

TELEPHONE KIOSKS

Control of Lighting

Operating Times of Solar Dials

[NOTE:—As this Instruction has been completely revised, individual items have not been 'starred']

1. **General.** The switching times of kiosk lighting are based on the times of sunset and sunrise. As these times vary according to the latitude and longitude, the solar dials are made to suit the average conditions in the area in which they are to be used. For this purpose the country is divided into zones as indicated in Fig. 1. Each zone is lettered and this letter is stamped on the solar dial proper to be used in that zone. The times of operation provided by the solar dials are shown in

Table 1. The times shown refer to Solar Dial No. 2 and the new cam-operated Solar Dial No. 1. The times for the old rack-and-pinion-operated Solar Dial No. 1 used hitherto are slightly different but the variation is generally insignificant.

The dial appropriate to the zone in which the kiosk is installed should be requisitioned and fitted locally. The electrical installation and the setting of solar dials are described in C 3500.

TABLE 1. TIMES OF OPERATION

IN—SUNSET		OUT—SUNRISE								ALL TIMES ARE G.M.T.	
Date	Zone A	Zone B	Zone C	Zone D	Zone E	Zone F	Zone G	Zone H	Zone K		
1 Jan.	IN—p.m.	4.02	4.14	3.54	4.05	3.48	3.59	3.44	4.11	4.20	
	OUT—a.m.	8.05	8.17	8.14	8.25	8.32	8.43	8.54	8.55	8.23	
1 Feb.	IN—p.m.	4.48	5.00	4.44	4.55	4.42	4.53	4.43	5.05	5.06	
	OUT—a.m.	7.42	7.54	7.46	7.57	7.59	8.10	8.17	8.22	8.00	
1 Mar.	IN—p.m.	5.39	5.51	5.37	5.48	5.40	5.51	5.45	6.03	5.57	
	OUT—a.m.	6.47	6.59	6.50	7.01	6.59	7.10	7.10	7.22	7.05	
1 Apr.	IN—p.m.	6.32	6.44	6.33	6.44	6.41	6.52	6.53	7.04	6.50	
	OUT—a.m.	5.38	5.50	5.36	5.47	5.40	5.51	5.47	6.03	5.56	
1 May	IN—p.m.	7.21	7.33	7.27	7.38	7.40	7.51	7.57	8.03	7.39	
	OUT—a.m.	4.34	4.46	4.29	4.40	4.28	4.39	4.29	4.51	4.52	
1 June	IN—p.m.	8.07	8.19	8.15	8.26	8.33	8.44	8.56	8.56	8.25	
	OUT—a.m.	3.49	4.01	3.41	3.52	3.35	3.46	3.31†	3.58	4.07	
1 July	IN—p.m.	8.21	8.33	8.29	8.40	8.48	8.59	9.13	9.11	8.39	
	OUT—a.m.	3.46	3.58	3.37	3.48	3.30	3.41	3.31‡	3.53	4.04	
1 Aug.	IN—p.m.	7.50	8.02	7.56	8.07	8.11	8.22	8.30	8.34	8.08	
	OUT—a.m.	4.22	4.34	4.16	4.27	4.13	4.24	4.11	4.36	4.40	
1 Sept.	IN—p.m.	6.48	7.00	6.51	7.02	7.01	7.12	7.14	7.24	7.06	
	OUT—a.m.	5.11	5.23	5.08	5.19	5.10	5.21	5.15	5.33	5.29	
1 Oct.	IN—p.m.	5.40	5.52	5.39	5.50	5.44	5.55	5.52	6.07	5.58	
	OUT—a.m.	5.58	6.10	6.00	6.11	6.07	6.18	6.17	6.30	6.16	
1 Nov.	IN—p.m.	4.35	4.47	4.31	4.42	4.31	4.42	4.33	4.54	4.53	
	OUT—a.m.	6.51	7.03	6.56	7.07	7.08	7.19	7.24	7.31	7.09	
1 Dec.	IN—p.m.	3.56	4.08	3.48	3.59	3.44	3.55	3.41	4.07	4.14	
	OUT—a.m.	7.42	7.54	7.49	8.00	8.06	8.17	8.27	8.29	8.00	

†3.30 a.m. in the case of Solar Dials No. 1.

‡3.24 a.m. in the case of Solar Dials No. 1

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1 Apr.	IN—p.m.	6.32	6.44	6.33	6.44	6.41	6.52	6.53	7.04	6.50
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1 May	IN—p.m.	7.21	7.33	7.27	7.38	7.40	7.51	7.57	8.03	7.39
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	OUT—a.m.	5.58	6.10	6.00	6.11	6.07	6.18	6.17	6.30	6.16
1 Nov.	IN—p.m.	4.35	4.47	4.31	4.42	4.31	4.42	4.33	4.54	4.53
	OUT—a.m.	6.51	7.03	6.56	7.07	7.08	7.19	7.24	7.31	7.09
1 Dec.	IN—p.m.	3.56	4.08	3.48	3.59	3.44	3.55	3.41	4.07	4.14
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