



Code Selection Guide

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English

The Code Book lists 256 standard timing codes. The MicroPower OMNIBUS™ flasher/timer software and the DuoFlash™ (GMU) timer software support all 256 codes. Other lantern systems do not support all codes. The applicable codes are marked as follows in the first column:

- 1 Code not supported by FLAC-2AS or FLAC-750 lanterns.
- 2 Code not supported by DuoFlash™ (Ex).
- 3 Designates codes intended for fog signals.

Code selection is accomplished by setting the two hexadecimal switches on the processor card to the positions indicated in Column 2 of the code listings in this Guide.

- Column 1...Designates special instructions (see above 1-4).
- Column 2...Switch settings.
- Column 3...IALA abbreviation.
- Column 4-21...On and off periods (Contact Closure Time).

Spanish

El Manual de Códigos enumera 256 códigos normalizados de temporización. El software del destellador/temporizador MicroPower OMNIBUS^{MR} y el software del temporizador DuoFlash^{MR} (GMU) apoyan el conjunto de 256 códigos. Otros sistemas de linternas no apoyan todos los códigos. Los códigos aplicables están marcados de la manera siguiente en la primera columna:

- 1 Código no apoyado por las linternas FLAC-2AS o FLAC-750.
- 2 Código no apoyado por DuoFlash^{MR} (Ex).
- 3 Indica códigos destinados para señales de niebla.

Para seleccionar un código, se ajustan los dos interruptores hexadecimales en la tarjeta del procesador a las posiciones indicadas en la Columna 2 de las listas de códigos en esta Guía.

- Columna 1..... Indica instrucciones especiales (vea 1 a 4 anteriores).
- Columna 2..... Puntos de ajuste de interruptor.
- Columna 3..... Abreviatura IALA.
- Columnas 4-21.. Períodos Encendido y Apagado (Tiempo de cierre de los contactos).

French

Le Manuel des Codes énumère les 256 codes de minutage standard. Le logiciel de l'éclipser/minuterie MicroPower OMNIBUS^{MD} et le logiciel de la minuterie DuoFlash^{MD} (GMU) supportent l'ensemble des 256 codes. Par contre, certaines autres lanternes ne supportent pas tous ces codes. Les codes applicables sont identifiés de la manière suivante dans la première colonne :

- 1 Code non supporté par les lanternes FLAC-2AS ou FLAC-750.
- 2 Code non supporté par le DuoFlash^{MD} (Ex).
- 3 Désigne des codes prévus pour signaux de brouillard.

Pour sélectionner un code, régler les deux commutateurs hexadécimaux situés sur la carte du processeur sur les positions indiquées à la colonne 2 de la liste des codes de ce Manuel.

- Colonne 1...Instructions spéciales (voir 1-4 ci-dessus).
- Colonne 2...Position des commutateurs.
- Colonne 3...Abréviation IALA.
- Colonnes 4-21...Durées Allumé et Eteint (Temps de fermeture des contacts).

Portugese

O Manual de Códigos faz a enumeração dos 256 códigos-padrão de regulação de tempo. O programa software de centelhador/regulador de tempo MicroPower OMNIBUS^{MD} e o programa software regulador de tempo DuoFlash^{MD} (GMU) suportam todos os 256 códigos. Outros sistemas de lanternas não suportam todos os códigos. Os códigos aplicáveis estão marcados da forma seguinte na primeira coluna:

- 1 Código não suportado pelas lanternas FLAC-2AS ou FLAC-750.
- 2 Código não suportado por DuoFlash^{MD} (Ex).
- 3 Designa códigos destinados para sinais de neblina.

Para escolher um código, ajuste os dois interruptores hexadecimais no cartão eletrônico do processador colocando-os nas posições indicadas na Coluna 2 das listas de códigos nesta Guia.

- Coluna 1..... Designa instruções especiais (vide 1 a 4 acima).
- Coluna 2..... Pontos de ajuste do interruptor.
- Coluna 3..... Abreviação IALA.
- Colunas 4-21.. Períodos Ligado e Desligado (Tempo de fechamento dos contatos).

