5MS	15S	0	3.3	15S
843	IPPSN2020-843	IARI 20-92	TS	0	0	0	5MR	5MS	15S	0	2.8	15S
844	IPPSN2020-844	IARI 20-93	TS	0	0	5MR	0	5MS	0	0	0.9	5MS
845	IPPSN2020-845	IARI 20-94	10S	20S	0	0	0	10MS	0	TR	4.8	20S
846	IPPSN2020-846	IARI 20-95	20S	0	5MS	20S	5MR	40S	15S	TR	12.7	40S
847	IPPSN2020-847	IARI 20-96	10MS	0	0	5MR	0	20MS	15S	0	5.1	20MS
848	IPPSN2020-848	IARI 20-97	5S	0	0	0	0	10S	15S	0	3.8	15S
849	IPPSN2020-849	IARI 20-98	40S	0	10MS	5MR	5S	10S	15S	20MS	12	40S
850	IPPSN2020-850	IARI 20-99	40S	5S	0	10S	10S	40S	15S	10MS S	17.1	40S
851	IPPSN2020-851	IARI 20-100	20S	0	0	TMR	0	40S	15S	20MS	11.4	40S
852	IPPSN2020-852	IARI 20-101	40S	0	0	20S	10S	40S	5S	20S	16.9	40S
853	IPPSN2020-853	IARI 20-102	20S	0	10MS	10S	5S	40S	15S	0	12.3	40S
854	IPPSN2020-854	IARI 20-103	TS	0	0	0	0	10S	15S	5MS	3.8	15S
855	IPPSN2020-855	IARI 20-104	20S	0	0	20MS	5MR	40S	20S	0	12.3	40S
856	IPPSN2020-856	IARI 20-105	10S	0	0	10S	20S	10MS	15S	0	7.9	15S
857	IPPSN2020-857	IARI 20-106	5S	10S	5MS	5MR	0	5S	30S	TR	7	30S
858	IPPSN2020-858	IARI 20-107	20S	0	0	TMR	0	40S	5S	5S	8.8	40S
859	IPPSN2020-859	IARI 20-108	20S	0	0	0	0	40S	0	5S	8.1	40S
860	IPPSN2020-860	IARI 20-109	0	10S	0	0	0	0	20S	0	3.8	20S
860A	INFECTOR		80S	40S	40S	60S	80S	80S	40S	60S	60	80S
861	IPPSN2020-861	IARI 20-110	80S	10S	5MS	40S	80S	80S	15S	10MS	39.6	80S
862	IPPSN2020-862	IARI 20-111	60S	20S	0	40S	80S	80S	30S	10MS	39.8	80S
863	IPPSN2020-863	IARI 20-112	60S	10S	10MS	40S	80S	80S	40S	20MS	41.8	80S
864	IPPSN2020-864	IARI 20-113	60S	10S	20MS	40S	80S	80S	40S	20MS	42.8	80S
865	IPPSN2020-865	IARI 20-114	80S	20S	10MS	60S	80S	80S	60S	20S	51	80S
866	IPPSN2020-866	IARI 20-115	TS	0	0	5MR	TR	5S	15S	0	2.9	15S
867	IPPSN2020-867	IARI 20-116	5MS	0	0	5MR	0	10S	15S	0	3.9	15S
868	IPPSN2020-868	IARI 20-117	0	0	5MS	5MR	TR	5MS	0	0	1.3	5MS
869	IPPSN2020-869	IARI 20-118	5MS	0	0	10MR	0	5MS	15S	0	3.4	15S
870	IPPSN2020-870	IARI 20-119	40S	0	0	20S	40S	60S	30S	20S	26.3	60S
871	IPPSN2020-871	IARI 20-120	20S	0	0	10S	10MS	60S	20S	5S	15.4	60S
872	IPPSN2020-872	IARI 20-121	TS	0	10MS	0	0	5S	15S	10S	4.9	15S
873	IPPSN2020-873	IARI 20-122	20S	10S	10MS	5MR	5MR	40S	20S	0	12.8	40S
874	IPPSN2020-874	IARI 20-123	10S	10S	0	10S	5S	20S	15S	20MS	10.8	20S
875	IPPSN2020-875	IARI 20-124	20S	10S	0	10S	10MS	40S	15S	0	12.9	40S
876	IPPSN2020-876	IARI 20-125	20S	10S	0	20S	20MS	40S	20S	TR	15.8	40S
877	IPPSN2020-877	IARI 20-126	40S	0	5MS	20S	0	60S	15S	0	17.4	60S
878	IPPSN2020-878	IARI 20-127	TS	0	0	5S	0	0	20S	TR	3.3	20S
879	IPPSN2020-879	IARI 20-128	5S	0	0	0	0	0	15S	10MS	3.5	15S
880	IPPSN2020-880	IARI 20-129	0	0	0	0	0	0	20S	5MS	3	20S
880A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
881	IPPSN2020-881	IARI 20-130	0	0	0	0	0	0	20S	0	2.5	20S
882	IPPSN2020-882	IARI 20-131	0	0	0	0	0	0	5S	0	0.6	5S
883	IPPSN2020-883	IARI 20-132	5S	0	0	5MR	0	20S	10S	5S	5.3	20S
884	IPPSN2020-884	IARI 20-133	5S	0	10MS	10MS	0	20S	15S	5MS	7.5	20S
885	IPPSN2020-885	IARI 20-134	20S	0	0	10MR	20MS	40S	20S	0	12.5	40S
886	IPPSN2020-886	IARI 20-135	40S	0	60S	60S	40S	60S	15S	40S	39.4	60S
887	IPPSN2020-887	IARI 20-136	TS	0	0	0	0	5S	15S	10MS	3.6	15S
888	IPPSN2020-888	IARI 20-137	20S	0	10MS	5S	20S	40S	5S	0	12.3	40S
889	IPPSN2020-889	IARI 20-138	10S	0	0	10S	0	20S	40S	0	10	40S
890	IPPSN2020-890	IARI 20-139	20S	0	0	5MR	TMR	40S	20S	60S	17.8	60S
891	IPPSN2020-891	IARI 20-140	20S	0	10MS	5S	0	40S	15S	10MS	12	40S
892	IPPSN2020-892	IARI 20-141	5MS	10S	10MS	5MR	0	10MS	20S	10MS	7.5	20S
893	IPPSN2020-893	IARI 20-142	40S	0	10MS	10MS	10MS	20S	20S	10MS	14	40S
894	IPPSN2020-894	IARI 20-143	5S	0	0	20MS	0	5S	15S	10MS	6.1	20MS
895	IPPSN2020-895	IARI 20-144	0	0	0	TMR	0	0	15S	TR	2	15S
896	IPPSN2020-896	IARI 20-145	10S	0	0	0	10S	0	15S	TR	4.4	15S
897	IPPSN2020-897	IARI 20-146	5MS	5S	0	0	0	5MS	15S	0	3.5	15S
898	IPPSN2020-898	IARI 20-147	20S	0	0	5MS	10MS	10S	15S	0	7.1	20S

899	IPPSN2020-899	IARI 20-148	TS	0	0	0	0	10S	20S	0	3.9	20S
900	IPPSN2020-900	IARI 20-149	5MS	0	0	TMR	0	10MS	20S	10MS	5.1	20S
900A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
901	IPPSN2020-901	IARI 20-150	0	0	0	0	10MS	0	20S	10MS	4.5	20S
902	IPPSN2020-902	IARI 20-151	5S	0	0	20S	0	10S	15S	0	6.3	20S
903	IPPSN2020-903	IARI 20-152	TS	10S	0	0	0	0	15S	0	3.3	15S
904	IPPSN2020-904	IARI 20-153	0	10S	0	0	0	5MS	0	0	1.8	10S
905	IPPSN2020-905	IARI 20-154	0	10S	0	0	0	0	5S	0	1.9	10S
906	IPPSN2020-906	IARI 20-155	5MS	0	0	10MS	TR	5S	5S	TR	2.8	10MS
907	IPPSN2020-907	IARI 20-156	TS	10S	0	5MR	0	5S	0	TR	2.3	10S
908	IPPSN2020-908	IARI 20-157	0	0	0	TMS	0	5S	20S	0	3.2	20S
909	IPPSN2020-909	IARI 20-158	40S	0	10MS	20S	10S	40S	15S	0	16.6	40S
910	IPPSN2020-910	IARI 20-159	10MS	0	5MS	10S	10MS	20S	5S	0	6.9	20S
911	IPPSN2020-911	IARI 20-160	0	0	10MS	5MR	0	5S	5S	0	2.5	10MS
912	IPPSN2020-912	IARI 20-161	5S	0	5MS	0	0	5S	20S	0	4.3	20S
913	IPPSN2020-913	IARI 20-162	5S	0	0	20MR	0	10S	40S	0	7.9	40S
914	IPPSN2020-914	IARI 20-163	5MS	0	0	0	0	10MS	15S	10MS	4.4	15S
915	IPPSN2020-915	IARI 20-164	TS	10S	0	0	0	5S	15S	10MS	4.9	15S
916	IPPSN2020-916	IARI 20-165	TR	0	0	5S	0	5S	15S	TR	3.2	15S
917	IPPSN2020-917	IARI 20-166	20S	20S	0	40S	20S	40S	5S	TMS	18.2	40S
918	IPPSN2020-918	IARI 20-167	20S	0	0	40S	20S	40S	15S	0	16.9	40S
919	IPPSN2020-919	IARI 20-168	5S	0	0	5MR	10MS	10S	15S	0	5	15S
920	IPPSN2020-920	IARI 20-169	40S	20S	10MS	20S	40S	60S	20S	10MS	27	60S
920A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
921	IPPSN2020-921	IARI 20-170	20S	10S	0	10S	10MR	40S	30S	5MS	14.8	40S
922	IPPSN2020-922	IARI 20-171	20S	10S	10MS	5MR	10MS	60S	20S	20MS	18	60S
923	IPPSN2020-923	IARI 20-172	5MS	0	0	0	10MR	5MS	15S	10MS	4.4	15S
924	IPPSN2020-924	IARI 20-173	TS	10S	0	5MR	0	5S	15S	0	4.1	15S
925	IPPSN2020-925	IARI 20-174	20S	10S	0	5S	0	40S	20S	0	11.9	40S
926	IPPSN2020-926	IARI 20-175	5S	10S	0	0	0	20S	5S	0	5	20S
927	IPPSN2020-927	P 13582	40S	10S	0	40S	10S	60S	15S	5MS	22.4	60S
928	IPPSN2020-928	P 13590	10S	0	0	5S	0	20S	15S	0	6.3	20S
929	IPPSN2020-929	P 13633	40S	0	0	20S	5MR	40S	30S	0	16.5	40S
930	IPPSN2020-930	P 13644	5MS	0	0	20S	0	10MS	15S	0	5.9	20S
931	IPPSN2020-931	P 13645	5MS	10S	0	5MR	TMR	10MS	0	TR	3.1	10S
932	IPPSN2020-932	P 13673	TS	0	0	5MR	0	5MS	0	TR	0.9	5MS
933	IPPSN2020-933	P 13733	0	10S	0	5MR	0	10MS	15S	TR	4.4	15S
934	IPPSN2020-934	P 13757	5MS	10S	0	0	0	10S	40S	0	8	40S
935	IPPSN2020-935	P 13769	5MS	20S	0	5S	0	10S	60S	0	12.4	60S
936	IPPSN2020-936	P 13775	TS	0	0	TMR	0	5S	20S	20MS	5.3	20S
937	IPPSN2020-937	P 13793	0	0	0	5MR	0	5S	15S	0	2.8	15S
938	IPPSN2020-938	P 13810	0	10S	0	5MR	0	5S	15S	0	4	15S
939	IPPSN2020-939	P 13816	5S	10S	0	10S	0	10S	10S	0	5.6	10S
940	IPPSN2020-940	P 13818	5MS	0	0	10MS	0	10MS	10S	0	3.8	10S
940A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
941	IPPSN2020-941	P 13822	5MS	10S	0	5MR	TMR	5MS	40S	TR	7.6	40S
942	IPPSN2020-942	P 13829	5S	0	0	5MR	0	10S	30S	5MS	6.4	30S
943	IPPSN2020-943	P 13839	20S	0	0	10S	5MR	40S	15S	0	10.9	40S
944	IPPSN2020-944	P 13869	10S	0	0	20S	5MR	20S	15S	0	8.4	20S
945	IPPSN2020-945	P 13888	40S	0	10MS	20S	10S	40S	15S	TR	16.7	40S
946	IPPSN2020-946	P 13900	10S	10S	0	10S	0	20S	15S	0	8.1	20S
947	IPPSN2020-947	P 13901	10S	0	0	0	5MR	20S	15S	0	5.9	20S
948	IPPSN2020-948	P 13905	5MS	0	0	5MR	5MR	5MS	20S	0	4	20S
949	IPPSN2020-949	P 13908	20S	10S	0	20MR	10MS	40S	20S	0	13.3	40S
950	IPPSN2020-950	P 13919	5S	20S	0	20S	0	10S	20S	20MS	11.4	20S
951	IPPSN2020-951	P 13929	5S	10S	0	10MR	0	10S	15S	5MS	6	15S
952	IPPSN2020-952	P 13932	10S	0	0	10MR	5MS	20S	20S	20MS	9.3	20S
953	IPPSN2020-953	P 13934	20S	0	0	20S	10MS	40S	20S	20MS	15.5	40S
954	IPPSN2020-954	P 13938	10S	0	0	10MR	0	20S	30S	10MR	8.5	30S
955	IPPSN2020-955	P 13939	20S	0	10MS	10MR	0	40S	15S	10MS	11.9	40S
956	IPPSN2020-956	P 13940	5MS	0	0	10MR	0	10S	20S	10MS	5.8	20S
957	IPPSN2020-957	P 13941	5S	0	0	20S	0	10S	20S	10S	8.1	20S
958	IPPSN2020-958	P 13942	40S	0	0	10MR	10S	40S	20S	0	14.3	40S
959	IPPSN2020-959	P 13946	40S	20S	0	20S	20S	60S	15S	0	21.9	60S
960	IPPSN2020-960	P 13967	TS	0	0	5MR	0	5S	20S	0	3.5	20S
960A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
961	IPPSN2020-961	P 13973	40S	0	10MS	20S	20S	40S	20S	0	18.5	40S
962	IPPSN2020-962	P 13974	5S	0	0	10S	0	5MS	15S	0	4.3	15S
963	IPPSN2020-963	P 13977	5S	0	0	10MS	0	10S	15S	10MS	5.8	15S
964	IPPSN2020-964	P 13979	TS	0	0	5S	0	10S	15S	10MS	4.9	15S
965	IPPSN2020-965	P 13980	5S	0	0	0	5MR	10S	5S	TR	2.8	10S
966	IPPSN2020-966	P 13981	20S	10S	0	5S	5MS	20S	15S	0	9.3	20S
967	IPPSN2020-967	P 13982	5S	10S	0	5S	0	10S	15S	0	5.6	15S
968	IPPSN2020-968	P 13988	TS	0	0	5MR	0	5MS	0	0	0.9	5MS
969	IPPSN2020-969	P 13993	10S	0	0	10S	10S	10S	15S	0	6.9	15S
970	IPPSN2020-970	P 13994	5S	0	0	10S	10S	10S	10S	5MS	6.1	10S
971	IPPSN2020-971	P 13999	5S	0	0	10MS	10MS	5MS	10S	20S	6.9	20S
972	IPPSN2020-972	P 14000	5S	0	0	5MR	0	0	5S	0	1.5	5S
973	IPPSN2020-973	P 14022	20S	0	0	5MR	10S	20S	15S	0	8.4	20S

974	IPPSN2020-974	P 14034	40S	10S	0	20S	10S	40S	15S	10MS	17.9	40S
975	IPPSN2020-975	P 14041	5S	0	0	10S	10S	10S	15S	TR	6.3	15S
976	IPPSN2020-976	P 14048	5S	0	0	10MS	5MR	10S	10S	TMS	4.5	10S
977	IPPSN2020-977	P 14061	10S	10S	0	10MR	10S	10S	5S	TMS	6.2	10S
978	IPPSN2020-978	P 14090	0	0	0	5MR	0	5MS	15S	10MS	3.6	15S
979	IPPSN2020-979	P 14103	20S	20S	5MS	10MS	0	20S	15S	5R	11	20S
980	IPPSN2020-980	P 14114	20S	20S	5MS	20S	20S	20S	40S	0	18	40S
980A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
981	IPPSN2020-981	P 14115	0	0	5MS	20S	10MS	5MS	15S	0	6.4	15S
982	IPPSN2020-982	P 14225	0	10S	5MS	5MR	TMR	5S	15S	0	4.6	15S
983	IPPSN2020-983	P 8127	5MS	0	5MS	5MR	TR	5MS	0	TR	1.8	5MS
984	IPPSN2020-984	P 8228	TS	0	0	TMR	TMR	10MS	0	20MS	3.2	20MS
985	IPPSN2020-985	P 8229	5S	0	0	5S	0	5MS	0	0	1.8	5S
986	IPPSN2020-986	P 8241	0	0	0	5MR	0	0	0	0	0.3	5MR
987	IPPSN2020-987	PWU 14	80S	0	20MS	60S	80S	60S	40S	0	42	80S
988	IPPSN2020-988	PWU-15	80S	40S	10MS	60S	80S	60S	60S	40S	53.5	80S
989	IPPSN2020-989	PWU-16	40S	40S	40S	40S	40S	60S	40S	40S	42.5	60S
990	IPPSN2020-990	PWU-17	40S	0	10MS	40S	10MR	40S	20S	20S	21.5	40S
991	IPPSN2020-991	PWU-18	5MS	0	0	40S	5MR	5MS	15S	5MS	8.6	40S
992	IPPSN2020-992	PWU-19	5MS	0	0	10S	5R	5MS	15S	0	4.3	15S
993	IPPSN2020-993	BCW 12	5MS	0	0	10S	TMR	10S	20S	0	5.6	20S
994	IPPSN2020-994	BCW 18	5S	0	0	20S	10S	10S	15S	0	7.5	20S
995	IPPSN2020-995	RWP-TS-15	TS	0	0	5S	0	5S	15S	0	3.3	15S
996	IPPSN2020-996	RWP-TS-27	5S	0	0	5MR	0	10S	0	10S	3.4	10S
997	IPPSN2020-997	RWP-TS-24	TS	0	0	TMR	0	10S	0	10S	2.7	10S
998	IPPSN2020-998	RWP-TS-26	5S	0	0	0	0	10S	15S	0	3.8	15S
999	IPPSN2020-999	RWP-TS-23	5S	0	0	0	0	10S	5S	0	2.5	10S
1000	IPPSN2020-1000	RWP-TS-17	0	0	0	TMR	0	TS	5S	10MS	1.8	10MS
1000A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1001	IPPSN2020-1001	RWP-TS-33	5S	10S	0	0	0	10S	15S	10S	6.3	15S
1002	IPPSN2020-1002	RWP-TS-16	TS	10S	0	0	40S	5S	15S	20S	11.4	40S
1003	IPPSN2020-1003	RWP-TS-11	5S	0	0	0	0	5S	5S	0	1.9	5S
1004	IPPSN2020-1004	RWP-TS-13	0	0	0	0	0	5S	20S	5MS	3.6	20S
1005	IPPSN2020-1005	RWP-TS-28	5S	0	0	5MR	0	10S	15S	0	4	15S
1006	IPPSN2020-1006	RWP-TS-01	0	0	0	5MR	0	5S	20S	10MS	4.4	20S
1007	IPPSN2020-1007	NEP-TS-14	5S	0	0	5S	0	10S	30S	0	6.3	30S
1008	IPPSN2020-1008	NEP-TS-4	TS	0	5MS	5MR	0	10S	15S	0	4	15S
1009	IPPSN2020-1009	NEP-TS-7	20S	0	0	20S	0	40S	15S	10MS	12.9	40S
1010	IPPSN2020-1010	NEP-TS-1	TS	0	0	10S	0	10MS	30S	TS	6.3	30S
1011	IPPSN2020-1011	NEP-TS-18	5S	0	0	0	0	10S	20S	TR	4.4	20S
1012	IPPSN2020-1012	DWAP-TS-14	20S	0	0	TMR	10S	40S	15S	0	10.7	40S
1013	IPPSN2020-1013	DWAP-TS-13	20S	0	0	10S	10S	40S	15S	0	11.9	40S
1014	IPPSN2020-1014	DWAP-TS-21	20S	0	10MS	10S	20S	40S	15S	20MS	16.1	40S
1015	IPPSN2020-1015	DWAP-TS-22	5MS	0	5MS	5MR	0	5S	15S	5MS	4.3	15S
1016	IPPSN2020-1016	BST-A-TS-20	5S	0	0	5S	0	10S	20S	10MS	6	20S
1017	IPPSN2020-1017	BST-A-TS-05	0	10S	0	0	0	5S	15S	20S	6.3	20S
1018	IPPSN2020-1018	BST-A-TS-09	5S	0	0	5MR	0	10S	20S	5S	5.3	20S
1019	IPPSN2020-1019	BST-A-TS-07	20S	0	0	0	40S	40S	20S	0	15	40S
1020	IPPSN2020-1020	BST-A-TS-10	20S	0	0	0	10S	40S	20S	0	11.3	20S
1020A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1021	IPPSN2020-1021	BST-A-TS-19	40S	0	20MS	20S	40S	40S	20S	10MS	23	40S
1022	IPPSN2020-1022	BST-A-TS-04	10S	0	5MS	10S	20S	20S	15S	10MS	10.9	20S
1023	IPPSN2020-1023	QYT-TS-15	20S	0	0	10S	10MR	40S	15S	5S	11.8	40S
1024	IPPSN2020-1024	QYT-TS-12	5S	0	10MS	10S	10S	10S	15S	0	7.3	15S
1025	IPPSN2020-1025	QYT-TS-08	10S	0	0	10MS	TMR	40S	15S	40S	14.2	40S
1026	IPPSN2020-1026	QYT-TS-14	10S	0	0	5MS	10MS	40S	30S	40S	16.5	40S
1027	IPPSN2020-1027	QYT-TS-06	5S	0	0	5S	0	10S	20S	0	5	20S
1028	IPPSN2020-1028	QYT-TS-03	5S	0	0	TMR	0	10S	15S	TS	3.9	15S
1029	IPPSN2020-1029	GRU/2019-20/12	5S	0	0	0	0	10S	20S	TS	4.5	20S
1030	IPPSN2020-1030	RWP-TS-29	20S	0	5MS	40S	10S	60S	40S	5MS	22.3	60S
1031	IPPSN2020-1031	RWP-TS-19	5S	10S	20MS	20S	0	10S	20S	0	10.1	20S
1032	IPPSN2020-1032	RWP-TS-03	5S	0	0	10S	5MR	10S	15S	0	5.3	15S
1033	IPPSN2020-1033	RWP-TS-35	5S	0	0	10S	10S	10S	0	0	4.4	10S
1034	IPPSN2020-1034	RWP-TS-36	20S	0	0	40S	20S	40S	15S	0	16.9	40S
1035	IPPSN2020-1035	RWP-TS-22	20S	0	0	10S	0	20S	5S	0	6.9	20S
1036	IPPSN2020-1036	RWP-TS-38	0	0	0	0	0	TS	20S	5MS	3.1	20S
1037	IPPSN2020-1037	RWP-TS-25	10S	0	0	5MS	5S	10S	15S	0	5.5	15S
1038	IPPSN2020-1038	NEP-TS-23	20S	10S	0	5MS	5MS	10S	40S	10MS	12	40S
1039	IPPSN2020-1039	DWAP-TS-04	20S	0	0	10S	20S	40S	20S	0	13.8	40S
1040	IPPSN2020-1040	DWAP-TS-29	5S	0	0	5MS	0	5S	15S	0	3.6	15S
1040A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1041	IPPSN2020-1041	DWAP-TS-07	40S	0	10MS	40S	20S	60S	20S	5MS	24	60S
1042	IPPSN2020-1042	DWAP-TS-26	20S	0	5MS	10S	10S	40S	15S	5MS	12.9	40S
1043	IPPSN2020-1043	DWAP-TS-28	5MS	0	0	5MR	5MR	5S	15S	10S	4.8	15S
1044	IPPSN2020-1044	BST-D-TS-04	0	0	0	0	5R	10MS	20S	10S	4.9	20S
1045	IPPSN2020-1045	BST-A-TS-25	20S	0	0	20S	20MS	40S	20S	20S	17	40S
1046	IPPSN2020-1046	BST-A-TS-15	5MS	0	0	5MR	0	5MS	20S	0	3.8	20S
1047	IPPSN2020-1047	BST-A-TS-26	5MS	0	5MS	TMR	0	5S	20S	40S	9.2	40S

