

LIST OF MASTERS, MATES AND ENGINEERS,—Continued.

DATE 1934.	NO. OF CERTIFI- CATE.	NAME.	GRADE.
1935. Sept. 12	4870 Hongkong }	Baggott, Alfred	1st Class Motor Endorsement.
13	4953	Keith, Andrew Ian	1st Mate S.S.
Oct. 21	4954	Gray, James Robert	1st Mate S.S.
22	4955	Hamilton, Owen FitzWilliam	Master S.S.
Nov. 2	4956	Kinnear, Duncan George Robertson	1st Mate S.S.
4	4957	Williamson, Henry Carmichael ...	1st Class Engineer.
5	4958	Berncastle, Frank Measham	Master S.S.
Dec. 4	4959	Milwright, Frederick Robert	Master S.S.
4	4960	Fox, Robert Sydney	1st Mate S.S.
5	4961	Koughan, William Harling	1st Mate S.S.
17	4962	Reeve, William Edward	1st Mate S.S.
18	4963	Kent, James Arthur	1st Class Engineer.

G. F. HOLE,
Harbour Master, etc.

7th January, 1936.

ROYAL OBSERVATORY, HONG KONG.

No. 46.

Errors of Time-signals, December, 1935.

DATE.	ERROR.	DATE.	ERROR.
	second.		second.
1	- 0.17	17	+ 0.06
2	- 0.09	18	+ 0.02
3	- 0.12	19	+ 0.02
4	- 0.05	20	+ 0.02
5	- 0.02	21	- 0.01
6	+ 0.02	22	0.00
7	+ 0.06	23	+ 0.01
8	+ 0.04	24	- 0.02
9	+ 0.05	25	+ 0.09
10	+ 0.06	26	+ 0.07
11	+ 0.07	27	+ 0.08
12	+ 0.05	28	+ 0.01
13	+ 0.05	29	- 0.04
14	+ 0.06	30	- 0.07
15	+ 0.06	31	+ 0.04
16	+ 0.06		

+ = Late.

- = Early.

C. W. JEFFRIES,
Director.

6th January, 1936.