Indonesian

Terdaftar dalam Buku Kode adalah 256 kode-kode standar pengaturan tempo. Perangkat lunak cahaya kilasan/pengatur waktu merek Micro-Power OMNIBUS™ dan perangkat lunak pengatur waktu merek DuoFlash™ (GMU) menyokong ke-256 kode-kode tersebut diatas secara menyeluruh. Sistem-sistem lantera lainnya tidak menyokongnya secara menyeluruh. Kode-kode yang digunakan adalah tertera pada kolom pertama sebagai berikut:

1. Kode-kode yang tidak disokong oleh lantera-lantera FLAC-2AS atau FLAC 750.
2. Kode yang tidak disokong oleh DuoFlash™ (Ex).
3. Kode-kode tertentu untuk sinyal-sinyal kabut.

Pemilihan kode dilakukan dengan menempatkan tombol pemetik pada kedua saklar pemetik hexadesimal yang terdapat pada kartu prosesor pada posisi-posisi yang ditentukan dalam kolom 2 dari daftar-daftar kode dalam buku petunjuk ini.

- Kolom 1...Petunjuk-petunjuk khusus (lihat 1-4 di atas).
- Kolom 2...Ketentuan-ketentuan tombol pemetik.
- Kolom 3...Singkatan-singkatan IALA.
- Kolom-kolom 4-21...Periode-periode On dan Off (Saat Kontak Penutup).

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1,2	00	FIXED																		
1	06	FL 1.5S	0.20	1.30																
1	1F	FL 1.5S	0.30	1.20																
1	D8	FL 1.5S	0.40	1.10																
	34	FL 1.5S	0.50	1.00																
1	16	FL 2S	0.20	1.80																
1	17	FL 2S	0.30	1.70																
1	18	FL 2S	0.40	1.60																
	01	FL 2S	0.50	1.50																
	02	FL 2S	0.70	1.30																
	20	FL 2S	0.80	1.20																
1	1C	FL 2.5S	0.30	2.20																
	03	FL 2.5S	1.00	1.50																
1	32	FL 3S	0.20	2.80																
1	04	FL 3S	0.30	2.70																
1	3E	FL 3S	0.40	2.60																
	05	FL 3S	0.50	2.50																
	45	FL 3S	0.60	2.40																
	08	FL 3S	0.70	2.30																
	07	FL 3S	1.00	2.00																

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	46	FL 4S	0.20	3.80																
1	50	FL 4S	0.30	3.70																
1	09	FL 4S	0.40	3.60																
	0A	FL 4S	0.50	3.50																
	66	FL 4S	0.60	3.40																
	19	FL 4S	0.80	3.20																
	67	FL 6S	1.20	4.80																
	0B	FL 4S	1.00	3.00																
	0C	FL 4S	1.50	2.50																
	1A	FL 4.3S	1.30	3.00																
1	68	FL 5S	0.20	4.80																
1	1B	FL 5S	0.30	4.70																
	0D	FL 5S	0.50	4.50																
	CE	FL 5S	0.90	4.10																
	0E	FL 5S	1.00	4.00																
	0F	FL 5S	1.50	3.50																
1	69	FL 6S	0.20	5.80																
1	71	FL 6S	0.30	5.70																
1	72	FL 6S	0.40	5.60																
	10	FL 6S	0.50	5.50																

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	1D	FL 6S	0.60	5.40																
	11	FL 6S	1.00	5.00																
	12	FL 6S	1.50	4.50																
	73	FL 7.5S	0.50	7.00																
	1E	FL 7.5S	0.80	6.70																
	83	FL 8S	0.50	7.50																
	DA	FL 9S	0.90	8.10																
	84	FL 10S	0.20	9.80																
	85	FL 10S	0.30	9.70																
	13	FL 10S	0.50	9.50																
	DB	FL 10S	0.80	9.20																
	14	FL 10S	1.00	9.00																
	6A	FL 10S	1.50	8.50																
	82	FL 12S	1.20	10.80																
	86	FL 12S	2.50	9.50																
	15	FL 15S	1.00	14.00																
	EE	FL 30S	1.00	29.00																
	1	D6	FL (2) 5S	0.20	0.80	0.20	3.80													
		88	FL (2) 4S	0.50	1.00	0.50	2.00													
1	89	FL (2) 4.5S	0.30	1.00	0.30	2.90														