1048	IPPSN2020-1048	BST-A-TS-17	10S	0	10MS	5MR	40S	20S	15S	40S	16.9	40S
1049	IPPSN2020-1049	BST-A-TS-14	10S	0	0	5MR	40S	20S	15S	10MS	11.9	40S
1050	IPPSN2020-1050	QYT-TS-20	5S	10S	0	5MR	0	10S	5S	40MS	8	40MS
1051	IPPSN2020-1051	QYT-TS-02	5MS	10S	10MS	5MR	0	10MS	10S	20MS	7.3	20MS
1052	IPPSN2020-1052	QYT-TS-25	5S	0	0	0	0	40S	15S	0	7.5	40S
1053	IPPSN2020-1053	PYT-TS-SR-15	40S	10S	10MS	20MS	20S	60S	15S	0	21.1	60S
1054	IPPSN2020-1054	RWP-IR-LS-13	5S	0	0	10S	0	5S	15S	TR	4.4	15S
1055	IPPSN2020-1055	RWP-IR-LS-07	5MS	0	0	5MS	0	TS	15S	TR	3	15S
1056	IPPSN2020-1056	RWP-IR-LS-12	5MS	0	0	5MR	0	5S	5S	TR	2	5S
1057	IPPSN2020-1057	RWP-IR-LS-05	TS	0	0	0	0	5S	5S	0	1.4	5S
1058	IPPSN2020-1058	RWP-IR-LS-10	5MS	10S	0	0	TMR	10S	0	20S	5.6	20S
1059	IPPSN2020-1059	RWP-IR-LS-04	5MS	0	0	0	0	5MS	15S	10MS	3.9	15S
1060	IPPSN2020-1060	RWP-IR-LS-02	5S	0	0	0	0	5MS	20S	5S	4.3	20S
1060A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1061	IPPSN2020-1061	RWP-IR-LS-06	5S	0	0	5MR	0	10S	20S	0	4.6	20S
1062	IPPSN2020-1062	NEPZ-LS-24	0	0	0	5S	0	5S	0	0	1.3	5S
1063	IPPSN2020-1063	NEPZ-LS-25	10S	0	0	5MR	0	5S	0	10MS	3.1	10S
1064	IPPSN2020-1064	NEPZ-LS-08	20S	0	0	5MR	5MR	40S	0	5S	8.6	40S
1065	IPPSN2020-1065	NEPZ-LS-17	10S	0	0	5MR	10MS	20S	0	10S	6.3	20S
1066	IPPSN2020-1066	NEPZ-LS-04	5S	0	10MS	0	0	10S	0	0	2.9	10S
1067	IPPSN2020-1067	NEPZ-LS-12	10S	0	0	10S	10MR	10S	0	TR	4.3	10S
1068	IPPSN2020-1068	NEPZ-LS-09	10S	0	0	10S	0	5S	0	TR	3.2	10S
1069	IPPSN2020-1069	DWAP-LS-06	10S	0	0	5S	0	10S	0	TMS	3.2	10S
1070	IPPSN2020-1070	DWAP-LS-07	20S	0	0	5S	40S	20S	0	5S	11.3	40S
1071	IPPSN2020-1071	DWAP-LS-11	40S	10S	0	20MS	20S	40S	0	0	15.8	40S
1072	IPPSN2020-1072	DWAP-LS-08	20S	0	0	5MS	20S	40S	0	0	10.5	40S
1073	IPPSN2020-1073	DWAP-LS-13	5S	0	0	10MS	10S	10S	0	0	4.1	10S
1074	IPPSN2020-1074	DWAP-LS-16	5S	0	0	10S	0	5S	0	5MS	3	10S
1075	IPPSN2020-1075	DWAP-LS-19	40S	0	0	20S	10S	60S	0	5MS	16.8	60S
1076	IPPSN2020-1076	DWAP-LS-14	20S	0	0	10S	10MS	40S	0	10MS	10.8	40S
1077	IPPSN2020-1077	BST-A-LS-01	10S	0	0	10S	0	20S	0	0	5	20S
1078	IPPSN2020-1078	BST-A-LS-10	60S	0	10MS	20S	10S	40S	0	TMS	17.4	60S
1079	IPPSN2020-1079	BST-A-LS-02	5S	0	0	5MR	0	10S	15S	0	4	15S
1080	IPPSN2020-1080	BST-A-LS-07	TR	0	0	10S	0	10S	15S	0	4.4	15S
1080A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	40S	62.5	80S
1081	IPPSN2020-1081	BST-A-LS-03	20S	10S	0	5MR	40S	40S	15S	5MS	16.4	40S
1082	IPPSN2020-1082	QYT-LS-1944	20S	0	10MS	10S	10S	40S	5S	5MS	12.1	40S
1083	IPPSN2020-1083	QYT-LS-1950	10S	0	0	5MR	10MS	20S	15S	0	6.9	20S
1084	IPPSN2020-1084	QYT-LS-1943	5S	0	0	0	0	5S	15S	0	3.1	15S
1085	IPPSN2020-1085	QYT-LS-1958	5MS	0	0	5S	10S	15S	0	0	5.5	15S
1086	IPPSN2020-1086	GRU/2019-20/13	5S	0	0	10S	0	10S	5S	0	3.8	10S
1087	IPPSN2020-1087	RWP-RI-14	60S	0	0	20S	40S	60S	30S	40S	31.3	60S
1088	IPPSN2020-1088	RWP-RI-16	5MS	0	0	10MS	0	10MS	15S	10MS	5.4	15S
1089	IPPSN2020-1089	RWP-RI-02	TR	0	0	0	0	5S	15S	10MS	3.5	15S
1090	IPPSN2020-1090	RWP-RI-06	20S	0	0	5S	20MS	40S	15S	10MS	13	40S
1091	IPPSN2020-1091	RWP-RI-17	5S	0	0	5MR	10MS	5S	15S	5MS	4.9	15S
1092	IPPSN2020-1092	RWP-RI-07	5MS	0	10MS	0	0	5S	15S	0	4	15S
1093	IPPSN2020-1093	RWP-RI-15	5MS	10S	5MS	10MS	0	5S	20S	5S	7	20S
1094	IPPSN2020-1094	RWP-RI-19	0	0	5MS	5MR	0	5S	15S	0	3.3	15S
1095	IPPSN2020-1095	NEPZ-RI-15	5MS	0	10MS	5MR	0	10S	15S	0	4.9	15S
1096	IPPSN2020-1096	NEPZ-RI-06	5MS	0	0	5MR	0	10S	15S	0	3.9	15S
1097	IPPSN2020-1097	NEPZ-RI-03	40S	0	10MS	20S	20MS	60S	20S	0	20.5	60S
1098	IPPSN2020-1098	NEPZ-RI-14	TS	0	0	10S	0	10S	15S	0	4.5	15S
1099	IPPSN2020-1099	DWAP-10	5MS	0	0	5S	TMR	5S	15S	0	3.7	15S
1100	IPPSN2020-1100	DWAP-04	60S	0	5MS	20S	20MS	60S	20S	0	22.5	60S
1100A	INFECTOR		80S	60S	60S	60S	80S	80S	80S	60S	70	80S
1101	IPPSN2020-1101	DWAP-19	60S	0	10MS	10MS	0	60S	20S	40S	24.5	60S
1102	IPPSN2020-1102	DWAP-06	10MS	0	10MS	20S	10MR	20MS	15S	40S	13.9	40S
1103	IPPSN2020-1103	BST-A-RI-1905	TS	0	0	20S	0	10S	15S	10MS	6.8	20S
1104	IPPSN2020-1104	BST-A-RI-1904	60S	0	20MS	20S	10MS	60S	15S	20MS	24.4	60S
1105	IPPSN2020-1105	BST-A-RI-1907	10S	10S	0	10MS	0	5S	5S	0	4.8	10S
1106	IPPSN2020-1106	QYT-RI-1926	20S	0	5MS	20S	5S	40S	15S	20S	15.5	40S
1107	IPPSN2020-1107	QYT-RI-1941	20S	0	20MS	10S	10MS	60S	15S	10MS	17.1	60S
1108	IPPSN2020-1108	GRU/2019-20/14	20S	10S	5MS	5S	10MR	40S	15S	10MS	13.3	40S
1109	IPPSN2020-1109	HUWL2001	20S	0	10MS	10S	10S	60S	15S	40S	20.4	60S
1110	IPPSN2020-1110	HUWL2002	60S	20S	40MS	20S	40S	60S	15S	40S	35.9	60S
1111	IPPSN2020-1111	HUWL2003	60S	20S	60MS	20S	40S	60S	20S	20S	36	60S
1112	IPPSN2020-1112	HUWL2004	60S	20S	20MS	20S	40S	60S	40S	40S	37	60S
1113	IPPSN2020-1113	HUWL2005	40S	NG	NG	10S	NG	60S	30S	10MS	29.6	60S
1114	IPPSN2020-1114	HUWL2006	80S	20S	20MS	40S	80S	80S	60S	60S	54.5	80S
1115	IPPSN2020-1115	HUWL2007	60S	20S	0	20S	60S	60S	40S	10S	33.8	60S
1116	IPPSN2020-1116	HUWL2008	60S	40S	20MS	40S	40S	60S	20S	10S	35.8	60S
1117	IPPSN2020-1117	HUWL2009	40S	NG	NG	NG	NG	60S	30S	0	32.5	60S
1118	IPPSN2020-1118	HUWL2010	60S	20S	0	20S	10MS	40S	30S	10S	23.5	60S

1119	IPPSN2020-1119	HUWL2011	40S	NG	0	NG	10S	40S	20S	10MS	19.7	40S
1120	IPPSN2020-1120	HUWL2012	40S	20S	0	20S	40S	60S	20S	20MS	27	60S
1120A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S
1121	IPPSN2020-1121	HUWL2013	40S	20S	0	5S	NG	40S	5S	20MS	18	40S
1122	IPPSN2020-1122	HUWL2014	60S	40S	0	20S	40S	60S	20S	20S	32.5	60S
1123	IPPSN2020-1123	HUWL2015	40S	10S	0	10S	10MS	40S	20S	10MS	17	40S
1124	IPPSN2020-1124	HUWL2016	40S	20S	0	20S	10MR	60S	30S	40S	26.8	60S
1125	IPPSN2020-1125	HUWL2017	60S	20S	20MS	40S	20S	60S	30S	TS	30.9	60S
1126	IPPSN2020-1126	HUWL2018	60S	10S	10MS	20S	40S	60S	15S	20S	29.1	60S
1127	IPPSN2020-1127	HUWL2019	20S	0	10MS	10S	10MS	40S	10S	0	12	40S
1128	IPPSN2020-1128	HUWL2020	60S	10S	0	10S	10MS	60S	5S	10MS	20.1	60S
1129	IPPSN2020-1129	HUWL2021	20S	0	20MS	5MS	0	40S	TS	20MS	12.1	40S
1130	IPPSN2020-1130	HUWL2022	40S	0	20MS	5S	20S	40S	TS	20S	17.8	40S
1131	IPPSN2020-1131	HUWL2023	40S	10S	20MS	5S	20S	40S	20S	20S	21.4	40S
1132	IPPSN2020-1132	HUWL2024	40S	10S	40S	10S	40S	40S	15S	0	24.4	40S
1133	IPPSN2020-1133	HUWL2025	20S	0	20MS	5S	TMR	20MS	5S	10MS	8.8	20S
1134	IPPSN2020-1134	HUWL2026	40S	0	0	10S	10MR	40S	20S	20S	16.8	40S
1135	IPPSN2020-1135	HUWL2027	40S	0	10MS	10S	10S	40S	15S	TR	15.4	40S
1136	IPPSN2020-1136	HUWL2028	20S	10S	10MS	0	5S	40S	15S	0	12.3	40S
1137	IPPSN2020-1137	HUWL2029	40S	20S	20MS	5S	10S	40S	15S	40S	23.3	40S
1138	IPPSN2020-1138	HUWL2030	10S	0	0	5MR	TMR	20S	15S	5MS	6.4	20S
1139	IPPSN2020-1139	HUWL2031	10S	10S	0	5S	20S	20S	15S	10MS	11	20S
1140	IPPSN2020-1140	HUWL2032	20S	0	5MS	20S	10MS	40S	30S	10MS	16.3	40S
1140A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1141	IPPSN2020-1141	HUWL2033	40S	20S	10MS	20S	40S	40S	15S	TR	22.9	40S
1142	IPPSN2020-1142	HUWL2034	20S	10S	5MS	0	10MS	40S	20S	TR	12.8	40S
1143	IPPSN2020-1143	HUWL2035	60S	20S	20MS	20S	10S	60S	20S	20MS	27.8	60S
1144	IPPSN2020-1144	HUWL2036	20S	0	20MS	0	TMR	20S	15S	10S	10.2	20S
1145	IPPSN2020-1145	HUWL2037	10S	10S	20MS	0	0	10S	5S	TR	6.4	20MS
1146	IPPSN2020-1146	HUWL2038	10MS	10S	40S	0	10S	10S	5S	10MS	11.4	40S
1147	IPPSN2020-1147	HUWL2039	NG	NG	NG	NG	NG	NG	15S	NG	15	15S
1148	IPPSN2020-1148	HUWL2040	40S	20S	20MS	10S	40S	40S	30S	20MS	26.5	40S
1149	IPPSN2020-1149	BW17R2038	40S	10S	40S	10S	40S	60S	20S	TR	27.5	60S
1150	IPPSN2020-1150	BW17R6045	5MS	0	10MS	10MS	10S	60S	60S	TR	18.8	60S
1151	IPPSN2020-1151	Sahib 2603	40S	20S	20MS	20S	40S	60S	20S	TR	27	60S
1152	IPPSN2020-1152	920(d)	TS	0	0	0	10MR	5MS	20S	0	3.6	20S
1153	IPPSN2020-1153	926	60S	60S	10MS	40S	80S	80S	60S	0	48.5	80S
1154	IPPSN2020-1154	946	40S	0	0	5MS	10MS	60S	20S	TR	16.5	60S
1155	IPPSN2020-1155	948	40S	0	5MS	10S	60S	80S	30S	10MS	29	80S
1156	IPPSN2020-1156	1006	60S	10S	40S	10MS	10MS	80S	20S	20MS	30.3	80S
1157	IPPSN2020-1157	1013	60S	20S	20MS	20S	80S	60S	20S	40S	39.5	80S
1158	IPPSN2020-1158	1117	10S	20S	0	5S	0	20S	30S	10MS	11.6	30S
1159	IPPSN2020-1159	1119	40S	10S	20MS	10MS	10MS	60S	20S	TR	20.3	60S
1160	IPPSN2020-1160	1216	40S	10S	10MS	10S	40S	60S	40S	20S	28.5	60S
1160A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1161	IPPSN2020-1161	1322	60S	0	10MS	10S	5MR	80S	15S	20S	24.4	80S
1162	IPPSN2020-1162	RAUW 11	NG	NG	NG	NG	NG	NG	15S	10MS	11.5	15S
1163	IPPSN2020-1163	RAUW 12	NG	10S	NG	NG	NG	NG	5S	10MS	7.7	10MS
1164	IPPSN2020-1164	RAUW 13	20S	10S	40S	20S	10S	60S	15S	10MS	22.9	60S
1165	IPPSN2020-1165	RAUW 14	0	NG	NG	NG	NG	0	5S	TR	1.3	5S
1166	IPPSN2020-1166	RAUW 15	0	0	NG	0	10MR	5S	15S	TR	3.5	15S
1167	IPPSN2020-1167	WR 2065	60S	0	20MS	10S	20S	60S	15S	TR	22.7	60S
1168	IPPSN2020-1168	WR 2066	40S	10S	0	20S	10S	60S	15S	20MS	21.4	60S
1169	IPPSN2020-1169	WR 2067	20S	20S	0	0	0	40S	15S	TR	11.9	40S
1170	IPPSN2020-1170	WR 2068	10S	0	0	5S	0	60S	15S	10MS	12.3	60S
1171	IPPSN2020-1171	WR 2069	10S	0	5MS	5S	10MR	40S	0	TR	7.9	40S
1172	IPPSN2020-1172	WR 2070	10S	0	10MS	5S	5MR	60S	5S	TR	11.3	60S
1173	IPPSN2020-1173	WR 2071	5S	0	10MS	0	TMR	40S	15S	20MS	10.6	40S
1174	IPPSN2020-1174	WR 2072	60S	10S	40S	5MS	20S	60S	15S	TR	26.2	60S
1175	IPPSN2020-1175	WR 2073	10S	0	0	5MR	0	20S	20S	10MS	7.5	20S
1176	IPPSN2020-1176	WR 2074	5S	0	5MS	5MR	0	10S	20S	TR	5.2	20S
1177	IPPSN2020-1177	WR 2075	10S	0	0	0	10S	20S	15S	10MS	7.9	20S
1178	IPPSN2020-1178	WR 2076	20S	0	0	5S	0	60S	20S	TR	13.2	60S
1179	IPPSN2020-1179	WR 2077	20S	0	0	0	5MS	40S	20S	10MS	11.5	40S
1180	IPPSN2020-1180	WR 2078	20S	0	10MS	TMR	10S	40S	20S	20S	14.8	40S
1180A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1181	IPPSN2020-1181	WR 2079	TS	0	10MS	5S	0	10MR	20S	5MS	5.3	20S
1182	IPPSN2020-1182	WR 2080	40S	0	40S	10S	40S	40S	15S	10S	24.4	40S
1183	IPPSN2020-1183	WR 2081	20S	0	40S	0	20S	40S	20S	0	17.5	40S
1184	IPPSN2020-1184	WR 2082	40S	10S	20MS	10MS	10MS	60S	15S	TR	19.7	60S
1185	IPPSN2020-1185	WR 2083	20S	0	20MS	0	20S	40S	5S	10S	13.9	40S
1186	IPPSN2020-1186	WR 2084	20S	0	10MS	5MR	10MS	40S	5S	10S	11.6	40S
1187	IPPSN2020-1187	WR 2085	40S	0	10MS	20S	20S	60S	5S	5S	19.8	60S
1188	IPPSN2020-1188	WR 2086	10MS	0	0	0	0	20MS	15S	0	4.9	20MS
1189	IPPSN2020-1189	WR 2087	10S	0	0	0	0	20MS	20S	0	5.8	20S
1190	IPPSN2020-1190	WR 2088	10S	0	0	0	0	10S	15S	TR	4.4	15S
1191	IPPSN2020-1191	WR 2089	10S	0	10MS	5MR	0	20S	15S	TR	6.9	20S
1192	IPPSN2020-1192	WR 2090	40S	0	0	20S	10S	60S	20S	10MS	19.8	60S
1193	IPPSN2020-1193	WR 2091	20S	0	0	10MS	10MS	40S	5S	0	10.1	40S