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	8B	FL (2) 4.5S	0.40	1.00	0.40	2.70														
	8C	FL (2) 4.5S	0.50	1.00	0.50	2.50														
1	8D	FL (2) 5S	0.40	0.60	0.40	3.60														
	2B	FL (2) 5S	0.50	1.00	0.50	3.00														
	21	FL (2) 5S	1.00	1.00	1.00	2.00														
1	94	FL (2) 5.5S	0.40	1.40	0.40	3.30														
1	95	FL (2) 6S	0.30	1.00	0.30	4.40														
1	9C	FL (2) 6S	0.40	1.00	0.40	4.20														
	33	FL (2) 6S	0.50	1.00	0.50	4.00														
	2D	FL (2) 6S	0.80	1.20	0.80	3.20														
	23	FL (2) 6S	1.00	1.00	1.00	3.00														
	35	FL (2) 7S	1.00	1.00	1.00	4.00														
1	9D	FL (2) 8S	0.40	1.00	0.40	6.20														
	24	FL (2) 8S	0.50	1.00	0.50	6.00														
	25	FL (2) 8S	1.00	1.00	1.00	5.00														
1	DC	FL (2) 10S	0.40	1.60	0.40	7.60														
	9E	FL (2) 10S	0.50	2.00	0.50	7.00														
	2E	FL (2) 10S	0.50	1.00	0.50	8.00														
	2F	FL (2) 10S	0.50	1.50	0.50	7.50														
	30	FL (2) 10S	0.80	1.20	0.80	7.20														

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	36	FL (2) 10S	1.00	1.00	1.00	7.00														
	31	FL (2) 10S	1.00	1.50	1.00	6.50														
	A3	FL (2) 12S	0.40	1.00	0.40	10.20														
	4A	FL (2) 12S	0.50	1.00	0.50	10.00														
	49	FL (2) 12S	1.50	2.00	1.50	7.00														
	26	FL (2) 15S	1.00	2.00	1.00	11.00														
	E9	FL (2) 20S	1.00	3.00	1.00	15.00														
1	2A	FL (2) 25S	1.00	1.00	1.00	22.00														
	EA	FL (3) 6.1S	0.40	1.00	0.40	1.00	0.40	2.90												
1	EB	FL (3) 8S	0.50	1.00	0.50	1.00	0.50	4.50												
	B4	FL (3) 9S	0.30	1.00	0.30	1.00	0.30	6.10												
	39	FL (3) 9S	0.80	1.20	0.80	1.20	0.80	4.20												
	3A	FL (3) 10S	0.50	1.50	0.50	1.50	0.50	5.50												
	27	FL (3) 10S	1.00	1.00	1.00	1.00	1.00	5.00												
	B5	FL (3) 12S	0.50	1.50	0.50	1.50	0.50	7.50												
	47	FL (3) 12S	0.50	2.00	0.50	2.00	0.50	6.50												
	3B	FL (3) 12S	0.80	1.20	0.80	1.20	0.80	7.20												
	1	3C	FL (3) 15S	0.30	1.70	0.30	1.70	0.30	10.70											
1	E1	FL (3) 15S	0.40	1.00	0.40	1.00	0.40	11.80												
	3D	FL (3) 15S	0.50	1.50	0.50	1.50	0.50	10.50												

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	D7	FL (3) 20S	0.50	1.50	0.50	1.50	0.50	15.50												
	3F	FL (3) 20S	0.50	3.00	0.50	3.00	0.50	12.50												
	F1	FL (3) 20S	0.80	1.20	0.80	1.20	0.80	15.20												
	E2	FL (3) 20S	1.00	1.00	1.00	1.00	1.00	15.00												
	42	FL (4) 10S	0.50	1.00	0.50	1.00	0.50	1.00	0.50	5.00										
	40	FL (4) 10S	0.80	1.20	0.80	1.20	0.80	1.20	0.80	3.20										
	E3	FL (4) 12S	0.30	1.70	0.30	1.70	0.30	1.70	0.30	5.70										
	F2	FL (4) 12S	0.50	1.50	0.50	1.50	0.50	1.50	0.50	5.50										
	41	FL (4) 12S	0.80	1.20	0.80	1.20	0.80	1.20	0.80	5.20										
	43	FL (4) 15S	0.50	1.50	0.50	1.50	0.50	1.50	0.50	8.50										
	29	FL (4) 15S	1.00	1.00	1.00	1.00	1.00	1.00	1.00	8.00										
	E4	FL (4) 16S	0.50	1.50	0.50	1.50	0.50	1.50	0.50	9.50										
	44	FL (4) 20S	0.50	1.50	0.50	1.50	0.50	1.50	0.50	13.50										
	E5	FL (4) 20S	1.50	1.50	1.50	1.50	1.50	1.50	1.50	9.50										
	F3	FL (4) 30S	0.50	0.50	0.50	0.50	0.50	0.50	0.50	26.50										
	48	FL (5) 20S	0.80	1.20	0.80	1.20	0.80	1.20	0.80	1.20	0.80	11.20								
	28	FL (5) 20S	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	11.00								
1	58	FL (6) 15S	0.50	1.00	0.50	1.00	0.50	1.00	0.50	1.00	0.50	1.00	0.50	7.00						
	4B	FL (2 + 1) 6S	0.30	0.40	0.30	1.20	0.30	3.50												
	4C	FL (2 + 1) 10S	0.50	0.70	0.50	2.10	0.50	5.70												

	SW	IALA	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
	1/2	ABBREVIATION																		
	4D	FL (2 + 1) 12S	0.80	1.20	0.80	2.40	0.80	6.00												
	4E	FL (2 + 1) 12S	1.00	1.00	1.00	4.00	1.00	4.00												
	4F	FL (2 + 1) 15S	1.00	2.00	1.00	5.00	1.00	5.00												
	51	ISO 2S	1.00	1.00																
	52	ISO 3S	1.50	1.50																
	53	ISO 4S	2.00	2.00																
	54	ISO 5S	2.50	2.50																
	55	ISO 6S	3.00	3.00																
	56	ISO 8S	4.00	4.00																
	57	ISO 10S	5.00	5.00																
	60	LFL 5S	2.00	3.00																
	61	LFL 6S	2.00	4.00																
	62	LFL 8S	2.00	6.00																
	63	LFL 8S	3.00	5.00																
	64	LFL 10S	2.00	8.00																
	65	LFL 10S	3.00	7.00																
	59	LFL 10S	4.00	6.00																
	5A	LFL 12S	2.00	10.00																
	5D	LFL 15S	4.00	11.00																
1	6C	MO(A) 6S	0.30	0.60	1.00	4.10														