1194	IPPSN2020-1194	WR 2092	20S	0	0	20S	10MS	40S	15S	0	12.9	40S
1195	IPPSN2020-1195	WR 2093	20S	0	0	0	TMR	40S	15S	10S	10.7	40S
1196	IPPSN2020-1196	WR 2094	20S	0	5MS	0	0	40S	15S	10S	11.1	40S
1197	IPPSN2020-1197	WR 2095	20S	0	0	0	5MR	40S	15S	0	9.6	40S
1198	IPPSN2020-1198	WR 2096	5S	0	0	0	0	10S	5S	0	2.5	10S
1199	IPPSN2020-1199	WR 2097	5MS	0	0	5S	0	5MS	15S	0	3.5	15S
1200	IPPSN2020-1200	WR 2098	5S	0	20MS	10S	10S	10S	20S	0	8.9	20S
1200A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S
1201	IPPSN2020-1201	WR 2099	60S	0	0	20MS	20S	40S	30S		23.7	60S
1202	IPPSN2020-1202	WR 2100	10S	0	0	5S	10MR	5MS	20S	5MS	5.9	20S
1203	IPPSN2020-1203	WR 2101	40S	0	0	20S	20S	40S	20S	10S	18.8	40S
1204	IPPSN2020-1204	WR 2102	TS	0	0	5S	0	10S	20S	10S	5.8	20S
1205	IPPSN2020-1205	WR 2103	10S	0	0	0	0	20S	15S	10S	6.9	20S
1206	IPPSN2020-1206	WR 2104	40S	0	0	20S	40S	40S	15S	10S	20.6	40S
1207	IPPSN2020-1207	WR 2105	20S	0	0	10S	20S	20S	0	20S	11.3	20S
1208	IPPSN2020-1208	WR 2106	10S	0	20MS	20S	10S	60S	30S	0	18.3	60S
1209	IPPSN2020-1209	WR 2107	10S	0	5MS	20S	20S	20S	15S	0	11.1	20S
1210	IPPSN2020-1210	WR 2108	40S	0	20MS	20S	40S	60S	20S	0	24.5	60S
1211	IPPSN2020-1211	WR 2109	40S	10S	40S	10S	40S	40S	30S	5MS	26.8	40S
1212	IPPSN2020-1212	WR 2110	10S	0	20MS	0	0	10S	15S	5MS	6.9	20MS
1213	IPPSN2020-1213	WR 2111	40S	40S	5MS	10S	40S	60S	30S	0	28	60S
1214	IPPSN2020-1214	WR 2112	20S	0	20MS	0	40S	40S	15S	0	16.4	40S
1215	IPPSN2020-1215	WR 2113	20S	0	10MS	5S	20S	40S	15S	0	13.5	40S
1216	IPPSN2020-1216	WR 2114	10S	0	5MS	5MR	10S	20S	20S	0	8.3	20S
1217	IPPSN2020-1217	TAW40	40S	0	20MS	40S	80S	60S	15S	10MS	32.4	80S
1218	IPPSN2020-1218	TAW41	40S	0	40S	20S	40S	60S	20S	5MS	28	40S
1219	IPPSN2020-1219	TAW66	10S	0	0	10MS	20S	20S	30S	10S	12.3	30S
1220	IPPSN2020-1220	TAW90	20S	20S	10MS	5S	40S	40S	20S	0	19.1	40S
1220A	INFECTOR		80S	60S	60S	60S	80S	80S	80S	60S	70	80S
1221	IPPSN2020-1221	TAW99	20S	10S	5MS	5MR	40S	40S	20S	10S	18.3	40S
1222	IPPSN2020-1222	TAW100	40S	10S	20MS	20S	60S	40S	15S	40S	30.1	60S
1223	IPPSN2020-1223	TAW101	40S	20S	40S	40S	80S	60S	15S	5MS	37.4	80S
1224	IPPSN2020-1224	TAW76	10S	0	5MS	10S	5S	20S	20S	5S	9.3	20S
1225	IPPSN2020-1225	TAW77	5S	0	0	5MR	0	10S	0	5S	2.8	10S
1226	IPPSN2020-1226	TAW121	20S	0	20MS	10S	10S	40S	15S	0	13.9	40S
1227	IPPSN2020-1227	TAW133	5S	0	0	10MR	10MR	10S	20S	0	5.4	20S
1228	IPPSN2020-1228	TAW142	10S	0	0	10MR	10S	10S	15S	TR	6.2	15S
1229	IPPSN2020-1229	BWL 6801	10S	0	0	0	0	20S	40S	TR	8.8	40S
1230	IPPSN2020-1230	BNSR-6	40S	0	10MS	10MS	20S	40S	40S	TR	19.5	40S
1231	IPPSN2020-1231	UP 3101	TR	0	20MS	10S	0	40S	20S	0	10.8	40S
1232	IPPSN2020-1232	IND 573	80S	60S	60S	60S	100S	80S	15S	0	56.9	100S
1233	IPPSN2020-1233	MACS 6823	40S	20S	NG	5MR	5MR	20S	15S	5MS	14.7	40S
1234	IPPSN2020-1234	QLD 117	TS	NG	10MS	10S	5MS	10S	0	0	4.7	10S
1235	IPPSN2020-1235	MACS 6821	60S	60S	40S	40S	60S	60S	15S	0	41.9	60S
1236	IPPSN2020-1236	NEQ-2020-2	10S	0	NG	5MR	0	20S	20S	0	7.4	20S
1237	IPPSN2020-1237	BWL 9986	20S	10S	20MS	5MR	20S	20S	0	TR	11	20S
1238	IPPSN2020-1238	UASQ 331	0	0	NG	0	TMR	0	0	10S	1.5	10S
1239	IPPSN2020-1239	CG 2021	20S	40S	60S	40S	60S	80S	15S	20MS	41.4	80S
1240	IPPSN2020-1240	MACS 6822	TS	10S	10MS	10S	20S	10S	15S	10S	10.5	20S
1240A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1241	IPPSN2020-1241	QLD 120	10MS	0	0	5S	20S	10S	0	10MS	6.4	20S
1242	IPPSN2020-1242	UP 3104	10S	0	10MS	5MR	0	40S	0	5MS	8	40S
1243	IPPSN2020-1243	GW-A-2020-999	40S	60S	20MS	40S	80S	60S	20S	5MS	40	80S
1244	IPPSN2020-1244	DWAP-2026	60S	40S	20MS	40S	60S	80S	0	5MS	37.5	80S
1245	IPPSN2020-1245	ID 2017	0	0	10MS	0	0	10S	0	0	2.3	10S
1246	IPPSN2020-1246	DWAP 1926	TS	0	5MS	0	0	40S	0	TR	5.7	40S
1247	IPPSN2020-1247	BWL 9981	10MS	0	40S	0	20S	40S	0	10MS	14.5	40S
1248	IPPSN2020-1248	MACS 6824	TS	0	0	NG	0	40S	15S	20MS	10.3	40S
1249	IPPSN2020-1249	QLD 119	40S	20S	5MS	NG	NG	60S	30S	0	25.7	60S
1250	IPPSN2020-1250	IND 572	20S	20S	40S	40S	60S	60S	5S	10S	31.9	60S
1251	IPPSN2020-1251	QLD 121	20S	0	10MS	10S	TMR	40S	15S	0	11.7	40S
1252	IPPSN2020-1252	QBI-19 - 09	20S	10S	10MS	10S	5MR	40S	15S	0	13.1	40S
1253	IPPSN2020-1253	QLD 118	5S	0	20MS	10S	10S	40S	5S	TR	10.8	40S
1254	IPPSN2020-1254	GW - A- 2019-955	40S	0	10MS	20S	20S	40S	5S	TR	16.7	40S
1255	IPPSN2020-1255	QBI 19-27	40S	0	20MS	20S	40S	40S	30S	TMS	23.4	40S
1256	IPPSN2020-1256	QBP-18-15	20S	0	40S	10S	40S	40S	5S	TMS	19.5	40S
1257	IPPSN2020-1257	RWP 1002	0	0	10MS	10MR	0	10S	10S	0	4	10S
1258	IPPSN2020-1258	QBI-20-20	20S	0	20MS	5S	0	40S	15S	10S	13.3	40S
1259	IPPSN2020-1259	GW-A-2020-1002	40S	10S	40S	40S	80S	60S	10S	20MS	37	80S
1260	IPPSN2020-1260	QLD 122	5S	0	5MS	5S	0	10S	5S	10S	4.9	10S
1260A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1261	IPPSN2020-1261	CG 2023	60S	40S	40S	60S	80S	60S	60S	0	50	80S
1262	IPPSN2020-1262	DWAP 1925	20S	20S	20MS	20S	10MR	40S	20S	5MS	18	40S
1263	IPPSN2020-1263	QBI-20-14	TS	0	10MS	0	5S	10MS	5S	5MS	3.9	10MS
1264	IPPSN2020-1264	QBI 19-24	20S	0	40S	10S	20S	60S	5S	10S	20.6	60S
1265	IPPSN2020-1265	GW-A-2020-	40S	20S	10MS	20MR	40S	60S	30S	0	25.8	60S

		998											
1266	IPPSN2020-1266	QLD 123	10S	0	5MS	0	0	20S	15S	0	6.1	20S	
1267	IPPSN2020-1267	RWP 1146	5S	0	0	0	0	20S	15S	TMS	5.1	20S	
1268	IPPSN2020-1268	DWAP-2025	10S	0	5MS	10S	5MR	40S	10S	TMS	9.6	20S	
1269	IPPSN2020-1269	QBI-20-9	20S	0	40S	0	40S	60S	15S	0	21.9	60S	
1270	IPPSN2020-1270	BNSR-7	40S	0	40S	20MS	40S	60S	10S	10MS	26.8	60S	
1271	IPPSN2020-1271	HTW 2019-21	60S	10S	20MS	40S	80S	40S	30S	10MS	35.5	80S	
1272	IPPSN2020-1272	GW-A-2019-957	20S	0	20MS	20MS	40S	40S	15S	5MS	18.9	40S	
1273	IPPSN2020-1273	QBI-19 - 15	40S	10S	40S	40S	20S	60S	20S	0	28.8	60S	
1274	IPPSN2020-1274	GW - (d)-2019-987	5MS	0	5MS	10MR	10MR	10MS	0	0	3	10MS	
1275	IPPSN2020-1275	UASQ 330	20S	0	10MS	20S	5R	40S	0	TMS	11.2	40S	
1276	IPPSN2020-1276	NEQ-2020-1	20S	0	0	10MR	0	40S	5S	10MS	9.6	40S	
1277	IPPSN2020-1277	DBW88-1	20S	0	20MS	10MR	10MS	40S	10S	0	12.3	40S	
1278	IPPSN2020-1278	DBW88-2	40S	10S	40S	20S	40S	60S	20S	TMS	28.9	60S	
1279	IPPSN2020-1279	DBW88-3	0	0	40S	10S	0	40S	5S	0	11.9	40S	
1280	IPPSN2020-1280	DBW88-4	20S	0	20MS	10MR	10S	60S	5S	20MS	16.4	60S	
1280A	INFECTOR		80S	60S	60S	60S	80S	80S	80S	60S	70	80S	
1281	IPPSN2020-1281	DBW88-5	40S	0	10MS	20S	10S	60S	5S	10MS	18.9	60S	
1282	IPPSN2020-1282	DBW88-6	40S	0	40S	40S	20S	60S	20S	0	27.5	60S	
1283	IPPSN2020-1283	DBW88-7	20S	0	20MS	10S	10S	60S	5S	0	15.1	60S	
1284	IPPSN2020-1284	DBW88-8	0	0	10MS	10S	0	40S	0	0	7.3	40S	
1285	IPPSN2020-1285	DBW88-9	20S	0	40S	10MS	5S	40S	0	TR	14.2	40S	
1286	IPPSN2020-1286	DBW88-10	20S	0	40S	10S	20S	40S	5S	TMS	17	40S	
1287	IPPSN2020-1287	DBW88-11	20S	10S	40S	10S	10S	40S	5S	20MS	18.9	40S	
1288	IPPSN2020-1288	DBW88-12	40S	0	20MS	40S	20S	40S	5S	10S	21.4	40S	
1289	IPPSN2020-1289	DBW88-13	40S	20S	20MS	20S	40S	60S	5S	10S	26.4	60S	
1290	IPPSN2020-1290	DBW88-14	40S	20S	40S	40S	20S	60S	5S	5MS	28.6	60S	
1291	IPPSN2020-1291	DBW88-15	0	0	5MS	5S	40S	40S	20S	0	13.6	40S	
1292	IPPSN2020-1292	DBW88-16	0	0	5MS	5S	5S	40S	20S	0	9.3	40S	
1293	IPPSN2020-1293	DBW88-17	5S	0	5MS	5S	0	20S	15S	0	6.1	20S	
1294	IPPSN2020-1294	DBW88-18	5S	0	0	0	5S	20S	15S	0	5.6	20S	
1295	IPPSN2020-1295	DBW88-19	TS	0	5MS	0	10S	40S	15S	20S	11.3	40S	
1296	IPPSN2020-1296	DBW88-20	40S	10S	20MS	40S	40S	40S	15S	10S	26.4	40S	
1297	IPPSN2020-1297	DBW88-21	20S	0	40S	10S	20S	60S	0	5MS	19.3	60S	
1298	IPPSN2020-1298	DBW88-22	40S	0	40S	20S	20S	60S	15S	5MS	24.9	60S	
1299	IPPSN2020-1299	DBW88-23	10S	0	10MS	5S	0	20S	15S	0	7.3	20S	
1300	IPPSN2020-1300	DBW88-24	40S	10S	20MS	20S	40S	60S	15S	TMS	25.2	60S	
1300A	INFECTOR		80S	40S	40S	60S	80S	80S	80S	60S	65	80S	
1301	IPPSN2020-1301	KRL-2001	40S	0	0	20S	20S	40S	15S	5MS	17.4	40S	
1302	IPPSN2020-1302	KRL-2006	5S	0	0	20S	10S	40S	15S	5MS	11.8	40S	
1303	IPPSN2020-1303	KRL-2009	0	0	5MS	10S	0	40S	15S	10S	9.9	40S	
1304	IPPSN2020-1304	KRL-2011	5S	0	0	5S	10S	10S	20S	20S	8.8	20S	
1305	IPPSN2020-1305	KRL-2012	TS	0	0	5MR	0	10S	15S	0	3.5	15S	
1306	IPPSN2020-1306	KRL-2017	5S	0	5MS	10S	20S	10S	20S	0	8.6	20S	
1307	IPPSN2020-1307	KRL-2018	40S	0	20MS	20S	40S	60S	20S	0	24.5	60S	
1308	IPPSN2020-1308	KRL-2023	20S	0	10MS	20S	40S	40S	0	5MS	16.5	40S	
1309	IPPSN2020-1309	KRL-2026	5S	0	20MS	TMR	5S	10S	0	0	4.6	20MS	
1310	IPPSN2020-1310	KRL-2027	5S	0	10MS	0	10S	10S	5S	0	4.8	10S	
1311	IPPSN2020-1311	RWP1116	TS	0	5MS	TMR	0	10MS	20S	0	4.2	20S	
1312	IPPSN2020-1312	RWP1119	40S	0	5MS	10MR	20S	40S	0	TMS	13.6	40S	
1313	IPPSN2020-1313	LBP-2019-14	40S	10S	10MS	20S	40S	60S	0	TMS	22.4	60S	
1314	IPPSN2020-1314	LBP-2019-21	40S	10S	20MS	10S	20S	60S	0	TMS	19.6	60S	
1315	IPPSN2020-1315	LBP-2019-31	0	0	10MS	0	0	0	0	10S	2.3	10S	
1316	IPPSN2020-1316	DWAP2022	TS	0	20MS	0	10S	20S	0	10S	7.1	20S	
1317	IPPSN2020-1317	DWAP2023	10S	0	5MS	0	10S	20S	0	0	5.5	20S	
1318	IPPSN2020-1318	DWAP2024	40S	20S	5MS	40S	40S	60S	0	TMS	25.6	60S	
1319	IPPSN2020-1319	SANSR-8	60S	20S	0	40S	60S	60S	0	TMS	30.1	60S	
1320	IPPSN2020-1320	SANSR-9	40S	10S	10MS	40S	40S	40S	0	TMS	22.4	40S	
1320A	INFECTOR		80S	60S	40S	60S	80S	80S	80S	60S	67.5	80S	
1321	IPPSN2020-1321	HD3414	10S	10S	5MS	5MS	10S	40S	5S	10S	11.6	40S	
1322	IPPSN2020-1322	HD3415	10S	0	10MS	20S	5MS	20S	20S	20MS	12.3	20S	
1323	IPPSN2020-1323	K1901	TS	0	0	0	0	5MS	15S	0	2.5	15S	
1324	IPPSN2020-1324	K1905	40S	20S	0	20S	10S	40S	15S	0	18.1	40S	
1325	IPPSN2020-1325	NW-8003	10S	0	5MS	10S	10MS	40S	15S	0	10.9	40S	
1326	IPPSN2020-1326	NW-8005	5MS	0	5MS	5MR	10S	10MS	5S	10S	5.4	10S	
1327	IPPSN2020-1327	WH1278	10S	0	0	5MR	0	20S	15S	10S	7.1	20S	
1328	IPPSN2020-1328	WH1283	0	0	0	5MR	0	5MS	5S	20MS	3.4	20MS	
1329	IPPSN2020-1329	BWL5179	0	0	0	0	0	0	0	5MS	0.5	5MS	
1330	IPPSN2020-1330	BWL6851	TS	0	5MS	0	10MS	5MS	0	5MS	2.6	10MS	
1331	IPPSN2020-1331	RAJ4564	TS	0	5MS	0	0	5MS	20S	5MS	4.1	20S	
1332	IPPSN2020-1332	RAJ4565	5S	0	0	20S	0	10S	15S	5MS	6.8	20S	
1333	IPPSN2020-1333	UASS300	TS	0	0	10S	5S	10S	5S	0	3.9	10S	
1334	IPPSN2020-1334	UASS310	20S	5S	0	10S	20S	40S	15S	0	13.8	40S	
1335	IPPSN2020-1335	KRL210 ©	5S	0	20MS	5S	0	5MS	15S	TR	5.7	20MS	
1336	IPPSN2020-1336	KRL19 ©	80S	20S	40S	40S	60S	60S	15S	5MS	39.9	80S	
1337	IPPSN2020-1337	CST-1	TS	0	5MS	0	0	5MS	15S	0	3	15S	
1338	IPPSN2020-1338	CST-2	10S	0	20MS	0	40S	20S	15S	0	12.6	40S	

1339	IPPSN2020-1339	CST-3	20S	0	40S	10S	20S	40S	15S	0	18.1	40S
1340	IPPSN2020-1340	CST-4	5MS	10S	20MS	5MR	0	5S	15S	5MS	7	20MS
1340A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1341	IPPSN2020-1341	CST-5	10MS	0	20MS	5S	5MR	20S	5S	5MS	7.5	20S
1342	IPPSN2020-1342	CST-6	TS	0	20MS	0	10S	10MS	5S	0	5	20MS
1343	IPPSN2020-1343	CST-7	5MS	0	40S	0	TMR	10S	15S	0	8.7	40S
1344	IPPSN2020-1344	CST-8	0	0	10MS	0	5MR	5MS	5S	0	2.4	10MS
1345	IPPSN2020-1345	CST-9	40S	20S	5MS	5S	40S	60S	20S	10S	24.9	60S
1346	IPPSN2020-1346	CST-10	5S	0	20MS	10S	10MR	10S	10S	10S	8.1	20MS
1347	IPPSN2020-1347	CST-11	5S	0	40S	0	40S	10S	5S	5MS	13	40S
1348	IPPSN2020-1348	CST-12	5S	0	0	10S	5S	10S	5S	5MS	4.9	10S
1349	IPPSN2020-1349	CST-13	10S	0	0	0	0	20S	5S	0	4.4	20S
1350	IPPSN2020-1350	CST-14	5S	0	20MS	0	10S	10S	15S	TR	7	20MS
1351	IPPSN2020-1351	CST-15	5S	0	20MS	0	0	10S	5S	TR	4.5	20MS
1352	IPPSN2020-1352	CST-16	5S	0	5MS	0	0	5S	5S	0	2.4	5S
1353	IPPSN2020-1353	CST-17	5S	0	10MS	10S	5MR	10S	5S	TMS	5.1	10S
1354	IPPSN2020-1354	CST-18	5S	0	10MS	5S	0	5S	5S	10MS	4.5	10MS
1355	IPPSN2020-1355	CST-19	5S	0	0	5MS	0	10S	5S	20S	5.5	20S
1356	IPPSN2020-1356	CST-20	20S	0	20MS	5S	20S	40S	TS	20S	15.3	40S
1357	IPPSN2020-1357	CST-21	20S	10S	20MS	5S	40S	40S	20S	10MS	19.9	40S
1358	IPPSN2020-1358	CST-22	5S	0	10MS	5MR	10S	20S	5S	20S	8.8	20S
1359	IPPSN2020-1359	CST-23	20S	10S	10MS	5MR	10S	40S	5S	20S	14.4	40S
1360	IPPSN2020-1360	CST-24	20S	10S	20MS	5MR	20S	40S	5S	5MS	14.6	40S
1360A	INFECTOR		80S	40S	60S	60S	80S	80S	80S	60S	67.5	80S
1361	IPPSN2020-1361	CST-25	0	0	10MS	0	5MR	5S	20S	5MS	4.9	20S
1362	IPPSN2020-1362	WSM 138	20S	10S	20MS	20S	40S	60S	5S	5MS	21.9	60S

IPPSN 2020-21**Foliar blight**

No.	Entry code	Entry	Faizabad	Pusa	Varanasi	Kalyani	Sabour	Mean	HS
1	IPPSN2020-1	BWL7720	35	23	24	12	35	24	35
2	IPPSN2020-2	BWL7721	46	34	24	12	36	34	46
3	IPPSN2020-3	BWL7722	47	23	24	12	36	24	47
4	IPPSN2020-4	BWL7723	46	34	24	14	45	35	46
5	IPPSN2020-5	BWL7724	35	34	24	23	35	34	35
6	IPPSN2020-6	BWL7725	46	23	24	35	46	35	46
7	IPPSN2020-7	BWL7726	35	23	35	34	47	35	47
8	IPPSN2020-8	BWL7727	36	23	24	36	36	35	36
9	IPPSN2020-9	BWL7728	47	23	46	25	45	35	47
10	IPPSN2020-10	BWL7729	46	23	24	24	37	35	46
11	IPPSN2020-11	BWL7730	58	23	12	34	36	35	58
12	IPPSN2020-12	BWL7731	67	23	12	36	45	35	67
13	IPPSN2020-13	BWL7732	68	23	24	25	46	35	68
14	IPPSN2020-14	BWL7733	35	45	35	24	46	35	46
15	IPPSN2020-15	BWL7734	46	45	24	35	47	35	47
16	IPPSN2020-16	BWL7735	67	35	24	34	45	45	67
17	IPPSN2020-17	BWL7736	24	12	1	23	36	23	36
18	IPPSN2020-18	BWL7737	57	35	24	24	46	35	57
19	IPPSN2020-19	BWL7738	68	35	35	35	57	46	68
20	IPPSN2020-20	BWL7739	57	34	35	34	67	45	67
20A	INFECTOR		78	46	68	56	79	67	79
21	IPPSN2020-21	BWL7740	79	34	45	24	57	46	79
22	IPPSN2020-22	BWL7741	78	35	67	24	45	46	78
23	IPPSN2020-23	BWL7742	78	23	24	23	46	35	78
24	IPPSN2020-24	BWL7743	68	34	35	34	46	45	68
25	IPPSN2020-25	BWL7744	78	34	35	12	56	45	78
26	IPPSN2020-26	BWL7745	78	35	67	34	45	56	78
27	IPPSN2020-27	BWL7746	67	45	67	46	36	56	67
28	IPPSN2020-28	BWL7747	57	34	24	36	35	35	57
29	IPPSN2020-29	BWL7748	68	34	35	47	36	46	68
30	IPPSN2020-30	BWL7749	78	45	46	35	45	46	78
31	IPPSN2020-31	BWL7750	68	45	57	36	46	46	68
32	IPPSN2020-32	BWL7751	78	45	78	24	57	56	78
33	IPPSN2020-33	BWL7752	69	34	46	35	45	46	69
34	IPPSN2020-34	BWL7753	67	23	35	46	36	45	67
35	IPPSN2020-35	BWL7754	78	23	46	36	36	46	78
36	IPPSN2020-36	BWL7755	57	23	46	35	36	35	57
37	IPPSN2020-37	BWL7756	46	34	35	35	45	35	46
38	IPPSN2020-38	BWL7757	67	35	35	23	56	45	67
39	IPPSN2020-39	BWL7758	57	23	35	34	45	35	57
40	IPPSN2020-40	BWL 7466	47	23	24	34	45	35	47
40A	INFECTOR		78	47	78	78	79	68	79
41	IPPSN2020-41	BWL 8231	47	23	35	34	46	35	47
42	IPPSN2020-42	BWL 8846	57	23	35	56	36	45	57
43	IPPSN2020-43	BWL 8878	45	35	46	45	46	45	46
44	IPPSN2020-44	BWL 8946	67	34	45	45	46	45	67
45	IPPSN2020-45	BWL 8965	57	23	35	34	45	35	57
46	IPPSN2020-46	BWL 9042	67	34	46	34	45	45	67
47	IPPSN2020-47	BWL 9074	46	23	35	12	45	34	46
48	IPPSN2020-48	BWL 9107	57	23	24	25	35	35	57
49	IPPSN2020-49	BWL 9168	67	45	46	23	46	45	67
50	IPPSN2020-50	BWL 9183	58	23	35	25	35	35	58
51	IPPSN2020-51	BWL 9187	78	23	12	24	35	34	78