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	E6	MO(A) 8S	0.40	0.60	2.00	5.00														
	6D	MO(A) 8S	0.80	1.20	2.40	3.60														
	6E	MO(A) 10S	0.50	0.50	1.50	7.50														
	6F	MO(A) 15S	0.50	1.50	2.00	11.00														
	70	MO(B) 15S	1.50	0.50	0.50	0.50	0.50	0.50	0.50	10.50										
	74	MO(U) 15S	0.80	0.10	0.80	0.10	1.70	11.50												
1	75	MO(U) 10S	0.30	0.70	0.30	0.70	0.90	7.10												
1	76	MO(U) 10S	0.40	0.60	0.40	0.60	1.20	6.80												
	77	MO(U) 10S	0.50	0.50	0.50	0.50	1.50	6.50												
1	78	MO(U) 15S ¹	0.45	0.45	0.45	0.45	1.35	11.85	¹ Compensated for incandescence time for lamps less than 0.25 amp.											
	79	MO(U) 15S ²	0.55	0.35	0.55	0.35	1.45	11.75	² Compensated for incandescence time for lamps from 0.46 amp to 0.77 amp.											
	7A	MO(U) 15S ³	0.60	0.30	0.60	0.30	1.50	11.70	³ Compensated for incandescence time for lamps from 0.92 amp to 2.03 amps.											
	7B	MO(U) 15S ⁴	0.75	0.15	0.75	0.15	1.65	11.55	⁴ Compensated for incandescence time for lamps more than 2.03 amps.											
	7C	MO(U) 15S	0.50	0.50	0.50	0.50	1.50	11.50												
	7D	MO(U) 15S	0.60	0.30	0.60	0.30	1.40	11.80												
	80	MO(U) 15S	0.70	0.50	0.70	0.50	1.90	10.70												
	7E	MO(U) 15S	0.70	0.70	0.70	0.70	2.10	10.10												
	81	MO(U) 15S	0.75	0.45	0.75	0.45	2.00	10.60												
		5F	MO(U) 15S	1.15	0.75	1.15	0.75	3.00	8.20											
	6B	MO(U) 15S	1.00	1.00	1.00	1.00	3.00	8.00												

SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	EC	OC 1.25S	0.75	0.50															
	38	OC 3S	2.00	1.00															
	87	OC 3S	2.50	0.50															
	F7	OC 4S	2.50	1.50															
	90	OC 4S	3.00	1.00															
	7F	OC 5S	3.00	2.00															
	C4	OC 3.5S	2.50	1.00															
	8E	OC 5S	4.00	1.00															
	8F	OC 5S	4.50	0.50															
	5B	OC 6S	4.00	2.00															
	91	OC 6S	4.50	1.50															
	92	OC 6S	5.00	1.00															
	F4	OC 7S	4.50	2.50															
	F5	OC 8S	5.00	3.00															
	F6	OC 9S	6.00	3.00															
	F8	OC 10S	6.00	4.00															
	8A	OC 10S	7.00	3.00															
	93	OC 10S	7.50	2.50															
	5C	OC 15S	10.00	5.00															
	98	Q 1S	0.20	0.80															

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	99	Q 1S	0.30	0.70																
1	97	Q 1S	0.40	0.60																
	96	Q 1S	0.50	0.50																
	37	Q 1S	0.80	0.20																
1	9B	Q 1.2S	0.30	0.90																
	5E	Q 1.2S	0.50	0.70																
	9A	Q 1.2S	0.60	0.60																
1	A1	Q(2) 5S	0.30	0.70	0.30	3.70														
	F0	Q(2) 5S	0.50	0.50	0.50	3.50														
1	A2	Q(2) 6S	0.30	0.70	0.30	4.70														
1	2C	Q(2) 6S	0.35	0.70	0.35	4.60														
	A0	Q(2) 10S	0.60	0.40	0.60	8.40														
1	E0	Q(2) 15S	0.20	0.80	0.20	13.80														
	C5	Q(3) 5S	0.50	0.50	0.50	0.50	0.50	2.50												
1	C9	Q(3) 6S	0.30	0.70	0.30	0.70	0.30	3.70												
1	A5	Q(3) 10S	0.30	0.70	0.30	0.70	0.30	7.70												
1	A4	Q(3) 10S	0.35	0.65	0.35	0.65	0.35	7.65												
	CD	Q(3) 10S	0.50	0.50	0.50	0.50	0.50	7.50												
	A6	Q(3) 10S	0.60	0.60	0.60	0.60	0.60	7.00												
1	E7	Q(4) 6S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	2.70										

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	A9	Q(4) 6S	0.40	0.60	0.40	0.60	0.40	0.60	0.40	2.60										
1	AA	Q(4) 10S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	6.70										
1	22	Q(4) 12S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	8.70										
1	AB	Q(4) 15S	0.35	0.70	0.35	0.70	0.35	0.70	0.35	11.50										
	AC	Q(4) 20S	0.50	0.50	0.50	0.50	0.50	0.50	0.50	16.50										
1	AD	Q(5) 7S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	2.70								
1	AF	Q(5) 10S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	5.70								
1	AE	Q(6) 10S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	4.70						
1	DF	Q(9) 15S	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	6.80
1	B1	Q(9) 15S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	6.70
1	B0	Q(9) 15S	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	6.65
	B2	Q(9) 15S	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	4.80
1	DE	Q(6) + LFL 15S	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	0.20	0.80	2.00	7.00				
1	B7	Q(6) + LFL 15S	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	0.30	0.70	2.00	7.00				
1	B6	Q(6) + LFL 15S	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	0.35	0.65	1.05	7.95				
	B8	Q(6) + LFL 15S	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	2.00	5.80				
1	C0	VQ 0.5S	0.15	0.35																
1	C1	VQ 0.5S	0.20	0.30																
1	C3	VQ 0.6S	0.20	0.40																
1	C2	VQ 0.6S	0.30	0.30																

	SW	IALA																		
	1/2	ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
1	CF	VQ(2) 4S	0.20	1.00	0.20	2.60														
1	D2	VQ(2) 8S	0.20	1.00	0.20	6.60														
1	C6	VQ(3) 5S	0.15	0.35	0.15	0.35	0.15	3.85												
1	C7	VQ(3) 5S	0.20	0.30	0.20	0.30	0.20	3.80												
1	D3	VQ(3) 5S	0.30	0.20	0.30	0.20	0.30	3.70												
1	C8	VQ(3) 5S	0.30	0.30	0.30	0.30	0.30	3.50												
1	E8	VQ(3) 15S	0.10	0.50	0.10	0.50	0.10	13.70												
1	CA	VQ(9) 10S	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	5.85
1	CB	VQ(9) 10S	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	5.80
1	CC	VQ(9) 10S	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	4.90
1	D0	VQ(6) + LFL 10S	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	0.20	0.30	2.00	5.00				
1	D1	VQ(6) + LFL 10S	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	2.00	4.40				
1	ED	VQ(6) + LFL 15S	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	2.00	9.40				
	D4	MO(N) 8S	5.00	1.00	1.00	1.00														
	D5	MO(D) 10S	5.00	1.00	1.00	1.00	1.00	1.00												

	SW 1/2	IALA ABBREVIATION	ON1	OFF1	ON2	OFF2	ON3	OFF3	ON4	OFF4	ON5	OFF5	ON6	OFF6	ON7	OFF7	ON8	OFF8	ON9	OFF9
		DD	FL 7S	2.00	5.00															
1		F9	FL (2) 5S	0.20	1.20	0.20	3.40													
1		FA	FL (4) 20S	0.30	3.00	0.30	3.00	0.30	3.00	0.30	9.80									
1		FB	FL (6) 12S	0.25	1.25	0.25	1.25	0.25	1.25	0.25	1.25	0.25	1.25	0.25	4.25					
		FC	FL (3) 6S	0.50	1.00	0.50	1.00	0.50	2.50											
1		FD	VQ (6) + LFL 10S	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	0.15	0.35	2.00	5.00			
		FE	OC (2) 8S	3.00	2.00	1.00	2.00													
		FF	OC (2) 8S	5.00	1.00	1.00	1.00													
		BB	FL 7S	1.00	6.00															
		BC	FL 8S	1.00	7.00															
		BD	FL 9S	1.00	8.00															
		A7	MO (U) 15.75	0.55	0.35	0.55	0.35	1.45	12.50											
		A8	MO (U) 15.75	0.70	0.50	0.70	0.50	1.90	11.45											
		B3	MO (U) 15.75	1.15	0.75	1.15	0.75	3.00	8.95											
3		B9	LFL 20S	2.00	18.00															
3		D9	MO (U) 30S	0.75	1.00	0.75	1.00	2.50	24.00											
3		BA	MO (U) 15S	0.65	0.25	0.65	0.25	1.50	11.70											
		BE	VQ 0.75S	0.50	0.25															
3		BF	MO (B) 30S	2.50	1.00	0.75	1.00	0.75	1.00	0.75	22.25									
3		EF	MO (A) 30S	0.75	1.00	2.50	25.75													

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