52	IPPSN2020-52	BWL 9228	57	23	24	25	45	35	57
53	IPPSN2020-53	BWL 9242	78	34	35	23	46	45	78
54	IPPSN2020-54	BWL 9244	67	35	46	25	47	46	67
55	IPPSN2020-55	BWL 9264	57	34	46	24	47	46	57
56	IPPSN2020-56	BWL 9297	78	23	35	23	45	45	78
57	IPPSN2020-57	BWL 9304	57	34	24	23	36	35	57
58	IPPSN2020-58	BWL 9307	68	34	24	23	36	35	68
59	IPPSN2020-59	BWL 9312	67	34	46	34	36	45	67
60	IPPSN2020-60	BWL 9330	78	35	67	23	45	46	78
60A	INFECTOR		78	46	78	56	79	67	79
61	IPPSN2020-61	BWL 9344	57	23	24	23	45	34	57
62	IPPSN2020-62	BWL 9421	35	23	46	34	35	35	46
63	IPPSN2020-63	BWL 9437	67	23	35	24	45	35	67
64	IPPSN2020-64	BWL 9440	46	23	24	24	45	34	46
65	IPPSN2020-65	BWL 9449	47	23	46	23	56	35	56
66	IPPSN2020-66	BWL 9453	57	34	35	34	56	45	57
67	IPPSN2020-67	BWL 9455	46	23	25	34	45	35	46
68	IPPSN2020-68	BWL 9461	36	23	24	34	45	34	45
69	IPPSN2020-69	BWL 9472	57	23	24	23	37	35	57
70	IPPSN2020-70	BWL 9499	57	35	24	24	36	35	57
71	IPPSN2020-71	BWL 9505	46	34	46	23	45	35	46
72	IPPSN2020-72	BWL 9508	67	34	12	23	36	34	67
73	IPPSN2020-73	BWL 9509	46	23	24	34	35	34	46
74	IPPSN2020-74	BWL 9512	35	23	12	23	36	24	36
75	IPPSN2020-75	BWL 9520	46	23	35	34	35	35	46
76	IPPSN2020-76	BWL 9525	67	45	24	23	56	45	67
77	IPPSN2020-77	BWL 9749	68	35	24	23	57	45	68
78	IPPSN2020-78	BWL 9752	57	34	24	34	45	35	57
79	IPPSN2020-79	BWL 9755	45	45	24	23	45	34	45
80	IPPSN2020-80	BWL 9758	68	45	13	34	46	45	68
80A	INFECTOR		78	47	67	78	79	68	79
81	IPPSN2020-81	BWL 9762	57	35	57	23	56	46	57
82	IPPSN2020-82	BWL 9799	46	45	24	24	35	35	46
83	IPPSN2020-83	BWL 9800	57	34	24	25	35	35	57
84	IPPSN2020-84	BWL 9805	47	34	35	24	34	35	47
85	IPPSN2020-85	BWL 9851	57	23	24	13	35	34	57
86	IPPSN2020-86	BWL 9869	35	23	24	34	35	34	35
87	IPPSN2020-87	BWL 9889	36	23	46	35	36	35	46
88	IPPSN2020-88	BWL 9914	46	23	35	45	34	35	46
89	IPPSN2020-89	BWL 9915	57	34	35	45	35	45	57
90	IPPSN2020-90	BWL 9916	46	34	46	35	45	45	46
91	IPPSN2020-91	BWL 9921	35	34	35	45	36	35	45
92	IPPSN2020-92	BWL 9922	47	23	24	23	45	34	47
93	IPPSN2020-93	BWL 9923	57	23	46	35	36	35	57
94	IPPSN2020-94	BWL 9924	35	23	57	35	36	35	57
95	IPPSN2020-95	BWL 9925	36	23	24	34	36	35	36
96	IPPSN2020-96	BWL 9926	46	23	35	23	36	35	46
97	IPPSN2020-97	BWL 9927	35	23	35	34	36	35	36
98	IPPSN2020-98	BWL 9928	46	34	35	24	45	35	46
99	IPPSN2020-99	BWL 9929	35	35	24	23	47	35	47
100	IPPSN2020-100	BWL 9930	46	23	35	23	46	35	46
100A	INFECTOR		78	46	68	56	79	67	79
101	IPPSN2020-101	BWL 9931	46	23	46	45	36	35	46
102	IPPSN2020-102	BWL 9932	57	34	67	45	45	46	67
103	IPPSN2020-103	BWL 9933	57	34	35	34	46	45	57
104	IPPSN2020-104	BWL 9934	46	34	35	56	36	45	56

105	IPPSN2020-105	BWL 9935	35	34	46	45	36	35	46
106	IPPSN2020-106	BWL 9936	36	45	57	34	45	45	57
107	IPPSN2020-107	BWL 9937	47	23	35	34	36	35	47
108	IPPSN2020-108	BWL 9938	35	23	35	34	46	35	46
109	IPPSN2020-109	BWL 9939	46	35	57	34	56	46	57
110	IPPSN2020-110	BWL 9940	36	23	57	23	36	35	57
111	IPPSN2020-111	BWL 9941	57	23	57	24	45	45	57
112	IPPSN2020-112	BWL 9942	47	34	46	34	45	45	47
113	IPPSN2020-113	BWL 9945	35	23	35	23	36	34	36
114	IPPSN2020-114	BWL 9946	46	35	35	34	25	35	46
115	IPPSN2020-115	BWL 9948	35	34	46	34	36	35	46
116	IPPSN2020-116	BWL 9949	46	35	57	34	45	45	57
117	IPPSN2020-117	BWL 9951	35	23	35	34	56	35	56
118	IPPSN2020-118	BWL 9954	57	23	35	12	36	35	57
119	IPPSN2020-119	BWL 9958	46	23	46	12	37	35	46
120	IPPSN2020-120	BWL 9960	57	35	67	23	56	46	67
120A	INFECTOR		78	46	78	57	79	68	79
121	IPPSN2020-121	BWL 9962	67	45	35	13	46	45	67
122	IPPSN2020-122	BWL 9965	35	34	46	13	45	35	46
123	IPPSN2020-123	BWL 9966	24	23	46	34	36	35	46
124	IPPSN2020-124	BWL9967	35	23	35	35	37	35	37
125	IPPSN2020-125	BWL9968	24	23	57	45	36	35	57
126	IPPSN2020-126	BWL9969	36	23	35	34	36	35	36
127	IPPSN2020-127	BWL9970	46	34	46	34	45	45	46
128	IPPSN2020-128	BWL9971	24	23	34	35	36	34	36
129	IPPSN2020-129	BWL9972	35	23	35	12	36	24	36
130	IPPSN2020-130	BWL9973	36	23	35	47	36	35	47
131	IPPSN2020-131	BWL9974	47	35	46	46	45	46	47
132	IPPSN2020-132	BWL9975	35	34	35	35	45	35	45
133	IPPSN2020-133	BWL9976	46	23	35	47	45	35	47
134	IPPSN2020-134	BWL9977	35	23	24	46	24	34	46
135	IPPSN2020-135	BWL9978	46	35	46	45	45	45	46
136	IPPSN2020-136	BWL9979	57	23	35	34	36	35	57
137	IPPSN2020-137	WG2107	24	23	24	14	24	24	24
138	IPPSN2020-138	WG2112	35	34	35	23	24	34	35
139	IPPSN2020-139	WG2113	46	35	46	23	24	35	46
140	IPPSN2020-140	WG2115	57	23	46	34	56	45	57
140A	INFECTOR		78	47	67	58	79	68	79
141	IPPSN2020-141	WG2120	35	23	35	35	57	35	57
142	IPPSN2020-142	WG2121	24	23	24	35	45	34	45
143	IPPSN2020-143	WG2130	24	23	24	47	36	35	47
144	IPPSN2020-144	WG2133	25	23	24	56	45	35	56
145	IPPSN2020-145	WG2152	46	34	46	46	36	46	46
146	IPPSN2020-146	WG2157	46	23	35	46	56	45	56
147	IPPSN2020-147	WG2173	24	35	46	35	45	35	46
148	IPPSN2020-148	WG2176	35	23	46	45	45	35	46
149	IPPSN2020-149	WG2194	24	23	35	45	36	35	45
150	IPPSN2020-150	WG2195	46	23	24	36	37	35	46
151	IPPSN2020-151	WG2205	24	23	35	24	34	24	35
152	IPPSN2020-152	WG2206	24	23	1	25	37	24	37
153	IPPSN2020-153	WG2207	35	23	35	26	37	35	37
154	IPPSN2020-154	WG2220	46	23	35	34	24	34	46
155	IPPSN2020-155	WG2233	35	23	46	34	24	34	46
156	IPPSN2020-156	WG2248	24	34	57	35	45	35	57
157	IPPSN2020-157	WG2251	36	34	68	26	37	36	68
158	IPPSN2020-158	WG2296	24	23	35	25	36	25	36

159	IPPSN2020-159	WG2297	46	23	35	24	36	35	46
160	IPPSN2020-160	DWG2339	36	34	46	35	36	35	46
160A	INFECTOR		78	46	78	36	79	67	79
161	IPPSN2020-161	DWG2352	36	34	35	35	56	35	56
162	IPPSN2020-162	DWG2358	24	34	35	34	37	35	37
163	IPPSN2020-163	DW574	36	34	35	24	45	35	45
164	IPPSN2020-164	DW575	24	35	67	34	45	45	67
165	IPPSN2020-165	DW576	35	24	67	35	56	45	67
166	IPPSN2020-166	DW577	46	35	67	24	34	45	67
167	IPPSN2020-167	DW578	36	23	35	23	34	34	36
168	IPPSN2020-168	DW579	46	34	35	34	45	35	46
169	IPPSN2020-169	DW580	35	34	35	35	37	35	37
170	IPPSN2020-170	DW581	46	34	46	34	57	45	57
171	IPPSN2020-171	SKW-361	36	35	67	34	57	46	67
172	IPPSN2020-172	SKW-362	46	34	46	46	57	46	57
173	IPPSN2020-173	SKW-363	45	23	35	46	57	45	57
174	IPPSN2020-174	SKW-364	46	23	35	34	57	35	57
175	IPPSN2020-175	SKW-365	57	34	46	23	67	45	67
176	IPPSN2020-176	NWS2214	47	35	35	56	67	46	67
177	IPPSN2020-177	NWS2222	45	35	35	56	67	46	67
178	IPPSN2020-178	VA 2019-14	45	34	35	23	67	45	67
179	IPPSN2020-179	VA 2019-06	36	35	46	46	67	46	67
180	IPPSN2020-180	VA 2019-03	46	34	57	34	67	46	67
180A	INFECTOR		78	47	78	57	79	68	79
181	IPPSN2020-181	VA 2019-15	46	23	35	56	57	45	57
182	IPPSN2020-182	VA 2019-02	36	45	67	34	57	46	67
183	IPPSN2020-183	VA 2019-10	35	45	78	35	57	46	78
184	IPPSN2020-184	VA 2019-31	57	45	78	45	45	56	78
185	IPPSN2020-185	VA 2019-09	68	46	78	46	56	57	78
186	IPPSN2020-186	VA 2019-37	67	45	78	34	45	56	78
187	IPPSN2020-187	VA 2019-34	46	45	46	35	57	46	57
188	IPPSN2020-188	VA 2019-28	67	45	78	35	57	56	78
189	IPPSN2020-189	VA 2019-22	78	34	78	45	57	56	78
190	IPPSN2020-190	VA 2019-24	67	34	78	45	57	56	78
191	IPPSN2020-191	VA 2019-21	46	45	78	36	57	56	78
192	IPPSN2020-192	VA 2019-17	45	45	46	35	57	46	57
193	IPPSN2020-193	VA 2019-20	35	45	78	34	56	46	78
194	IPPSN2020-194	VA 2019-23	57	35	78	45	56	56	78
195	IPPSN2020-195	VA 2019-16	46	34	67	35	56	46	67
196	IPPSN2020-196	VD 2019-2	67	34	67	34	45	45	67
197	IPPSN2020-197	VD 2019-4	36	34	35	23	45	35	45
198	IPPSN2020-198	VD 2019-5	68	35	NG	34	45	46	68
199	IPPSN2020-199	VD 2019-3	78	35	78	34	45	56	78
200	IPPSN2020-200	VD 2019-8	68	35	67	23	56	46	68
200A	INFECTOR		78	46	78	46	79	67	79
201	IPPSN2020-201	VD 2019-1	78	45	46	23	57	46	78
202	IPPSN2020-202	J 19-35	67	45	57	34	57	56	67
203	IPPSN2020-203	J 19-36	57	45	67	34	45	46	67
204	IPPSN2020-204	J 19-29	78	45	57	24	45	46	78
205	IPPSN2020-205	J 19-20	67	35	35	23	36	35	67
206	IPPSN2020-206	J 19-19	57	45	35	24	45	45	57
207	IPPSN2020-207	J 19-33	68	35	46	56	45	46	68
208	IPPSN2020-208	J 19-03	57	34	46	24	46	45	57
209	IPPSN2020-209	JD 19-08	68	34	67	23	45	45	68
210	IPPSN2020-210	GW 1353	78	34	78	34	45	56	78
211	IPPSN2020-211	DR-19-28	67	34	78	34	46	56	78

212	IPPSN2020-212	DR-19-38	67	45	78	23	46	56	78
213	IPPSN2020-213	IPPSN-21-01	57	34	67	23	37	46	67
214	IPPSN2020-214	IPPSN-21-02	47	34	46	24	36	35	47
215	IPPSN2020-215	IPPSN-21-03	46	45	35	24	37	35	46
216	IPPSN2020-216	IPPSN-21-04	57	34	57	14	37	36	57
217	IPPSN2020-217	IPPSN-21-05	46	35	67	13	36	35	67
218	IPPSN2020-218	IPPSN-21-06	25	34	78	23	36	35	78
219	IPPSN2020-219	IPPSN-21-07	46	34	35	23	45	35	46
220	IPPSN2020-220	IPPSN-21-08	57	34	67	24	45	45	67
220A	INFECTOR		78	46	78	57	79	68	79
221	IPPSN2020-221	IPPSN-21-09	46	34	35	24	45	35	46
222	IPPSN2020-222	IPPSN-21-10	57	35	46	25	36	36	57
223	IPPSN2020-223	IPPSN-21-11	47	23	46	35	36	35	47
224	IPPSN2020-224	IPPSN-21-12	46	34	46	34	36	35	46
225	IPPSN2020-225	IPPSN-21-13	68	23	57	23	36	45	68
226	IPPSN2020-226	IPPSN-21-14	57	23	57	24	36	35	57
227	IPPSN2020-227	IPPSN-21-15	47	35	35	35	35	35	47
228	IPPSN2020-228	IPPSN-21-16	57	35	35	34	45	45	57
229	IPPSN2020-229	IPPSN-21-17	67	34	57	45	45	46	67
230	IPPSN2020-230	IPPSN-21-18	78	35	35	36	45	46	78
231	IPPSN2020-231	IPPSN-21-19	57	45	67	35	46	46	67
232	IPPSN2020-232	IPPSN-21-20	46	34	24	34	35	35	46
233	IPPSN2020-233	IPPSN-21-21	57	34	25	23	35	35	57
234	IPPSN2020-234	IPPSN-21-22	78	34	46	24	36	46	78
235	IPPSN2020-235	IPPSN-21-23	57	35	67	56	36	46	67
236	IPPSN2020-236	IPPSN-21-24	67	35	67	35	45	46	67
237	IPPSN2020-237	IPPSN-21-25	46	35	78	35	45	46	78
238	IPPSN2020-238	IPPSN-21-26	78	34	57	34	36	46	78
239	IPPSN2020-239	IPPSN-21-27	57	45	57	24	36	46	57
240	IPPSN2020-240	IPPSN-21-28	68	23	35	23	45	35	68
240A	INFECTOR		78	47	67	56	79	67	79
241	IPPSN2020-241	IPPSN-21-29	57	35	46	34	45	45	57
242	IPPSN2020-242	IPPSN-21-30	46	34	35	34	45	35	46
243	IPPSN2020-243	KA 2001	45	35	35	35	46	35	46
244	IPPSN2020-244	KA 2002	57	45	35	34	45	45	57
245	IPPSN2020-245	KA 2003	58	45	35	24	36	36	58
246	IPPSN2020-246	KA 2004	68	45	35	26	36	46	68
247	IPPSN2020-247	KA 2005	47	45	24	25	36	35	47
248	IPPSN2020-248	KA 2006	57	45	35	24	45	45	57
249	IPPSN2020-249	KA 2007	24	45	46	36	36	35	46
250	IPPSN2020-250	KA 2008	35	35	12	35	57	35	57
251	IPPSN2020-251	KA 2009	46	45	67	35	57	46	67
252	IPPSN2020-252	KA 2010	35	45	57	24	45	45	57
253	IPPSN2020-253	KA 2011	46	34	57	23	45	45	57
254	IPPSN2020-254	KA 2012	57	35	67	24	45	46	67
255	IPPSN2020-255	KA 2013	46	45	67	24	36	46	67
256	IPPSN2020-256	KA 2014	57	35	35	24	36	35	57
257	IPPSN2020-257	KA 2015	68	35	35	23	45	45	68
258	IPPSN2020-258	KA 2016	35	45	67	35	45	45	67
259	IPPSN2020-259	KA 2017	46	23	46	34	56	45	56
260	IPPSN2020-260	KA 2018	78	35	78	34	57	56	78
260A	INFECTOR		78	46	89	56	79	68	89
261	IPPSN2020-261	KA 2019	67	34	46	45	45	45	67
262	IPPSN2020-262	KA 2020	46	35	89	35	36	46	89
263	IPPSN2020-263	KA 2021	35	45	35	34	36	35	45
264	IPPSN2020-264	KA 2022	46	23	46	24	45	35	46

265	IPPSN2020-265	KA 2023	57	23	57	23	45	45	57
266	IPPSN2020-266	KA 2024	45	34	57	35	45	45	57
267	IPPSN2020-267	KA 2025	57	35	46	34	45	45	57
268	IPPSN2020-268	KA 2026	78	34	89	45	36	56	89
269	IPPSN2020-269	KA 2027	68	34	67	46	45	56	68
270	IPPSN2020-270	KA 2028	35	34	57	24	45	35	57
271	IPPSN2020-271	KA 2029	46	34	46	35	56	45	56
272	IPPSN2020-272	KA 2030	36	34	57	34	57	46	57
273	IPPSN2020-273	KA 2031	57	35	78	36	36	46	78
274	IPPSN2020-274	KA 2032	46	35	46	35	36	36	46
275	IPPSN2020-275	KA 2033	68	23	24	24	45	35	68
276	IPPSN2020-276	KA 2034	78	34	67	23	45	45	78
277	IPPSN2020-277	KA 2035	35	34	78	35	36	46	78
278	IPPSN2020-278	KA 2036	57	23	46	34	36	35	57
279	IPPSN2020-279	KA 2037	36	34	35	23	36	35	36
280	IPPSN2020-280	KA 2038	78	34	35	36	36	46	78
280A	INFECTOR		78	46	78	56	79	67	79
281	IPPSN2020-281	KA 2039	46	45	35	35	35	35	46
282	IPPSN2020-282	KA 2040	35	35	35	34	35	35	35
283	IPPSN2020-283	KA 2041	57	23	24	35	36	35	57
284	IPPSN2020-284	KA 2042	46	35	24	24	36	35	46
285	IPPSN2020-285	KA 2043	46	24	35	26	36	35	46
286	IPPSN2020-286	KA 2044	57	23	35	24	36	35	57
287	IPPSN2020-287	KA 2045	46	35	78	35	45	46	78
288	IPPSN2020-288	AAI-W43	47	35	57	35	56	46	57
289	IPPSN2020-289	AAI-W49	67	25	35	56	56	46	67
290	IPPSN2020-290	AAI-W52	35	34	46	34	67	45	67
291	IPPSN2020-291	AAI-W47	24	34	46	12	45	34	46
292	IPPSN2020-292	AAI-W42 (KSM)	25	23	57	12	45	34	57
293	IPPSN2020-293	JKW 290	24	23	12	12	36	23	36
294	IPPSN2020-294	JKW 291	35	23	24	45	36	35	45
295	IPPSN2020-295	JKW 292	24	34	35	23	45	34	45
296	IPPSN2020-296	JKW 293	35	23	35	34	57	35	57
297	IPPSN2020-297	JKW 294	46	23	35	23	35	34	46
298	IPPSN2020-298	JKW 295	35	23	46	34	35	35	46
299	IPPSN2020-299	JKW 296	36	34	35	23	36	35	36
300	IPPSN2020-300	JKW 297	78	23	35	34	36	45	78
300A	INFECTOR		78	46	89	36	79	68	89
301	IPPSN2020-301	JKW 298	57	23	78	24	57	46	78
302	IPPSN2020-302	JKW 299	35	23	57	12	45	34	57
303	IPPSN2020-303	JAUW 695	46	23	24	35	45	35	46
304	IPPSN2020-304	JAUW 696	35	23	46	36	36	35	46
305	IPPSN2020-305	JAUW 697	45	35	46	25	45	35	46
306	IPPSN2020-306	JAUW 698	36	35	57	26	45	36	57
307	IPPSN2020-307	JAUW 699	24	34	35	24	45	34	45
308	IPPSN2020-308	JAUW 700	46	23	35	36	45	35	46
309	IPPSN2020-309	JAUW 701	24	23	25	45	36	35	45
310	IPPSN2020-310	JAUW 702	35	23	46	35	36	35	46
311	IPPSN2020-311	JAUW 703	47	23	35	34	36	35	47
312	IPPSN2020-312	JAUW 704	36	23	46	24	36	35	46
313	IPPSN2020-313	BRW 3903	46	34	25	24	45	35	46
314	IPPSN2020-314	BRW 3904	35	35	46	23	35	35	46
315	IPPSN2020-315	BRW 3905	24	35	57	25	45	35	57
316	IPPSN2020-316	BRW 3906	36	34	35	24	45	35	45
317	IPPSN2020-317	BRW 3907	47	34	35	35	36	35	47
318	IPPSN2020-318	BRW 3908	35	34	35	36	56	35	56

319	IPPSN2020-319	BRW 3909	24	23	35	23	36	24	36
320	IPPSN2020-320	BRW 3910	24	23	35	24	45	34	45
320A	INFECTOR		78	46	78	35	79	67	79
321	IPPSN2020-321	BRW 3911	24	23	57	24	35	35	57
322	IPPSN2020-322	BRW 3912	24	23	35	46	45	35	46
323	IPPSN2020-323	BRW 3913	35	23	35	34	36	35	36
324	IPPSN2020-324	BRW 3914	24	23	35	34	36	34	36
325	IPPSN2020-325	BRW 3915	36	23	35	45	36	35	45
326	IPPSN2020-326	BRW 3916	24	23	1	34	24	23	34
327	IPPSN2020-327	BRW 3917	35	23	57	36	24	35	57
328	IPPSN2020-328	BRW 3918	46	23	25	23	35	34	46
329	IPPSN2020-329	BRW 3919	35	23	24	24	24	24	35
330	IPPSN2020-330	BRW 3920	46	23	57	45	35	45	57
331	IPPSN2020-331	BRW 3921	47	23	67	36	24	35	67
332	IPPSN2020-332	BRW 3922	57	23	57	24	24	35	57
333	IPPSN2020-333	BRW 3923	58	23	57	23	24	35	58
334	IPPSN2020-334	BRW 3924	46	34	46	35	35	35	46
335	IPPSN2020-335	BRW 3925	57	34	46	34	35	45	57
336	IPPSN2020-336	BRW 3926	36	35	35	56	35	35	56
337	IPPSN2020-337	BRW 3927	57	35	67	35	45	46	67
338	IPPSN2020-338	LOK 2020- 1	68	35	67	35	45	46	68
339	IPPSN2020-339	LOK 2020- 2	57	45	67	24	56	46	67
340	IPPSN2020-340	LOK 2020- 3	68	45	78	23	56	56	78
340A	INFECTOR		78	46	78	56	79	67	79
341	IPPSN2020-341	LOK 2020- 4	67	45	78	34	67	56	78
342	IPPSN2020-342	LOK 2020- 5	57	35	78	24	45	46	78
343	IPPSN2020-343	VW2001	46	24	67	35	56	46	67
344	IPPSN2020-344	VW2002	35	45	47	36	45	46	47
345	IPPSN2020-345	VW2003	57	35	58	23	45	46	58
346	IPPSN2020-346	VW2004	36	35	35	24	56	35	56
347	IPPSN2020-347	VW2005	46	34	47	35	35	35	47
348	IPPSN2020-348	VW2006	47	34	67	34	35	45	67
349	IPPSN2020-349	VW2007	78	34	35	34	35	45	78
350	IPPSN2020-350	VW2008	35	35	57	35	36	36	57
351	IPPSN2020-351	VW2009	47	35	57	34	24	35	57
352	IPPSN2020-352	VW2011	46	45	67	24	24	45	67
353	IPPSN2020-353	VW2012	57	34	67	12	56	45	67
354	IPPSN2020-354	VW2014	35	34	35	35	56	35	56
355	IPPSN2020-355	VW2015	47	35	35	24	35	35	47
356	IPPSN2020-356	VW2016	46	34	46	24	35	35	46
357	IPPSN2020-357	VW2017	35	34	35	25	35	35	35
358	IPPSN2020-358	VW2018	46	23	46	23	45	35	46
359	IPPSN2020-359	VW2020	45	23	24	24	24	24	45
360	IPPSN2020-360	VW2021	36	45	35	23	35	35	45
360A	INFECTOR		78	46	78	56	79	67	79
361	IPPSN2020-361	VW2022	46	35	78	34	57	46	78
362	IPPSN2020-362	VW2023	45	34	35	34	45	35	45
363	IPPSN2020-363	VW2024	35	45	35	34	35	35	45
364	IPPSN2020-364	VW2025	68	23	78	12	45	45	78
365	IPPSN2020-365	VW2026	46	23	35	25	45	35	46
366	IPPSN2020-366	VW2027	24	23	35	24	34	24	35
367	IPPSN2020-367	VW2028	35	23	24	36	45	35	45
368	IPPSN2020-368	VW2030	46	34	35	34	45	35	46
369	IPPSN2020-369	VW2031	57	23	35	36	24	35	57
370	IPPSN2020-370	VW2032	46	23	35	25	35	35	46
371	IPPSN2020-371	VW2033	57	34	46	24	45	45	57

372	IPPSN2020-372	VW2034	45	34	57	24	45	45	57
373	IPPSN2020-373	VW2035	57	34	24	36	45	35	57
374	IPPSN2020-374	VW2036	68	23	45	35	45	45	68
375	IPPSN2020-375	VW2038	46	23	46	34	45	35	46
376	IPPSN2020-376	VW2040	36	34	78	23	46	45	78
377	IPPSN2020-377	VW2041	68	23	78	34	36	46	78
378	IPPSN2020-378	VW2042	57	23	24	34	37	35	57
379	IPPSN2020-379	VW2043	35	23	57	34	36	35	57
380	IPPSN2020-380	VW2045	46	34	57	23	37	35	57
380A	INFECTOR		78	47	78	56	79	68	79
381	IPPSN2020-381	VW2046	57	23	46	35	35	35	57
382	IPPSN2020-382	VW2048	36	23	57	34	35	35	57
383	IPPSN2020-383	VW2050	35	34	78	36	45	46	78
384	IPPSN2020-384	VW2051	57	23	57	35	45	45	57
385	IPPSN2020-385	VW2052	46	23	78	35	36	46	78
386	IPPSN2020-386	VW2053	57	45	57	36	36	46	57
387	IPPSN2020-387	VW2039	57	23	78	12	35	45	78
388	IPPSN2020-388	VW2029	35	23	46	34	45	35	46
389	IPPSN2020-389	VW2037	57	23	78	23	45	45	78
390	IPPSN2020-390	VW2010	45	34	46	46	45	45	46
391	IPPSN2020-391	VW2047	36	23	67	46	56	46	67
392	IPPSN2020-392	VW2013	46	45	46	56	45	46	56
393	IPPSN2020-393	NIAW 4053	67	45	78	56	45	56	78
394	IPPSN2020-394	NIAW 4054	78	45	78	56	56	67	78
395	IPPSN2020-395	NIAW 4052	78	45	NG	34	56	56	78
396	IPPSN2020-396	NIAW 4113	57	45	57	34	57	46	57
397	IPPSN2020-397	NIAW 4130	57	45	78	25	56	56	78
398	IPPSN2020-398	NIAW 4165	46	45	78	24	56	46	78
399	IPPSN2020-399	NIAW 4118	68	45	78	12	56	56	78
400	IPPSN2020-400	NIAW 4190	36	45	68	34	57	46	68
400A	INFECTOR		78	46	89	45	79	67	89
401	IPPSN2020-401	NIAW 4172	58	35	78	36	57	57	78
402	IPPSN2020-402	NIAW 4178	67	35	67	24	57	46	67
403	IPPSN2020-403	NIAW 4197	78	23	57	35	57	46	78
404	IPPSN2020-404	NIAW 4179	57	23	67	35	56	46	67
405	IPPSN2020-405	NIAW 4120	68	35	67	34	56	56	68
406	IPPSN2020-406	NIAW 4114	67	35	57	24	56	46	67
407	IPPSN2020-407	NIAW 4153	58	34	57	24	57	46	58
408	IPPSN2020-408	NIAW 4040	46	34	46	14	57	35	57
409	IPPSN2020-409	NIAW 4174	78	34	78	1	56	55	78
410	IPPSN2020-410	NIAW 4183	67	35	67	12	56	45	67
411	IPPSN2020-411	NIAW 4134	78	34	78	23	56	56	78
412	IPPSN2020-412	NIAW 4154	57	35	78	23	45	46	78
413	IPPSN2020-413	NIDW 1467	46	35	57	23	45	45	57
414	IPPSN2020-414	NIDW 1485	67	35	NG	34	45	45	67
415	IPPSN2020-415	NIDW 1476	57	34	NG	23	45	45	57
416	IPPSN2020-416	NIDW 1491	36	23	78	23	45	45	78
417	IPPSN2020-417	NIDW 1455	46	23	78	24	35	45	78
418	IPPSN2020-418	PW 2001	45	34	46	23	36	35	46
419	IPPSN2020-419	PW 2002	24	23	25	34	36	24	36
420	IPPSN2020-420	PW 2003	46	34	57	23	45	45	57
420A	INFECTOR		78	46	67	56	79	67	79
421	IPPSN2020-421	PW 2004	57	34	46	35	67	46	67
422	IPPSN2020-422	PW 2005	46	23	57	35	57	46	57
423	IPPSN2020-423	PW 2006	35	34	46	36	57	46	57
424	IPPSN2020-424	PW 2007	57	23	46	24	45	35	57

425	IPPSN2020-425	PW 2008	58	34	57	15	46	46	58
426	IPPSN2020-426	PW 2009	35	34	35	12	45	34	45
427	IPPSN2020-427	PW 2010	46	34	35	14	36	35	46
428	IPPSN2020-428	PW 2011	36	23	25	12	35	24	36
429	IPPSN2020-429	PW 2012	46	23	57	12	45	35	57
430	IPPSN2020-430	PW 2013	36	23	25	36	45	35	45
431	IPPSN2020-431	PW 2014	57	23	35	35	35	35	57
432	IPPSN2020-432	PW 2015	46	23	46	25	35	35	46
433	IPPSN2020-433	PW 2016	24	23	12	24	24	23	24
434	IPPSN2020-434	PW 2017	35	23	35	34	24	34	35
435	IPPSN2020-435	PW 2018	36	34	46	34	24	35	46
436	IPPSN2020-436	PW 2019	57	34	57	34	24	45	57
437	IPPSN2020-437	DW 271	46	34	57	12	45	35	57
438	IPPSN2020-438	DW 272	57	23	12	24	45	34	57
439	IPPSN2020-439	DW 273	58	23	24	24	56	35	58
440	IPPSN2020-440	DW 276	46	34	35	23	56	35	56
440A	INFECTOR		78	46	78	58	79	68	79
441	IPPSN2020-441	DW 277	46	34	35	34	56	45	56
442	IPPSN2020-442	DW 278	57	45	57	23	45	45	57
443	IPPSN2020-443	BW 282	35	45	NG	34	45	45	45
444	IPPSN2020-444	BW 283	46	35	25	2	56	34	56
445	IPPSN2020-445	BW 287	57	23	NG	34	45	45	57
446	IPPSN2020-446	BW 288	46	45	35	23	45	35	46
447	IPPSN2020-447	BW 289	68	45	57	34	45	46	68
448	IPPSN2020-448	CG2001	78	35	78	23	45	56	78
449	IPPSN2020-449	CG2002	68	35	78	23	45	46	78
450	IPPSN2020-450	CG2003	57	35	57	23	56	46	57
451	IPPSN2020-451	CG2004	68	34	46	35	45	46	68
452	IPPSN2020-452	CG2005	57	23	46	34	36	35	57
453	IPPSN2020-453	CG2006	46	23	25	24	36	35	46
454	IPPSN2020-454	CG2007	36	34	46	24	45	35	46
455	IPPSN2020-455	CG2008	78	34	46	12	45	45	78
456	IPPSN2020-456	CG2009	78	34	57	34	45	46	78
457	IPPSN2020-457	CG2010	68	34	35	12	45	35	68
458	IPPSN2020-458	CG2011	57	34	67	12	46	45	67
459	IPPSN2020-459	CG2012	78	34	57	24	45	46	78
460	IPPSN2020-460	CG2013	68	35	46	23	36	46	68
460A	INFECTOR		78	46	78	56	79	67	79
461	IPPSN2020-461	CG2014	68	23	35	35	36	35	68
462	IPPSN2020-462	CG2015	57	23	57	36	36	46	57
463	IPPSN2020-463	UASD-2001	47	34	46	34	45	45	47
464	IPPSN2020-464	UASD-2002	46	34	46	12	37	35	46
465	IPPSN2020-465	UASD-2003	57	23	46	12	24	34	57
466	IPPSN2020-466	UASD-2004	35	23	35	12	35	24	35
467	IPPSN2020-467	UASD-2005	46	35	46	34	36	35	46
468	IPPSN2020-468	UASD-2006	57	35	67	56	36	46	67
469	IPPSN2020-469	UASD-2007	46	34	57	12	36	35	57
470	IPPSN2020-470	UASD-2008	68	23	57	34	45	45	68
471	IPPSN2020-471	UASD-2009	47	34	78	34	35	46	78
472	IPPSN2020-472	UASD-2010	78	35	67	23	56	56	78
473	IPPSN2020-473	UASD-2011	78	35	67	34	24	46	78
474	IPPSN2020-474	UASD-2012	67	23	46	23	24	35	67
475	IPPSN2020-475	UASD-2013	58	35	46	34	24	35	58
476	IPPSN2020-476	UASD-2014	57	34	57	34	24	45	57
477	IPPSN2020-477	UASD-2015	46	34	57	34	24	35	57
478	IPPSN2020-478	UASD-2016	58	23	67	12	24	35	67

479	IPPSN2020-479	UASD-2017	78	35	67	23	24	45	78
480	IPPSN2020-480	UASD-2018	68	34	78	23	24	45	78
480A	INFECTOR		78	46	89	56	79	68	89
481	IPPSN2020-481	UASD-2019	57	23	67	12	45	45	67
482	IPPSN2020-482	UASD-2020	78	35	57	12	37	46	78
483	IPPSN2020-483	UASD-2021	36	34	46	23	36	35	46
484	IPPSN2020-484	UASD-2022	35	23	67	23	36	35	67
485	IPPSN2020-485	UASD-2023	57	23	57	34	36	45	57
486	IPPSN2020-486	UASD-2024	46	34	46	23	36	35	46
487	IPPSN2020-487	UASD-2025	68	35	57	23	36	46	68
488	IPPSN2020-488	UASD-2026	46	35	57	12	36	35	57
489	IPPSN2020-489	UASD-2027	58	35	78	12	36	46	78
490	IPPSN2020-490	UASD-2028	57	34	78	12	36	45	78
491	IPPSN2020-491	UASD-2029	57	34	57	23	24	35	57
492	IPPSN2020-492	UASD-2030	46	35	35	34	24	35	46
493	IPPSN2020-493	UASD-2031	35	34	35	12	35	34	35
494	IPPSN2020-494	UASD-2032	NS	NS	NG	NG	NG	NG	NG
495	IPPSN2020-495	UASD-2033	68	35	67	12	36	46	68
496	IPPSN2020-496	UASD-2034	57	35	36	12	36	35	57
497	IPPSN2020-497	UASD-2035	36	35	47	23	36	35	47
498	IPPSN2020-498	PBN 4881	57	45	67	34	36	46	67
499	IPPSN2020-499	PBN 4357	67	45	57	12	35	45	67
500	IPPSN2020-500	PBN 4905	68	45	67	34	47	56	68
500A	INFECTOR		78	46	78	56	79	67	79
501	IPPSN2020-501	PBN 4888	46	45	78	23	47	46	78
502	IPPSN2020-502	PBN 4876-2	68	45	67	34	45	56	68
503	IPPSN2020-503	MP 3553	57	45	78	23	45	46	78
504	IPPSN2020-504	MP 3554	68	35	46	34	57	46	68
505	IPPSN2020-505	MP 3555	78	45	57	12	56	46	78
506	IPPSN2020-506	MP 3556	67	35	46	34	45	45	67
507	IPPSN2020-507	MP 3557	67	35	46	23	45	45	67
508	IPPSN2020-508	MP 3558	57	35	57	23	45	45	57
509	IPPSN2020-509	MP 3559	78	35	46	34	56	46	78
510	IPPSN2020-510	MP 3560	78	35	78	34	57	56	78
511	IPPSN2020-511	MP 3561	78	35	78	12	45	46	78
512	IPPSN2020-512	MP 3562	57	34	57	23	36	45	57
513	IPPSN2020-513	MP 3563	68	34	57	34	24	45	68
514	IPPSN2020-514	MP 3564	68	35	46	23	35	45	68
515	IPPSN2020-515	MP 3565	57	35	35	34	45	45	57
516	IPPSN2020-516	MP 3566	58	35	57	23	36	46	58
517	IPPSN2020-517	MP 3567	68	35	46	12	45	45	68
518	IPPSN2020-518	NW-8028	57	34	67	23	36	45	67
519	IPPSN2020-519	NW-8029	57	23	46	23	35	35	57
520	IPPSN2020-520	NW-8030	78	23	35	34	45	45	78
520A	INFECTOR		78	46	67	56	79	67	79
521	IPPSN2020-521	NW-8031	35	23	1	34	36	24	36
522	IPPSN2020-522	NW-8032	36	23	57	12	45	35	57
523	IPPSN2020-523	NW-8033	57	34	57	12	45	45	57
524	IPPSN2020-524	NW-8034	46	34	46	24	45	35	46
525	IPPSN2020-525	NW-8035	47	35	46	35	37	36	47
526	IPPSN2020-526	NW-8036	36	35	35	34	45	35	45
527	IPPSN2020-527	NW-8037	35	23	35	36	24	35	36
528	IPPSN2020-528	NW-8038	46	23	25	24	24	24	46
529	IPPSN2020-529	NW-8039	68	23	46	24	45	45	68
530	IPPSN2020-530	NW-8040	57	34	35	35	56	45	57
531	IPPSN2020-531	NW-8041	68	34	35	34	37	46	68

532	IPPSN2020-532	NW-8042	57	23	46	36	45	45	57
533	IPPSN2020-533	NW-8043	35	35	34	35	45	35	45
534	IPPSN2020-534	NW-8044	46	34	67	12	45	45	67
535	IPPSN2020-535	NW-8045	57	35	67	24	57	46	67
536	IPPSN2020-536	NW-8046	35	23	46	34	56	35	56
537	IPPSN2020-537	NW-8047	36	34	46	23	45	35	46
538	IPPSN2020-538	NW-8048	24	23	35	23	36	24	36
539	IPPSN2020-539	NW-8049	35	34	46	34	37	35	46
540	IPPSN2020-540	NW-8050	46	23	35	34	46	35	46
540A	INFECTOR		78	46	67	56	79	67	79
541	IPPSN2020-541	NW-8051	57	34	57	34	45	45	57
542	IPPSN2020-542	NW-8052	58	34	57	34	57	46	58
543	IPPSN2020-543	KRL 2002	36	35	46	23	57	35	57
544	IPPSN2020-544	KRL 2003	35	34	46	34	35	35	46
545	IPPSN2020-545	KRL 2004	46	34	35	23	36	35	46
546	IPPSN2020-546	KRL 2005	36	23	35	14	36	25	36
547	IPPSN2020-547	KRL 2007	35	23	35	23	37	35	37
548	IPPSN2020-548	KRL 2008	57	23	46	34	36	35	57
549	IPPSN2020-549	KRL 2009	68	34	57	24	36	46	68
550	IPPSN2020-550	KRL 2010	57	34	35	34	36	35	57
551	IPPSN2020-551	KRL 2011	58	34	46	12	45	35	58
552	IPPSN2020-552	KRL 2014	46	34	46	23	24	35	46
553	IPPSN2020-553	KRL 2015	57	34	57	23	24	35	57
554	IPPSN2020-554	KRL 2016	68	35	35	43	24	45	68
555	IPPSN2020-555	KRL 2019	46	34	35	12	35	34	46
556	IPPSN2020-556	KRL 2020	57	45	57	23	46	46	57
557	IPPSN2020-557	KRL 2023	68	45	67	34	45	56	68
558	IPPSN2020-558	KRL 2024	35	34	35	24	37	35	37
559	IPPSN2020-559	KRL 2026	46	23	35	23	45	34	46
560	IPPSN2020-560	KRL 2027	35	23	35	23	47	35	47
560A	INFECTOR		78	46	67	56	79	67	79
561	IPPSN2020-561	KRL 2030	67	35	67	35	37	46	67
562	IPPSN2020-562	KRL 2033	35	23	24	24	36	24	36
563	IPPSN2020-563	KRL 2034	46	23	46	12	36	35	46
564	IPPSN2020-564	KRL 2035	57	34	46	23	45	45	57
565	IPPSN2020-565	KRL 2036	58	23	35	34	45	35	58
566	IPPSN2020-566	KRL 2037	35	34	46	23	37	35	46
567	IPPSN2020-567	KRL 2038	36	34	46	36	37	36	46
568	IPPSN2020-568	11th HPYT 402	57	34	57	24	45	45	57
569	IPPSN2020-569	11th HPYT 403	68	23	67	35	36	46	68
570	IPPSN2020-570	11th HPYT 404	46	23	35	35	36	35	46
571	IPPSN2020-571	11th HPYT 405	57	35	67	35	57	46	67
572	IPPSN2020-572	11th HPYT 406	47	23	67	34	57	46	67
573	IPPSN2020-573	11th HPYT 407	57	23	67	34	36	45	67
574	IPPSN2020-574	11th HPYT 408	37	34	57	56	37	46	57
575	IPPSN2020-575	11th HPYT 409	46	23	35	35	45	35	46
576	IPPSN2020-576	11th HPYT 410	57	34	57	34	57	46	57
577	IPPSN2020-577	11th HPYT 411	35	23	35	34	57	35	57
578	IPPSN2020-578	11th HPYT 412	57	23	35	56	36	45	57
579	IPPSN2020-579	11th HPYT 413	68	23	46	56	56	46	68
580	IPPSN2020-580	11th HPYT 414	35	23	57	34	36	35	57
580A	INFECTOR		78	46	78	56	79	67	79
581	IPPSN2020-581	11th HPYT 415	57	23	35	34	45	35	57
582	IPPSN2020-582	11th HPYT 416	57	23	57	34	45	45	57
583	IPPSN2020-583	11th HPYT 417	46	23	57	12	56	35	57
584	IPPSN2020-584	11th HPYT 418	57	34	67	12	57	45	67

585	IPPSN2020-585	11th HPYT 419	35	23	57	23	56	35	57
586	IPPSN2020-586	11th HPYT 420	46	35	35	34	45	35	46
587	IPPSN2020-587	11th HPYT 421	57	23	67	56	36	46	67
588	IPPSN2020-588	11th HPYT 422	35	23	35	56	35	35	56
589	IPPSN2020-589	11th HPYT 423	47	34	78	35	45	46	78
590	IPPSN2020-590	11th HPYT 424	35	35	35	34	36	35	36
591	IPPSN2020-591	11th HPYT 425	57	35	57	23	56	46	57
592	IPPSN2020-592	11th HPYT 426	57	23	46	23	56	45	57
593	IPPSN2020-593	11th HPYT 427	58	34	35	35	56	46	58
594	IPPSN2020-594	11th HPYT 428	36	23	35	34	45	35	45
595	IPPSN2020-595	11th HPYT 429	46	23	46	23	45	35	46
596	IPPSN2020-596	11th HPYT 430	57	34	57	23	56	45	57
597	IPPSN2020-597	11th HPYT 431	57	23	25	35	45	35	57
598	IPPSN2020-598	11th HPYT 432	46	34	35	34	56	45	56
599	IPPSN2020-599	11th HPYT 433	35	35	35	24	57	35	57
600	IPPSN2020-600	11th HPYT 434	36	34	46	34	67	45	67
600A	INFECTOR		78	46	78	56	79	67	79
601	IPPSN2020-601	11th HPYT 435	46	35	57	23	45	45	57
602	IPPSN2020-602	11th HPYT 436	57	34	67	56	45	56	67
603	IPPSN2020-603	11th HPYT 437	35	23	35	12	36	24	36
604	IPPSN2020-604	11th HPYT 438	36	23	67	34	47	45	67
605	IPPSN2020-605	11th HPYT 439	46	35	36	34	46	35	46
606	IPPSN2020-606	11th HPYT 440	35	23	36	12	35	24	36
607	IPPSN2020-607	11th HPYT 441	36	23	46	12	56	35	56
608	IPPSN2020-608	11th HPYT 442	24	23	35	56	57	35	57
609	IPPSN2020-609	11th HPYT 443	57	34	46	67	56	56	67
610	IPPSN2020-610	11th HPYT 444	36	23	57	34	24	35	57
611	IPPSN2020-611	11th HPYT 445	57	34	35	23	24	35	57
612	IPPSN2020-612	11th HPYT 446	68	34	46	12	36	35	68
613	IPPSN2020-613	11th HPYT 447	46	23	36	34	36	35	46
614	IPPSN2020-614	11th HPYT 448	57	34	46	34	24	35	57
615	IPPSN2020-615	11th HPYT 449	36	34	57	23	24	35	57
616	IPPSN2020-616	11th HPYT 450	58	23	36	34	24	35	58
617	IPPSN2020-617	MACS 6797	68	23	67	56	36	46	68
618	IPPSN2020-618	MACS 6798	57	34	47	34	36	46	57
619	IPPSN2020-619	MACS 6799	24	23	46	23	36	34	46
620	IPPSN2020-620	MACS 6800	57	23	47	56	45	46	57
620A	INFECTOR		78	47	78	78	79	68	79
621	IPPSN2020-621	MACS 6801	46	35	67	23	67	46	67
622	IPPSN2020-622	MACS 6802	57	23	78	24	67	46	78
623	IPPSN2020-623	MACS 6803	46	45	78	36	57	56	78
624	IPPSN2020-624	MACS 6804	57	35	67	35	56	46	67
625	IPPSN2020-625	MACS 6805	58	34	78	23	57	46	78
626	IPPSN2020-626	MACS 6806	68	34	78	35	56	56	78
627	IPPSN2020-627	MACS 6807	67	34	78	34	45	56	78
628	IPPSN2020-628	MACS 6808	78	34	67	23	45	45	78
629	IPPSN2020-629	MACS 6809	69	35	78	35	57	57	78
630	IPPSN2020-630	MACS 6810	57	23	78	35	57	46	78
631	IPPSN2020-631	MACS 6811	36	23	57	12	57	35	57
632	IPPSN2020-632	MACS 6812	46	23	67	12	35	35	67
633	IPPSN2020-633	MACS 6813	57	23	57	34	35	45	57
634	IPPSN2020-634	MACS 6814	68	34	46	12	35	35	68
635	IPPSN2020-635	MACS 6815	67	34	78	23	45	45	78
636	IPPSN2020-636	MACS 6816	78	23	57	34	45	45	78
637	IPPSN2020-637	MACS 6817	57	23	68	56	45	46	68
638	IPPSN2020-638	MACS 6818	68	45	57	34	56	56	68

639	IPPSN2020-639	MACS 6819	46	23	57	23	56	45	57
640	IPPSN2020-640	MACS 6820	57	23	78	34	45	45	78
640A	INFECTOR		78	46	78	56	79	67	79
641	IPPSN2020-641	MACS 4117	78	34	78	35	56	56	78
642	IPPSN2020-642	MACS 4118	68	35	57	24	56	46	68
643	IPPSN2020-643	MACS 4119	67	35	46	23	36	45	67
644	IPPSN2020-644	MACS 4120	69	34	78	35	36	46	78
645	IPPSN2020-645	MACS 4121	58	34	78	23	36	46	78
646	IPPSN2020-646	MACS 4122	68	34	68	24	36	46	68
647	IPPSN2020-647	MACS 4123	58	34	78	24	45	46	78
648	IPPSN2020-648	MACS 4124	67	34	78	23	46	46	78
649	IPPSN2020-649	MACS 5059	57	23	78	24	47	46	78
650	IPPSN2020-650	MACS 5060	68	23	47	23	35	35	68
651	IPPSN2020-651	MACS 5061	36	23	47	24	36	35	47
652	IPPSN2020-652	AKAW 4662	57	35	78	23	45	46	78
653	IPPSN2020-653	AKAW 4682	67	35	78	35	45	56	78
654	IPPSN2020-654	AKAW 4684	78	34	78	34	45	56	78
655	IPPSN2020-655	AKDW 4773	57	23	67	23	56	45	67
656	IPPSN2020-656	AKAW 5080	68	35	57	35	57	46	68
657	IPPSN2020-657	AKAW 5100	57	23	46	34	56	45	57
658	IPPSN2020-658	AKAW 5104	78	34	57	34	57	56	78
659	IPPSN2020-659	AKAW 5314	68	34	46	34	56	46	68
660	IPPSN2020-660	AKAW 5317	78	35	78	12	45	46	78
660A	INFECTOR		78	46	78	35	79	67	79
661	IPPSN2020-661	AKAW 5353	57	34	35	12	57	35	57
662	IPPSN2020-662	AKAW 5354	58	23	35	34	45	35	58
663	IPPSN2020-663	AKAW 5438	46	23	46	23	56	35	56
664	IPPSN2020-664	AKAW 5441	57	34	35	34	56	45	57
665	IPPSN2020-665	AKAW 5444	58	34	35	23	56	45	58
666	IPPSN2020-666	AKAW 5445	68	35	67	23	45	46	68
667	IPPSN2020-667	RVW 4350	57	23	78	34	45	45	78
668	IPPSN2020-668	RVW 4351	57	23	35	34	45	35	57
669	IPPSN2020-669	RVW 4352	67	23	57	12	36	35	67
670	IPPSN2020-670	RVW 4353	57	35	46	23	36	35	57
671	IPPSN2020-671	RVW 4354	46	34	35	23	36	35	46
672	IPPSN2020-672	RVW 4355	45	35	46	34	45	45	46
673	IPPSN2020-673	RVW 4356	35	35	57	34	56	45	57
674	IPPSN2020-674	RVW 4357	57	23	35	12	56	35	57
675	IPPSN2020-675	RVW 4358	68	35	67	34	45	46	68
676	IPPSN2020-676	RVW 4359	57	23	35	12	35	34	57
677	IPPSN2020-677	1	57	23	14	35	36	35	57
678	IPPSN2020-678	2	46	23	24	34	37	35	46
679	IPPSN2020-679	3	35	23	25	12	36	24	36
680	IPPSN2020-680	4	46	23	46	34	46	35	46
680A	INFECTOR		78	46	78	56	79	67	79
681	IPPSN2020-681	5	57	23	35	12	57	35	57
682	IPPSN2020-682	6	68	23	35	12	24	34	68
683	IPPSN2020-683	7	46	34	46	34	24	35	46
684	IPPSN2020-684	8	57	35	57	34	24	45	57
685	IPPSN2020-685	9	68	34	57	56	35	46	68
686	IPPSN2020-686	10	46	34	35	34	35	35	46
687	IPPSN2020-687	11	35	35	24	34	36	35	36
688	IPPSN2020-688	12	57	34	46	56	36	46	57
689	IPPSN2020-689	13	35	23	46	34	46	35	46
690	IPPSN2020-690	14	57	34	46	34	45	45	57
691	IPPSN2020-691	15	46	35	35	12	37	35	46

692	IPPSN2020-692	16	46	23	46	12	45	34	46
693	IPPSN2020-693	17	35	23	24	12	45	24	45
694	IPPSN2020-694	18	35	35	46	56	24	35	56
695	IPPSN2020-695	19	57	34	57	56	36	46	57
696	IPPSN2020-696	20	36	34	46	12	37	35	46
697	IPPSN2020-697	21	36	23	35	34	36	35	36
698	IPPSN2020-698	22	35	23	35	12	24	24	35
699	IPPSN2020-699	23	24	23	24	12	24	23	24
700	IPPSN2020-700	24	46	23	35	12	24	24	46
700A	INFECTOR		78	46	78	56	79	67	79
701	IPPSN2020-701	25	45	23	12	23	36	24	45
702	IPPSN2020-702	26	24	35	68	26	36	36	68
703	IPPSN2020-703	27	24	23	NG	25	36	25	36
704	IPPSN2020-704	28	24	23	12	23	24	23	24
705	IPPSN2020-705	29	46	23	12	14	24	24	46
706	IPPSN2020-706	30	24	34	24	13	24	24	34
707	IPPSN2020-707	31	35	34	35	23	36	35	36
708	IPPSN2020-708	32	46	34	NG	46	36	46	46
709	IPPSN2020-709	33	57	NG	57	13	36	46	57
710	IPPSN2020-710	34	46	23	35	23	36	35	46
711	IPPSN2020-711	35	57	23	46	34	35	35	57
712	IPPSN2020-712	36	NG	NG	NG	12	35	24	35
713	IPPSN2020-713	37	68	NG	24	12	36	35	68
714	IPPSN2020-714	38	NG	NG	24	34	36	35	36
715	IPPSN2020-715	39	46	24	35	12	45	34	46
716	IPPSN2020-716	40	57	34	57	23	45	45	57
717	IPPSN2020-717	41	58	34	78	34	46	46	78
718	IPPSN2020-718	42	68	34	46	23	46	45	68
719	IPPSN2020-719	43	NG	34	24	13	35	24	35
720	IPPSN2020-720	44	57	35	24	13	45	35	57
720A	INFECTOR		78	46	78	56	79	67	79
721	IPPSN2020-721	45	67	23	NG	36	67	46	67
722	IPPSN2020-722	46	67	34	35	36	45	45	67
723	IPPSN2020-723	47	57	34	46	36	45	46	57
724	IPPSN2020-724	48	46	34	46	35	45	45	46
725	IPPSN2020-725	49	57	34	78	36	36	46	78
726	IPPSN2020-726	50	46	23	35	23	45	34	46
727	IPPSN2020-727	51	57	34	57	34	56	46	57
728	IPPSN2020-728	52	46	34	67	12	45	45	67
729	IPPSN2020-729	53	58	34	35	12	45	35	58
730	IPPSN2020-730	54	46	23	24	34	36	35	46
731	IPPSN2020-731	55	46	23	67	35	45	45	67
732	IPPSN2020-732	56	57	23	57	36	46	46	57
733	IPPSN2020-733	57	35	23	57	24	45	35	57
734	IPPSN2020-734	58	57	23	67	36	45	46	67
735	IPPSN2020-735	59	46	23	57	35	36	35	57
736	IPPSN2020-736	60	57	23	57	34	24	35	57
737	IPPSN2020-737	SVPWL01	35	23	46	46	24	35	46
738	IPPSN2020-738	SVPWL02	57	34	67	35	24	45	67
739	IPPSN2020-739	SVPWL03	24	34	57	12	36	35	57
740	IPPSN2020-740	SVPWL04	57	23	78	34	47	46	78
740A	INFECTOR		78	46	78	36	79	67	79
741	IPPSN2020-741	SVPWL05	68	23	35	24	24	35	68
742	IPPSN2020-742	SVPWL06	46	23	24	36	24	35	46
743	IPPSN2020-743	SVPWL07	57	35	35	35	24	35	57
744	IPPSN2020-744	SVPWL08	57	34	35	35	24	35	57

745	IPPSN2020-745	SVPWL09	47	34	35	23	36	35	47
746	IPPSN2020-746	SVPWL10	46	23	24	35	36	35	46
747	IPPSN2020-747	SVPWL11	36	23	24	35	24	24	36
748	IPPSN2020-748	SVPWL12	35	35	46	23	24	35	46
749	IPPSN2020-749	SVPWL13	24	23	46	35	24	34	46
750	IPPSN2020-750	SVPWL14	46	34	35	12	24	34	46
751	IPPSN2020-751	SVPWL15	57	35	46	24	24	35	57
752	IPPSN2020-752	IARI 20-1	56	35	46	36	36	46	56
753	IPPSN2020-753	IARI 20-2	57	34	35	45	36	45	57
754	IPPSN2020-754	IARI 20-3	57	23	35	34	36	35	57
755	IPPSN2020-755	IARI 20-4	46	34	46	24	45	35	46
756	IPPSN2020-756	IARI 20-5	35	23	35	12	56	34	56
757	IPPSN2020-757	IARI 20-6	57	35	46	12	36	35	57
758	IPPSN2020-758	IARI 20-7	24	23	36	23	46	34	46
759	IPPSN2020-759	IARI 20-8	24	23	35	34	35	34	35
760	IPPSN2020-760	IARI 20-9	36	45	35	12	45	35	45
760A	INFECTOR		78	46	57	36	79	57	79
761	IPPSN2020-761	IARI 20-10	57	35	46	34	45	45	57
762	IPPSN2020-762	IARI 20-11	68	34	35	34	36	45	68
763	IPPSN2020-763	IARI 20-12	57	23	46	12	24	34	57
764	IPPSN2020-764	IARI 20-13	46	23	24	12	24	24	46
765	IPPSN2020-765	IARI 20-14	57	35	46	12	24	35	57
766	IPPSN2020-766	IARI 20-15	68	35	78	12	24	45	78
767	IPPSN2020-767	IARI 20-16	46	34	35	12	24	34	46
768	IPPSN2020-768	IARI 20-17	35	23	24	23	24	24	35
769	IPPSN2020-769	IARI 20-18	57	23	46	56	24	45	57
770	IPPSN2020-770	IARI 20-19	47	23	57	34	35	35	57
771	IPPSN2020-771	IARI 20-20	57	23	78	12	24	35	78
772	IPPSN2020-772	IARI 20-21	35	23	35	34	24	34	35
773	IPPSN2020-773	IARI 20-22	36	23	46	12	45	34	46
774	IPPSN2020-774	IARI 20-23	57	34	46	23	45	45	57
775	IPPSN2020-775	IARI 20-24	45	35	46	34	45	45	46
776	IPPSN2020-776	IARI 20-25	57	35	57	12	45	45	57
777	IPPSN2020-777	IARI 20-26	35	23	24	23	24	24	35
778	IPPSN2020-778	IARI 20-27	57	35	46	23	24	35	57
779	IPPSN2020-779	IARI 20-28	68	23	46	34	35	45	68
780	IPPSN2020-780	IARI 20-29	57	23	25	34	45	35	57
780A	INFECTOR		78	46	78	56	79	67	79
781	IPPSN2020-781	IARI 20-30	57	23	35	34	37	35	57
782	IPPSN2020-782	IARI 20-31	68	34	78	12	45	45	78
783	IPPSN2020-783	IARI 20-32	57	23	46	35	45	45	57
784	IPPSN2020-784	IARI 20-33	58	23	35	12	45	35	58
785	IPPSN2020-785	IARI 20-34	46	23	35	34	36	35	46
786	IPPSN2020-786	IARI 20-35	57	23	36	34	35	35	57
787	IPPSN2020-787	IARI 20-36	57	23	35	12	36	35	57
788	IPPSN2020-788	IARI 20-37	68	23	46	12	36	35	68
789	IPPSN2020-789	IARI 20-38	35	23	35	12	24	24	35
790	IPPSN2020-790	IARI 20-39	68	34	57	23	36	46	68
791	IPPSN2020-791	IARI 20-40	67	35	78	34	36	46	78
792	IPPSN2020-792	IARI 20-41	78	35	78	34	45	56	78
793	IPPSN2020-793	IARI 20-42	57	45	78	23	36	46	78
794	IPPSN2020-794	IARI 20-43	67	45	57	56	45	56	67
795	IPPSN2020-795	IARI 20-44	78	34	67	56	45	56	78
796	IPPSN2020-796	IARI 20-45	57	23	78	12	45	45	78
797	IPPSN2020-797	IARI 20-46	68	23	57	12	36	35	68
798	IPPSN2020-798	IARI 20-47	68	23	46	12	37	35	68

799	IPPSN2020-799	IARI 20-48	57	23	35	12	36	35	57
800	IPPSN2020-800	IARI 20-49	78	23	46	12	36	35	78
800A	INFECTOR		78	46	67	89	79	68	89
801	IPPSN2020-801	IARI 20-50	57	23	35	56	34	45	57
802	IPPSN2020-802	IARI 20-51	68	34	57	12	35	45	68
803	IPPSN2020-803	IARI 20-52	57	34	46	12	45	35	57
804	IPPSN2020-804	IARI 20-53	68	23	46	23	45	45	68
805	IPPSN2020-805	IARI 20-54	57	23	46	23	36	35	57
806	IPPSN2020-806	IARI 20-55	68	35	57	34	45	46	68
807	IPPSN2020-807	IARI 20-56	46	34	57	35	45	45	57
808	IPPSN2020-808	IARI 20-57	57	23	67	12	45	45	67
809	IPPSN2020-809	IARI 20-58	46	23	67	12	45	35	67
810	IPPSN2020-810	IARI 20-59	35	23	46	34	36	35	46
811	IPPSN2020-811	IARI 20-60	36	23	57	12	36	35	57
812	IPPSN2020-812	IARI 20-61	46	23	46	34	36	35	46
813	IPPSN2020-813	IARI 20-62	57	23	46	34	36	35	57
814	IPPSN2020-814	IARI 20-63	35	23	35	12	24	24	35
815	IPPSN2020-815	IARI 20-64	36	23	57	23	45	35	57
816	IPPSN2020-816	IARI 20-65	24	23	46	34	36	35	46
817	IPPSN2020-817	IARI 20-66	57	34	35	12	36	35	57
818	IPPSN2020-818	IARI 20-67	24	23	36	12	37	24	37
819	IPPSN2020-819	IARI 20-68	35	23	46	23	36	35	46
820	IPPSN2020-820	IARI 20-69	57	34	67	56	45	56	67
820A	INFECTOR		78	46	78	68	79	68	79
821	IPPSN2020-821	IARI 20-70	68	34	46	34	57	46	68
822	IPPSN2020-822	IARI 20-71	78	34	67	23	57	56	78
823	IPPSN2020-823	IARI 20-72	78	45	78	36	67	57	78
824	IPPSN2020-824	IARI 20-73	57	45	78	14	67	56	78
825	IPPSN2020-825	IARI 20-74	68	35	78	35	56	56	78
826	IPPSN2020-826	IARI 20-75	78	46	57	34	56	56	78
827	IPPSN2020-827	IARI 20-76	57	35	67	34	57	46	67
828	IPPSN2020-828	IARI 20-77	57	34	57	12	57	45	57
829	IPPSN2020-829	IARI 20-78	57	35	67	12	56	45	67
830	IPPSN2020-830	IARI 20-79	35	35	46	12	56	35	56
831	IPPSN2020-831	IARI 20-80	46	35	46	35	45	45	46
832	IPPSN2020-832	IARI 20-81	57	45	46	34	47	46	57
833	IPPSN2020-833	IARI 20-82	68	34	67	12	45	45	68
834	IPPSN2020-834	IARI 20-83	69	35	78	12	46	46	78
835	IPPSN2020-835	IARI 20-84	67	34	78	12	45	45	78
836	IPPSN2020-836	IARI 20-85	57	35	78	56	36	56	78
837	IPPSN2020-837	IARI 20-86	68	35	78	34	37	46	78
838	IPPSN2020-838	IARI 20-87	57	34	78	34	36	46	78
839	IPPSN2020-839	IARI 20-88	68	34	78	12	37	46	78
840	IPPSN2020-840	IARI 20-89	57	34	67	12	46	45	67
840A	INFECTOR		78	46	78	56	79	67	79
841	IPPSN2020-841	IARI 20-90	78	23	67	34	45	45	78
842	IPPSN2020-842	IARI 20-91	58	23	36	12	45	35	58
843	IPPSN2020-843	IARI 20-92	58	34	67	13	56	46	67
844	IPPSN2020-844	IARI 20-93	78	35	78	12	57	56	78
845	IPPSN2020-845	IARI 20-94	57	23	46	25	45	35	57
846	IPPSN2020-846	IARI 20-95	46	34	57	24	45	45	57
847	IPPSN2020-847	IARI 20-96	36	34	57	14	46	35	57
848	IPPSN2020-848	IARI 20-97	57	34	46	12	45	35	57
849	IPPSN2020-849	IARI 20-98	47	23	57	35	46	46	57
850	IPPSN2020-850	IARI 20-99	24	23	46	12	36	24	46
851	IPPSN2020-851	IARI 20-100	35	23	57	34	36	35	57

852	IPPSN2020-852	IARI 20-101	46	23	46	34	35	35	46
853	IPPSN2020-853	IARI 20-102	35	23	35	12	36	24	36
854	IPPSN2020-854	IARI 20-103	57	35	67	34	36	46	67
855	IPPSN2020-855	IARI 20-104	68	23	67	35	35	46	68
856	IPPSN2020-856	IARI 20-105	35	34	67	12	35	35	67
857	IPPSN2020-857	IARI 20-106	36	34	67	35	35	45	67
858	IPPSN2020-858	IARI 20-107	46	34	46	45	35	45	46
859	IPPSN2020-859	IARI 20-108	47	23	35	34	35	35	47
860	IPPSN2020-860	IARI 20-109	46	23	24	12	35	24	46
860A	INFECTOR		78	46	78	56	79	67	79
861	IPPSN2020-861	IARI 20-110	68	34	78	12	45	45	78
862	IPPSN2020-862	IARI 20-111	67	35	78	12	56	46	78
863	IPPSN2020-863	IARI 20-112	57	35	67	12	56	45	67
864	IPPSN2020-864	IARI 20-113	78	45	78	56	56	67	78
865	IPPSN2020-865	IARI 20-114	68	34	78	12	57	46	78
866	IPPSN2020-866	IARI 20-115	78	34	78	23	57	56	78
867	IPPSN2020-867	IARI 20-116	78	34	67	12	56	45	78
868	IPPSN2020-868	IARI 20-117	67	45	67	34	45	56	67
869	IPPSN2020-869	IARI 20-118	78	35	67	12	45	45	78
870	IPPSN2020-870	IARI 20-119	57	23	57	46	45	46	57
871	IPPSN2020-871	IARI 20-120	58	35	57	23	46	46	58
872	IPPSN2020-872	IARI 20-121	78	23	57	34	56	46	78
873	IPPSN2020-873	IARI 20-122	57	23	24	12	36	34	57
874	IPPSN2020-874	IARI 20-123	35	23	25	12	37	24	37
875	IPPSN2020-875	IARI 20-124	57	23	46	12	36	35	57
876	IPPSN2020-876	IARI 20-125	57	35	57	34	36	46	57
877	IPPSN2020-877	IARI 20-126	35	23	36	34	36	35	36
878	IPPSN2020-878	IARI 20-127	46	23	24	12	36	24	46
879	IPPSN2020-879	IARI 20-128	57	23	24	12	36	34	57
880	IPPSN2020-880	IARI 20-129	57	34	78	12	35	45	78
880A	INFECTOR		78	46	78	56	79	67	79
881	IPPSN2020-881	IARI 20-130	68	45	35	36	45	46	68
882	IPPSN2020-882	IARI 20-131	57	35	57	12	45	45	57
883	IPPSN2020-883	IARI 20-132	57	34	57	34	45	45	57
884	IPPSN2020-884	IARI 20-133	35	34	35	23	46	35	46
885	IPPSN2020-885	IARI 20-134	46	34	46	12	45	35	46
886	IPPSN2020-886	IARI 20-135	57	45	67	35	36	46	67
887	IPPSN2020-887	IARI 20-136	57	23	46	34	36	35	57
888	IPPSN2020-888	IARI 20-137	47	35	46	12	36	35	47
889	IPPSN2020-889	IARI 20-138	36	45	46	24	47	36	47
890	IPPSN2020-890	IARI 20-139	57	35	46	23	36	35	57
891	IPPSN2020-891	IARI 20-140	46	34	57	23	36	35	57
892	IPPSN2020-892	IARI 20-141	57	23	46	34	36	35	57
893	IPPSN2020-893	IARI 20-142	35	34	57	12	36	35	57
894	IPPSN2020-894	IARI 20-143	46	34	78	12	45	45	78
895	IPPSN2020-895	IARI 20-144	46	34	35	23	45	35	46
896	IPPSN2020-896	IARI 20-145	35	23	57	34	36	35	57
897	IPPSN2020-897	IARI 20-146	24	23	36	34	36	35	36
898	IPPSN2020-898	IARI 20-147	35	34	57	34	36	35	57
899	IPPSN2020-899	IARI 20-148	46	35	NG	12	36	35	46
900	IPPSN2020-900	IARI 20-149	68	23	99	12	36	46	99
900A	INFECTOR		78	46	78	56	79	67	79
901	IPPSN2020-901	IARI 20-150	57	34	78	34	46	46	78
902	IPPSN2020-902	IARI 20-151	57	23	46	23	36	35	57
903	IPPSN2020-903	IARI 20-152	24	23	46	34	36	35	46
904	IPPSN2020-904	IARI 20-153	57	23	57	23	24	35	57

905	IPPSN2020-905	IARI 20-154	25	35	46	34	24	35	46
906	IPPSN2020-906	IARI 20-155	24	23	57	12	35	34	57
907	IPPSN2020-907	IARI 20-156	35	35	57	12	45	35	57
908	IPPSN2020-908	IARI 20-157	36	35	35	12	36	35	36
909	IPPSN2020-909	IARI 20-158	35	34	57	34	36	35	57
910	IPPSN2020-910	IARI 20-159	46	34	57	56	56	46	57
911	IPPSN2020-911	IARI 20-160	68	35	78	12	57	46	78
912	IPPSN2020-912	IARI 20-161	57	34	78	23	45	45	78
913	IPPSN2020-913	IARI 20-162	47	35	57	23	24	35	57
914	IPPSN2020-914	IARI 20-163	57	23	57	23	24	35	57
915	IPPSN2020-915	IARI 20-164	24	34	24	12	24	24	34
916	IPPSN2020-916	IARI 20-165	46	23	35	12	35	34	46
917	IPPSN2020-917	IARI 20-166	57	23	35	12	35	34	57
918	IPPSN2020-918	IARI 20-167	68	34	35	12	35	35	68
919	IPPSN2020-919	IARI 20-168	67	34	46	23	45	45	67
920	IPPSN2020-920	IARI 20-169	57	35	57	23	57	46	57
920A	INFECTOR		78	46	67	56	79	67	79
921	IPPSN2020-921	IARI 20-170	46	45	35	34	36	35	46
922	IPPSN2020-922	IARI 20-171	24	35	35	34	36	35	36
923	IPPSN2020-923	IARI 20-172	46	23	46	35	36	35	46
924	IPPSN2020-924	IARI 20-173	24	34	36	12	36	24	36
925	IPPSN2020-925	IARI 20-174	24	23	24	12	36	24	36
926	IPPSN2020-926	IARI 20-175	35	23	25	34	36	35	36
927	IPPSN2020-927	P 13582	57	34	36	24	35	35	57
928	IPPSN2020-928	P 13590	46	35	57	14	45	35	57
929	IPPSN2020-929	P 13633	35	45	67	24	46	45	67
930	IPPSN2020-930	P 13644	57	34	57	35	36	46	57
931	IPPSN2020-931	P 13645	68	35	46	12	46	45	68
932	IPPSN2020-932	P 13673	46	35	57	35	46	46	57
933	IPPSN2020-933	P 13733	57	35	57	35	46	46	57
934	IPPSN2020-934	P 13757	57	23	67	12	45	45	67
935	IPPSN2020-935	P 13769	68	34	67	12	35	45	68
936	IPPSN2020-936	P 13775	46	35	46	35	35	35	46
937	IPPSN2020-937	P 13793	35	45	46	12	35	35	46
938	IPPSN2020-938	P 13810	57	23	67	12	35	35	67
939	IPPSN2020-939	P 13816	35	34	67	12	36	35	67
940	IPPSN2020-940	P 13818	46	34	35	24	45	35	46
940A	INFECTOR		78	46	67	56	79	67	79
941	IPPSN2020-941	P 13822	57	34	57	23	45	45	57
942	IPPSN2020-942	P 13829	46	34	36	12	45	35	46
943	IPPSN2020-943	P 13839	68	35	47	23	56	46	68
944	IPPSN2020-944	P 13869	78	35	46	34	57	46	78
945	IPPSN2020-945	P 13888	68	35	35	23	36	35	68
946	IPPSN2020-946	P 13900	57	35	35	23	45	35	57
947	IPPSN2020-947	P 13901	68	45	46	14	46	46	68
948	IPPSN2020-948	P 13905	46	45	36	35	45	45	46
949	IPPSN2020-949	P 13908	68	45	46	12	45	45	68
950	IPPSN2020-950	P 13919	57	45	67	12	45	45	67
951	IPPSN2020-951	P 13929	78	34	NG	56	37	56	78
952	IPPSN2020-952	P 13932	57	34	35	56	37	46	57
953	IPPSN2020-953	P 13934	57	23	46	34	45	45	57
954	IPPSN2020-954	P 13938	68	23	57	34	24	45	68
955	IPPSN2020-955	P 13939	46	23	35	34	35	35	46
956	IPPSN2020-956	P 13940	57	23	46	12	36	35	57
957	IPPSN2020-957	P 13941	57	35	46	12	35	35	57
958	IPPSN2020-958	P 13942	57	23	57	12	45	35	57

959	IPPSN2020-959	P 13946	36	23	57	23	45	35	57
960	IPPSN2020-960	P 13967	58	35	67	23	36	46	67
960A	INFECTOR		78	46	78	45	79	67	79
961	IPPSN2020-961	P 13973	46	34	35	34	56	45	56
962	IPPSN2020-962	P 13974	57	23	46	12	45	35	57
963	IPPSN2020-963	P 13977	35	34	57	12	45	35	57
964	IPPSN2020-964	P 13979	36	23	46	23	36	35	46
965	IPPSN2020-965	P 13980	57	34	35	12	45	35	57
966	IPPSN2020-966	P 13981	46	35	35	12	45	35	46
967	IPPSN2020-967	P 13982	57	34	35	12	36	35	57
968	IPPSN2020-968	P 13988	57	45	46	12	36	35	57
969	IPPSN2020-969	P 13993	68	35	35	12	36	35	68
970	IPPSN2020-970	P 13994	68	35	35	34	24	35	68
971	IPPSN2020-971	P 13999	35	35	25	12	36	25	36
972	IPPSN2020-972	P 14000	57	34	35	12	36	35	57
973	IPPSN2020-973	P 14022	68	35	35	34	36	46	68
974	IPPSN2020-974	P 14034	57	35	46	12	37	35	57
975	IPPSN2020-975	P 14041	68	34	35	12	37	35	68
976	IPPSN2020-976	P 14048	57	34	46	56	45	46	57
977	IPPSN2020-977	P 14061	68	35	35	56	45	46	68
978	IPPSN2020-978	P 14090	57	35	46	34	24	35	57
979	IPPSN2020-979	P 14103	58	35	57	34	24	46	58
980	IPPSN2020-980	P 14114	68	35	57	34	24	46	68
980A	INFECTOR		78	46	78	56	79	67	79
981	IPPSN2020-981	P 14115	57	34	57	23	35	45	57
982	IPPSN2020-982	P 14225	36	34	46	23	35	35	46
983	IPPSN2020-983	P 8127	46	34	67	23	36	45	67
984	IPPSN2020-984	P 8228	68	45	78	12	37	46	78
985	IPPSN2020-985	P 8229	78	34	25	23	36	35	78
986	IPPSN2020-986	P 8241	68	34	67	23	24	45	68
987	IPPSN2020-987	PWU 14	78	34	78	34	24	46	78
988	IPPSN2020-988	PWU-15	57	35	78	34	36	46	78
989	IPPSN2020-989	PWU-16	68	35	67	12	45	45	68
990	IPPSN2020-990	PWU-17	68	35	78	12	35	46	78
991	IPPSN2020-991	PWU-18	78	34	67	34	35	46	78
992	IPPSN2020-992	PWU-19	57	35	78	34	45	46	78
993	IPPSN2020-993	BCW 12	46	23	35	12	45	34	46
994	IPPSN2020-994	BCW 18	57	35	46	12	36	35	57
995	IPPSN2020-995	RWP-TS-15	57	35	47	34	36	46	57
996	IPPSN2020-996	RWP-TS-27	35	23	35	34	36	35	36
997	IPPSN2020-997	RWP-TS-24	46	23	35	12	45	34	46
998	IPPSN2020-998	RWP-TS-26	68	23	46	34	35	45	68
999	IPPSN2020-999	RWP-TS-23	57	23	35	12	45	34	57
1000	IPPSN2020-1000	RWP-TS-17	47	23	46	12	45	35	47
1000A	INFECTOR		78	46	67	34	79	57	79
1001	IPPSN2020-1001	RWP-TS-33	57	35	46	56	36	46	57
1002	IPPSN2020-1002	RWP-TS-16	68	35	57	34	45	46	68
1003	IPPSN2020-1003	RWP-TS-11	47	23	35	34	36	35	47
1004	IPPSN2020-1004	RWP-TS-13	35	35	46	12	36	35	46
1005	IPPSN2020-1005	RWP-TS-28	57	34	35	34	24	35	57
1006	IPPSN2020-1006	RWP-TS-01	46	34	46	34	24	35	46
1007	IPPSN2020-1007	NEP-TS-14	36	34	57	12	24	35	57
1008	IPPSN2020-1008	NEP-TS-4	57	34	46	12	35	35	57
1009	IPPSN2020-1009	NEP-TS-7	35	35	35	12	35	34	35
1010	IPPSN2020-1010	NEP-TS-1	46	23	46	34	24	35	46
1011	IPPSN2020-1011	NEP-TS-18	57	35	67	34	36	46	67

1012	IPPSN2020-1012	DWAP-TS-14	68	23	46	12	36	35	68
1013	IPPSN2020-1013	DWAP-TS-13	78	34	57	23	45	45	78
1014	IPPSN2020-1014	DWAP-TS-21	46	23	67	34	36	45	67
1015	IPPSN2020-1015	DWAP-TS-22	58	34	67	12	45	45	67
1016	IPPSN2020-1016	BST-A-TS-20	46	23	57	23	56	45	57
1017	IPPSN2020-1017	BST-A-TS-05	35	34	46	23	36	35	46
1018	IPPSN2020-1018	BST-A-TS-09	78	23	67	34	36	46	78
1019	IPPSN2020-1019	BST-A-TS-07	57	34	67	23	35	45	67
1020	IPPSN2020-1020	BST-A-TS-10	58	35	67	34	45	46	67
1020A	INFECTOR		78	46	78	56	79	67	79
1021	IPPSN2020-1021	BST-A-TS-19	57	45	46	34	36	46	57
1022	IPPSN2020-1022	BST-A-TS-04	45	23	35	12	24	24	45
1023	IPPSN2020-1023	QYT-TS-15	58	23	57	23	35	35	58
1024	IPPSN2020-1024	QYT-TS-12	46	23	35	23	45	34	46
1025	IPPSN2020-1025	QYT-TS-08	57	23	57	35	45	45	57
1026	IPPSN2020-1026	QYT-TS-14	58	23	46	34	45	45	58
1027	IPPSN2020-1027	QYT-TS-06	57	23	35	12	35	34	57
1028	IPPSN2020-1028	QYT-TS-03	46	23	67	36	35	45	67
1029	IPPSN2020-1029	GRU/2019-20/12	35	23	35	12	35	24	35
1030	IPPSN2020-1030	RWP-TS-29	46	23	46	35	35	35	46
1031	IPPSN2020-1031	RWP-TS-19	35	23	35	12	35	24	35
1032	IPPSN2020-1032	RWP-TS-03	36	23	46	34	35	35	46
1033	IPPSN2020-1033	RWP-TS-35	57	23	46	12	45	35	57
1034	IPPSN2020-1034	RWP-TS-36	46	35	46	12	45	35	46
1035	IPPSN2020-1035	RWP-TS-22	35	23	46	12	35	34	46
1036	IPPSN2020-1036	RWP-TS-38	46	23	57	12	35	35	57
1037	IPPSN2020-1037	RWP-TS-25	46	23	46	34	45	35	46
1038	IPPSN2020-1038	NEP-TS-23	57	45	57	34	37	46	57
1039	IPPSN2020-1039	DWAP-TS-04	46	23	46	23	35	35	46
1040	IPPSN2020-1040	DWAP-TS-29	57	23	67	23	45	45	67
1040A	INFECTOR		78	46	78	56	79	67	79
1041	IPPSN2020-1041	DWAP-TS-07	46	23	67	12	35	35	67
1042	IPPSN2020-1042	DWAP-TS-26	46	23	67	12	24	34	67
1043	IPPSN2020-1043	DWAP-TS-28	24	23	67	12	24	34	67
1044	IPPSN2020-1044	BST-D-TS-04	24	34	57	34	24	35	57
1045	IPPSN2020-1045	BST-A-TS-25	35	34	57	46	35	45	57
1046	IPPSN2020-1046	BST-A-TS-15	46	23	78	34	35	45	78
1047	IPPSN2020-1047	BST-A-TS-26	57	34	78	56	45	56	78
1048	IPPSN2020-1048	BST-A-TS-17	58	23	78	34	56	46	78
1049	IPPSN2020-1049	BST-A-TS-14	46	34	78	12	56	45	78
1050	IPPSN2020-1050	QYT-TS-20	35	23	57	12	35	34	57
1051	IPPSN2020-1051	QYT-TS-02	46	23	78	12	35	35	78
1052	IPPSN2020-1052	QYT-TS-25	58	23	46	34	35	35	58
1053	IPPSN2020-1053	PYT-TS-SR-15	68	23	67	34	46	46	68
1054	IPPSN2020-1054	RWP-IR-LS-13	68	23	46	34	35	45	68
1055	IPPSN2020-1055	RWP-IR-LS-07	57	23	57	12	35	35	57
1056	IPPSN2020-1056	RWP-IR-LS-12	36	23	35	12	35	24	36
1057	IPPSN2020-1057	RWP-IR-LS-05	68	23	57	12	45	45	68
1058	IPPSN2020-1058	RWP-IR-LS-10	35	23	46	12	36	34	46
1059	IPPSN2020-1059	RWP-IR-LS-04	46	23	46	12	45	34	46
1060	IPPSN2020-1060	RWP-IR-LS-02	46	34	57	23	45	45	57
1060A	INFECTOR		78	46	78	68	79	68	79
1061	IPPSN2020-1061	RWP-IR-LS-06	57	23	46	34	45	45	57
1062	IPPSN2020-1062	NEPZ-LS-24	46	23	46	34	36	35	46
1063	IPPSN2020-1063	NEPZ-LS-25	57	23	46	23	35	35	57
1064	IPPSN2020-1064	NEPZ-LS-08	46	34	67	23	35	45	67

1065	IPPSN2020-1065	NEPZ-LS-17	58	23	57	56	45	46	58
1066	IPPSN2020-1066	NEPZ-LS-04	46	23	57	12	46	35	57
1067	IPPSN2020-1067	NEPZ-LS-12	57	23	46	12	46	35	57
1068	IPPSN2020-1068	NEPZ-LS-09	45	23	46	12	35	34	46
1069	IPPSN2020-1069	DWAP-LS-06	46	23	46	34	36	35	46
1070	IPPSN2020-1070	DWAP-LS-07	57	23	57	23	35	35	57
1071	IPPSN2020-1071	DWAP-LS-11	58	23	46	23	35	35	58
1072	IPPSN2020-1072	DWAP-LS-08	57	34	46	34	45	45	57
1073	IPPSN2020-1073	DWAP-LS-13	46	23	67	12	56	45	67
1074	IPPSN2020-1074	DWAP-LS-16	57	23	46	12	45	35	57
1075	IPPSN2020-1075	DWAP-LS-19	46	23	67	34	35	45	67
1076	IPPSN2020-1076	DWAP-LS-14	35	23	35	12	35	24	35
1077	IPPSN2020-1077	BST-A-LS-01	46	23	46	23	24	34	46
1078	IPPSN2020-1078	BST-A-LS-10	35	23	46	23	36	35	46
1079	IPPSN2020-1079	BST-A-LS-02	36	35	78	12	35	35	78
1080	IPPSN2020-1080	BST-A-LS-07	46	23	46	12	24	34	46
1080A	INFECTOR		78	46	78	56	79	67	79
1081	IPPSN2020-1081	BST-A-LS-03	57	35	67	45	35	46	67
1082	IPPSN2020-1082	QYT-LS-1944	46	23	57	34	35	35	57
1083	IPPSN2020-1083	QYT-LS-1950	57	23	46	23	24	35	57
1084	IPPSN2020-1084	QYT-LS-1943	46	23	46	12	24	34	46
1085	IPPSN2020-1085	QYT-LS-1958	46	23	57	12	24	34	57
1086	IPPSN2020-1086	GRU/2019-20/13	35	23	57	23	24	34	57
1087	IPPSN2020-1087	RWP-RI-14	46	35	67	34	35	45	67
1088	IPPSN2020-1088	RWP-RI-16	57	23	67	23	36	45	67
1089	IPPSN2020-1089	RWP-RI-02	68	35	57	23	24	45	68
1090	IPPSN2020-1090	RWP-RI-06	57	23	46	23	24	35	57
1091	IPPSN2020-1091	RWP-RI-17	57	34	67	34	24	45	67
1092	IPPSN2020-1092	RWP-RI-07	47	23	68	23	45	45	68
1093	IPPSN2020-1093	RWP-RI-15	46	34	78	12	45	45	78
1094	IPPSN2020-1094	RWP-RI-19	35	23	68	12	36	35	68
1095	IPPSN2020-1095	NEPZ-RI-15	24	23	46	23	24	24	46
1096	IPPSN2020-1096	NEPZ-RI-06	46	23	46	23	24	34	46
1097	IPPSN2020-1097	NEPZ-RI-03	46	34	46	34	24	35	46
1098	IPPSN2020-1098	NEPZ-RI-14	57	23	57	12	24	35	57
1099	IPPSN2020-1099	DWAP-10	36	23	46	12	46	35	46
1100	IPPSN2020-1100	DWAP-04	45	35	67	12	46	45	67
1100A	INFECTOR		78	46	78	34	79	67	79
1101	IPPSN2020-1101	DWAP-19	46	35	67	12	36	35	67
1102	IPPSN2020-1102	DWAP-06	57	34	67	23	36	45	67
1103	IPPSN2020-1103	BST-A-RI-1905	68	34	67	34	36	46	68
1104	IPPSN2020-1104	BST-A-RI-1904	57	23	46	12	36	35	57
1105	IPPSN2020-1105	BST-A-RI-1907	78	23	67	34	45	45	78
1106	IPPSN2020-1106	QYT-RI-1926	57	23	46	56	45	45	57
1107	IPPSN2020-1107	QYT-RI-1941	36	23	57	12	36	35	57
1108	IPPSN2020-1108	GRU/2019-20/14	46	23	46	12	36	35	46
1109	IPPSN2020-1109	HUWL2001	57	23	35	12	35	34	57
1110	IPPSN2020-1110	HUWL2002	35	23	46	12	24	24	46
1111	IPPSN2020-1111	HUWL2003	57	23	57	12	24	35	57
1112	IPPSN2020-1112	HUWL2004	35	23	35	12	24	24	35
1113	IPPSN2020-1113	HUWL2005	57	23	46	35	35	35	57
1114	IPPSN2020-1114	HUWL2006	46	23	46	12	36	35	46
1115	IPPSN2020-1115	HUWL2007	35	23	57	25	36	35	57
1116	IPPSN2020-1116	HUWL2008	46	23	57	25	36	35	57
1117	IPPSN2020-1117	HUWL2009	NG	NG	67	56	45	56	67
1118	IPPSN2020-1118	HUWL2010	57	34	67	34	35	45	67

1119	IPPSN2020-1119	HUWL2011	NG	NG	NG	NG	45	45	45
1120	IPPSN2020-1120	HUWL2012	35	23	35	12	35	24	35
1120A	INFECTOR		78	46	78	56	79	67	79
1121	IPPSN2020-1121	HUWL2013	35	NG	67	23	45	45	67
1122	IPPSN2020-1122	HUWL2014	47	23	57	34	45	45	57
1123	IPPSN2020-1123	HUWL2015	46	23	67	34	56	45	67
1124	IPPSN2020-1124	HUWL2016	35	23	78	NG	56	46	78
1125	IPPSN2020-1125	HUWL2017	46	23	57	23	56	45	57
1126	IPPSN2020-1126	HUWL2018	57	34	67	12	45	45	67
1127	IPPSN2020-1127	HUWL2019	48	23	46	34	45	35	48
1128	IPPSN2020-1128	HUWL2020	46	34	46	34	45	45	46
1129	IPPSN2020-1129	HUWL2021	68	34	57	12	45	45	68
1130	IPPSN2020-1130	HUWL2022	68	23	67	23	36	45	68
1131	IPPSN2020-1131	HUWL2023	78	35	57	23	36	46	78
1132	IPPSN2020-1132	HUWL2024	36	23	57	23	35	35	57
1133	IPPSN2020-1133	HUWL2025	57	23	46	23	36	35	57
1134	IPPSN2020-1134	HUWL2026	46	23	46	12	36	35	46
1135	IPPSN2020-1135	HUWL2027	36	23	46	12	36	35	46
1136	IPPSN2020-1136	HUWL2028	46	23	35	35	36	35	46
1137	IPPSN2020-1137	HUWL2029	57	23	47	35	36	36	57
1138	IPPSN2020-1138	HUWL2030	58	23	46	12	35	35	58
1139	IPPSN2020-1139	HUWL2031	36	23	57	12	35	35	57
1140	IPPSN2020-1140	HUWL2032	68	23	67	12	35	45	68
1140A	INFECTOR		78	46	78	34	79	67	79
1141	IPPSN2020-1141	HUWL2033	68	34	67	12	57	46	68
1142	IPPSN2020-1142	HUWL2034	46	23	46	35	46	35	46
1143	IPPSN2020-1143	HUWL2035	78	35	57	56	46	56	78
1144	IPPSN2020-1144	HUWL2036	68	45	67	34	45	56	68
1145	IPPSN2020-1145	HUWL2037	57	35	67	12	36	45	67
1146	IPPSN2020-1146	HUWL2038	68	45	46	23	45	45	68
1147	IPPSN2020-1147	HUWL2039	NG	NG	57	23	45	45	57
1148	IPPSN2020-1148	HUWL2040	68	35	46	34	45	46	68
1149	IPPSN2020-1149	BW17R2038	57	35	57	34	46	46	57
1150	IPPSN2020-1150	BW17R6045	68	23	57	NG	47	46	68
1151	IPPSN2020-1151	Sahib 2603	57	35	46	12	45	35	57
1152	IPPSN2020-1152	920(d)	68	45	78	34	45	56	78
1153	IPPSN2020-1153	926	57	34	57	12	36	35	57
1154	IPPSN2020-1154	946	68	34	67	23	36	46	68
1155	IPPSN2020-1155	948	67	35	67	35	35	46	67
1156	IPPSN2020-1156	1006	78	35	78	12	36	46	78
1157	IPPSN2020-1157	1013	68	35	67	34	35	46	68
1158	IPPSN2020-1158	1117	67	35	57	34	35	46	67
1159	IPPSN2020-1159	1119	57	34	46	12	35	35	57
1160	IPPSN2020-1160	1216	36	23	57	12	35	35	57
1160A	INFECTOR		78	46	78	67	79	68	79
1161	IPPSN2020-1161	1322	35	23	24	23	45	34	45
1162	IPPSN2020-1162	RAUW 11	NG	23	NG	45	45	34	45
1163	IPPSN2020-1163	RAUW 12	46	35	25	23	45	35	46
1164	IPPSN2020-1164	RAUW 13	57	35	57	12	46	45	57
1165	IPPSN2020-1165	RAUW 14	35	45	36	56	46	46	56
1166	IPPSN2020-1166	RAUW 15	57	35	24	34	35	35	57
1167	IPPSN2020-1167	WR 2065	45	34	67	56	36	46	67
1168	IPPSN2020-1168	WR 2066	68	34	57	34	45	46	68
1169	IPPSN2020-1169	WR 2067	78	35	78	12	45	46	78
1170	IPPSN2020-1170	WR 2068	57	34	78	12	57	46	78
1171	IPPSN2020-1171	WR 2069	57	34	78	12	45	45	78

1172	IPPSN2020-1172	WR 2070	46	34	78	12	45	45	78
1173	IPPSN2020-1173	WR 2071	68	34	67	12	56	45	68
1174	IPPSN2020-1174	WR 2072	47	34	57	23	36	35	57
1175	IPPSN2020-1175	WR 2073	57	34	46	23	37	35	57
1176	IPPSN2020-1176	WR 2074	58	23	57	34	36	46	58
1177	IPPSN2020-1177	WR 2075	46	45	57	34	36	46	57
1178	IPPSN2020-1178	WR 2076	46	45	67	34	45	45	67
1179	IPPSN2020-1179	WR 2077	57	34	67	23	45	45	67
1180	IPPSN2020-1180	WR 2078	68	23	67	78	57	57	78
1180A	INFECTOR		78	46	78	78	79	68	79
1181	IPPSN2020-1181	WR 2079	57	35	57	12	45	45	57
1182	IPPSN2020-1182	WR 2080	68	23	67	34	36	46	68
1183	IPPSN2020-1183	WR 2081	57	34	46	34	36	45	57
1184	IPPSN2020-1184	WR 2082	47	34	57	12	36	35	57
1185	IPPSN2020-1185	WR 2083	46	35	46	23	45	35	46
1186	IPPSN2020-1186	WR 2084	57	23	46	12	45	35	57
1187	IPPSN2020-1187	WR 2085	45	35	57	23	46	45	57
1188	IPPSN2020-1188	WR 2086	57	34	46	23	45	45	57
1189	IPPSN2020-1189	WR 2087	67	23	67	34	45	45	67
1190	IPPSN2020-1190	WR 2088	45	23	67	34	45	45	67
1191	IPPSN2020-1191	WR 2089	57	34	46	12	56	45	57
1192	IPPSN2020-1192	WR 2090	46	34	35	34	36	35	46
1193	IPPSN2020-1193	WR 2091	57	34	57	23	37	46	57
1194	IPPSN2020-1194	WR 2092	45	34	57	12	36	35	57
1195	IPPSN2020-1195	WR 2093	57	35	46	12	36	35	57
1196	IPPSN2020-1196	WR 2094	68	34	46	12	45	45	68
1197	IPPSN2020-1197	WR 2095	35	34	78	23	45	45	78
1198	IPPSN2020-1198	WR 2096	46	34	46	23	45	35	46
1199	IPPSN2020-1199	WR 2097	47	35	46	45	57	46	57
1200	IPPSN2020-1200	WR 2098	46	35	46	45	57	46	57
1200A	INFECTOR		78	46	67	78	79	68	79
1201	IPPSN2020-1201	WR 2099	57	35	46	23	47	46	57
1202	IPPSN2020-1202	WR 2100	58	23	57	23	24	35	58
1203	IPPSN2020-1203	WR 2101	35	34	35	12	36	34	36
1204	IPPSN2020-1204	WR 2102	46	23	57	12	37	35	57
1205	IPPSN2020-1205	WR 2103	35	23	46	12	36	34	46
1206	IPPSN2020-1206	WR 2104	36	34	24	12	37	25	37
1207	IPPSN2020-1207	WR 2105	57	23	57	23	36	35	57
1208	IPPSN2020-1208	WR 2106	58	34	67	12	36	45	67
1209	IPPSN2020-1209	WR 2107	57	23	46	34	35	35	57
1210	IPPSN2020-1210	WR 2108	35	34	24	12	24	24	35
1211	IPPSN2020-1211	WR 2109	58	34	46	23	24	35	58
1212	IPPSN2020-1212	WR 2110	36	23	57	23	35	35	57
1213	IPPSN2020-1213	WR 2111	46	34	57	23	36	35	57
1214	IPPSN2020-1214	WR 2112	57	23	57	34	45	45	57
1215	IPPSN2020-1215	WR 2113	46	23	46	12	45	34	46
1216	IPPSN2020-1216	WR 2114	57	23	67	34	37	46	67
1217	IPPSN2020-1217	TAW40	35	23	24	12	24	24	35
1218	IPPSN2020-1218	TAW41	36	34	46	34	24	35	46
1219	IPPSN2020-1219	TAW66	46	23	57	12	24	34	57
1220	IPPSN2020-1220	TAW90	57	35	57	12	46	45	57
1220A	INFECTOR		78	46	78	58	79	68	79
1221	IPPSN2020-1221	TAW99	46	23	35	12	37	35	46
1222	IPPSN2020-1222	TAW100	57	23	35	23	37	35	57
1223	IPPSN2020-1223	TAW101	58	34	46	23	45	45	58
1224	IPPSN2020-1224	TAW76	45	34	67	34	45	45	67

1225	IPPSN2020-1225	TAW77	68	35	57	56	45	56	68
1226	IPPSN2020-1226	TAW121	57	23	35	23	37	35	57
1227	IPPSN2020-1227	TAW133	68	34	46	12	37	35	68
1228	IPPSN2020-1228	TAW142	57	23	35	12	35	34	57
1229	IPPSN2020-1229	BWL 6801	46	23	57	34	36	35	57
1230	IPPSN2020-1230	BNSR-6	57	34	46	56	45	46	57
1231	IPPSN2020-1231	UP 3101	35	23	67	12	36	35	67
1232	IPPSN2020-1232	IND 573	46	35	78	34	24	45	78
1233	IPPSN2020-1233	MACS 6823	57	45	46	NG	24	46	57
1234	IPPSN2020-1234	QLD 117	46	23	46	34	37	35	46
1235	IPPSN2020-1235	MACS 6821	57	35	57	23	45	45	57
1236	IPPSN2020-1236	NEQ-2020-2	46	34	35	12	45	34	46
1237	IPPSN2020-1237	BWL 9986	36	23	35	12	36	24	36
1238	IPPSN2020-1238	UASQ 331	58	35	67	12	36	46	67
1239	IPPSN2020-1239	CG 2021	78	23	57	34	24	45	78
1240	IPPSN2020-1240	MACS 6822	68	23	46	23	47	45	68
1240A	INFECTOR		78	46	78	34	79	67	79
1241	IPPSN2020-1241	QLD 120	45	35	57	34	36	45	57
1242	IPPSN2020-1242	UP 3104	46	34	46	12	36	35	46
1243	IPPSN2020-1243	GW-A-2020-999	68	35	57	34	35	46	68
1244	IPPSN2020-1244	DWAP-2026	57	34	46	14	36	35	57
1245	IPPSN2020-1245	ID 2017	35	35	67	34	37	46	67
1246	IPPSN2020-1246	DWAP 1926	57	35	57	23	37	46	57
1247	IPPSN2020-1247	BWL 9981	36	34	35	34	36	35	36
1248	IPPSN2020-1248	MACS 6824	46	45	57	45	35	46	57
1249	IPPSN2020-1249	QLD 119	57	35	46	23	45	45	57
1250	IPPSN2020-1250	IND 572	68	45	47	23	36	46	68
1251	IPPSN2020-1251	QLD 121	24	35	35	34	35	35	35
1252	IPPSN2020-1252	QBI-19 - 09	35	45	47	12	35	35	47
1253	IPPSN2020-1253	QLD 118	24	35	35	56	35	35	56
1254	IPPSN2020-1254	GW - A- 2019-955	47	34	47	36	36	36	47
1255	IPPSN2020-1255	QBI 19-27	46	34	57	35	35	45	57
1256	IPPSN2020-1256	QBP-18-15	68	45	57	12	35	45	68
1257	IPPSN2020-1257	RWP 1002	57	35	47	12	24	35	57
1258	IPPSN2020-1258	QBI-20-20	57	34	57	45	36	46	57
1259	IPPSN2020-1259	GW-A-2020-1002	46	45	67	12	36	45	67
1260	IPPSN2020-1260	QLD 122	35	35	46	34	45	35	46
1260A	INFECTOR		78	46	78	23	79	57	79
1261	IPPSN2020-1261	CG 2023	57	23	24	34	36	35	57
1262	IPPSN2020-1262	DWAP 1925	68	34	46	34	45	45	68
1263	IPPSN2020-1263	QBI-20-14	57	34	46	23	36	35	57
1264	IPPSN2020-1264	QBI 19-24	57	23	57	23	35	35	57
1265	IPPSN2020-1265	GW-A-2020-998	68	45	67	12	36	46	68
1266	IPPSN2020-1266	QLD 123	57	23	35	12	36	35	57
1267	IPPSN2020-1267	RWP 1146	46	34	57	12	36	35	57
1268	IPPSN2020-1268	DWAP-2025	57	45	67	23	36	46	67
1269	IPPSN2020-1269	QBI-20-9	68	35	67	23	35	46	68
1270	IPPSN2020-1270	BNSR-7	46	23	57	12	35	35	57
1271	IPPSN2020-1271	HTW 2019-21	57	34	67	23	35	45	67
1272	IPPSN2020-1272	GW-A-2019-957	68	35	78	56	35	56	78
1273	IPPSN2020-1273	QBI-19 - 15	57	34	46	24	35	35	57
1274	IPPSN2020-1274	GW - (d)- 2019-987	78	34	78	35	24	46	78
1275	IPPSN2020-1275	UASQ 330	67	35	46	34	24	45	67
1276	IPPSN2020-1276	NEQ-2020-1	78	23	35	34	24	35	78
1277	IPPSN2020-1277	DBW88-1	57	23	13	12	24	24	57
1278	IPPSN2020-1278	DBW88-2	57	23	24	12	24	24	57

1279	IPPSN2020-1279	DBW88-3	46	34	35	12	24	34	46
1280	IPPSN2020-1280	DBW88-4	58	23	35	12	35	35	58
1280A	INFECTOR		78	46	78	68	79	68	79
1281	IPPSN2020-1281	DBW88-5	35	23	24	12	35	24	35
1282	IPPSN2020-1282	DBW88-6	36	23	24	12	35	24	36
1283	IPPSN2020-1283	DBW88-7	46	23	24	12	24	24	46
1284	IPPSN2020-1284	DBW88-8	57	23	35	13	24	34	57
1285	IPPSN2020-1285	DBW88-9	36	23	24	12	24	24	36
1286	IPPSN2020-1286	DBW88-10	46	24	14	23	24	24	46
1287	IPPSN2020-1287	DBW88-11	57	23	24	34	35	35	57
1288	IPPSN2020-1288	DBW88-12	46	23	24	12	36	24	46
1289	IPPSN2020-1289	DBW88-13	35	23	24	12	35	24	35
1290	IPPSN2020-1290	DBW88-14	57	23	24	24	36	35	57
1291	IPPSN2020-1291	DBW88-15	46	34	24	23	36	35	46
1292	IPPSN2020-1292	DBW88-16	57	34	35	34	36	35	57
1293	IPPSN2020-1293	DBW88-17	46	23	35	23	36	35	46
1294	IPPSN2020-1294	DBW88-18	68	23	35	12	36	35	68
1295	IPPSN2020-1295	DBW88-19	46	23	24	12	35	24	46
1296	IPPSN2020-1296	DBW88-20	57	23	12	12	35	24	57
1297	IPPSN2020-1297	DBW88-21	36	23	35	24	35	35	36
1298	IPPSN2020-1298	DBW88-22	57	23	35	23	35	35	57
1299	IPPSN2020-1299	DBW88-23	68	34	46	34	45	45	68
1300	IPPSN2020-1300	DBW88-24	57	23	1	12	46	24	57
1300A	INFECTOR		78	46	67	68	79	68	79
1301	IPPSN2020-1301	KRL-2001	57	34	46	12	24	35	57
1302	IPPSN2020-1302	KRL-2006	45	34	25	34	24	34	45
1303	IPPSN2020-1303	KRL-2009	57	23	24	23	24	34	57
1304	IPPSN2020-1304	KRL-2011	68	34	57	23	35	45	68
1305	IPPSN2020-1305	KRL-2012	57	23	24	12	35	34	57
1306	IPPSN2020-1306	KRL-2017	68	35	46	23	45	45	68
1307	IPPSN2020-1307	KRL-2018	57	35	46	34	45	45	57
1308	IPPSN2020-1308	KRL-2023	78	34	46	36	45	46	78
1309	IPPSN2020-1309	KRL-2026	78	23	35	12	36	35	78
1310	IPPSN2020-1310	KRL-2027	68	23	46	34	37	46	68
1311	IPPSN2020-1311	RWP1116	57	35	46	12	45	35	57
1312	IPPSN2020-1312	RWP1119	58	34	46	34	45	45	58
1313	IPPSN2020-1313	LBP-2019-14	67	34	47	12	37	35	67
1314	IPPSN2020-1314	LBP-2019-21	68	34	35	12	36	35	68
1315	IPPSN2020-1315	LBP-2019-31	46	23	35	12	37	35	46
1316	IPPSN2020-1316	DWAP2022	68	23	46	23	36	35	68
1317	IPPSN2020-1317	DWAP2023	36	23	12	12	35	24	36
1318	IPPSN2020-1318	DWAP2024	57	23	46	23	36	35	57
1319	IPPSN2020-1319	SANSR-8	58	23	35	23	45	35	58
1320	IPPSN2020-1320	SANSR-9	67	23	36	23	45	35	67
1320A	INFECTOR		78	46	78	78	79	68	79
1321	IPPSN2020-1321	HD3414	78	23	25	12	45	35	78
1322	IPPSN2020-1322	HD3415	36	34	35	12	45	34	45
1323	IPPSN2020-1323	K1901	46	23	24	12	45	34	46
1324	IPPSN2020-1324	K1905	57	34	46	23	45	45	57
1325	IPPSN2020-1325	NW-8003	68	34	57	34	45	46	68
1326	IPPSN2020-1326	NW-8005	68	23	46	12	46	35	68
1327	IPPSN2020-1327	WH1278	78	34	57	12	46	45	78
1328	IPPSN2020-1328	WH1283	57	34	46	34	47	46	57
1329	IPPSN2020-1329	BWL5179	46	23	35	12	45	34	46
1330	IPPSN2020-1330	BWL6851	57	23	67	34	57	46	67
1331	IPPSN2020-1331	RAJ4564	68	34	57	34	45	46	68

1332	IPPSN2020-1332	RAJ4565	46	34	67	34	46	45	67
1333	IPPSN2020-1333	UASS300	57	34	46	12	45	35	57
1334	IPPSN2020-1334	UASS310	35	23	12	12	46	24	46
1335	IPPSN2020-1335	KRL210 ©	57	34	67	34	47	46	67
1336	IPPSN2020-1336	KRL19 ©	68	35	67	23	45	46	68
1337	IPPSN2020-1337	CST-1	57	34	57	34	35	45	57
1338	IPPSN2020-1338	CST-2	36	34	46	23	45	35	46
1339	IPPSN2020-1339	CST-3	46	23	46	34	35	35	46
1340	IPPSN2020-1340	CST-4	35	23	57	12	35	34	57
1340A	INFECTOR		78	46	78	56	79	67	79
1341	IPPSN2020-1341	CST-5	57	34	57	34	46	46	57
1342	IPPSN2020-1342	CST-6	46	34	46	12	46	35	46
1343	IPPSN2020-1343	CST-7	58	23	67	12	46	45	67
1344	IPPSN2020-1344	CST-8	47	23	67	34	45	45	67
1345	IPPSN2020-1345	CST-9	46	34	67	34	35	45	67
1346	IPPSN2020-1346	CST-10	35	34	46	23	35	35	46
1347	IPPSN2020-1347	CST-11	57	23	57	23	35	35	57
1348	IPPSN2020-1348	CST-12	36	23	46	34	45	35	46
1349	IPPSN2020-1349	CST-13	46	23	57	12	45	35	57
1350	IPPSN2020-1350	CST-14	25	23	35	23	46	34	46
1351	IPPSN2020-1351	CST-15	35	34	46	23	45	35	46
1352	IPPSN2020-1352	CST-16	24	23	36	34	46	35	46
1353	IPPSN2020-1353	CST-17	25	34	46	12	45	34	46
1354	IPPSN2020-1354	CST-18	36	35	57	12	45	35	57
1355	IPPSN2020-1355	CST-19	35	35	57	12	35	35	57
1356	IPPSN2020-1356	CST-20	36	35	35	12	35	35	36
1357	IPPSN2020-1357	CST-21	46	34	35	34	36	35	46
1358	IPPSN2020-1358	CST-22	46	34	46	12	35	35	46
1359	IPPSN2020-1359	CST-23	57	34	46	12	35	35	57
1360	IPPSN2020-1360	CST-24	46	35	35	34	45	35	46
1360A	INFECTOR		78	46	67	68	79	68	79
1361	IPPSN2020-1361	CST-25	36	35	46	12	46	35	46
1362	IPPSN2020-1362	WSM 138	46	35	57	34	47	46	57