

SIR WILLIAM ARROL

GIANT CRANES

SHEET 1.

A

YEAR	CUSTOMER	MAX ^M LOAD TONS	HEIGHT OF LIFT FT.		WORKING RADIUS FEET.			SLEW ROLLER PATH.		REMARKS
			ABOVE QUAY	BELOW QUAY	MIN ^M	MAXIMUM LOAD	FEET.	DIA. FT.	NO. AND DIA. OF ROLLERS	
1904	Mc COLL & POLLOCK SUNDERLAND	60	/	/	17'-6"	60T	50'-0"	/	/	
1905	VICKERS SONS & MAXIM BARROW	150	/	/	26'-0"	150T 60T	80'-0" 120'-0"	/	/	
1906	JOHN BROWN & Co CLYDEBANK	150	143'-0"	-	32'-0"	150T 120T 100T 80T	85'-0" 100'-0" 114'-0" 133'-0"	35	75 14"	UPDATED TO 200T IN 1937
1906	EARLE'S SHIPBUILDING & ENG. Co. HULL	100	100'-0"	30'-0"	25'-0"	100T 50T 10T	70'-0" 100'-0" 150'-0"	30	45 15"	
1906	GEO. CLARK SUNDERLAND	100	100'-0"	30'-0"	25'-0"	100T 50T 10T	70'-0" 100'-0" 150'-0"	30	45 15"	
1907	NAGASAKI JAPAN.	150	140'-0"	30'-0"	26'-0"	150T 50T	80'-0" 142'-0"	33	72 15"	
1907	NORTH EASTERN MARINE	150	143'-0"	-	26'-0"	150T 120T 100T 80T	85'-0" 100'-0" 114'-0" 133'-0"	35	75 14"	
1908	WALSSEND SLIPWAY.	150.	143'-0"	30'-0"	32'-0"	150T 120T 100T 80T	85'-0" 100'-0" 114'-0" 133'-0"	35	75 14"	45T @ 137'-0" Aux! Hoist.

YEAR	CUSTOMER	MAX ^m LOAD TONS	HEIGHT OF LIFT FT.		WORKING RADIUS FEET.		SLEW ROLLER PATH.		REMARKS	
			ABOVE QUAY	BELOW QUAY	MIN ^m	MAXIMUM	DIA. FT.	NO. AND DIA. OF CABLES		
					LOAD	FEET.				
1910	FAIRFIELDS GOVAN	200	145'-0"	45'-0"	/	200 180 160 140 120 100 80 40	75'-0" 82'-0" 91'-0" 102'-0" 113'-0" 133'-0" 152'-0" 161'-0" Aux. Mast.	40	80 14"	UPDATED TO 250T IN 1941
1912	PORTSMOUTH DOCKYARD.	250	156'-0"	/		250 200 100 120 85 40	105'-0" DOUBLE REEVE 121'-9" 156'-6" 130'-0" SINGLE R. 156'-6" 160'-0" Aux. Mast.	51.75	96 14"	
1913	SASEBO DOCKYARD JAPAN	250	156'-0"	50'-0"	48'-0"	250T 200T 100T 120T 85T 40T	100'-0" DOUBLE REEVE 121'-9" 156'-6" 130'-0" SINGLE 156'-6" 160'-0" Aux. Mast.	51.75	96 14"	
1914	NORTH BRITISH DIESEL WHITEINCH	150	149'-0"	30'-0"	26'-0"	150T 120T 100T 80T	85'-0" 100'-0" 114'-0" 127'-0"	35	75 14"	
1915	JAMES WATT DOCK GREENOCK	150	150'-0"	30'-0"	26'-0"	150T 120T 100T 80T 30T	85'-0" 100'-0" 114'-0" 127'-0" 132'-0"	35	75 14"	
1915	ROSYTH DOCKYARD.	250	156'-0"	50'-0"	48'-0"	250T * 125T * 85T	100'-0" 125'-0" 156'-6"	51.75	96 14"	* SINGLE BLOCK
1915	ROYAL ARSENAL WOOLWICH.	200	79'-0"	40'-0"	37'-6"	200T	90'-0"	40	80 14"	
1919	ROSYTH DOCKYARD	100	158'-6"	50'-0"	34'-0"	100T 60T	110'-0" 156'-0"	42	80 14"	

YEAR	CUSTOMER	MAX ^m LOAD TONS	HEIGHT OF LIFT FT.		WORKING RADIUS FEET.			SLEW ROLLER PATH.		REMARKS
			ABOVE QUAY	BELOW QUAY	MIN ^m	MAXIMUM LOAD T	FEET.	DIA. FT.	NO. AND DIA. OF ROLLS	
1919	NORTH BRITISH DIESEL WHITEINCH	150	149'-0"	30'-0"	26'-0"	150 120 100 80	85'-0" 100'-0" 114'-0" 127'-0"	35	75 14"	
1930	VICKERS ARMSTRONG HIGH WALKER	250	160'-0"	48'-0"	40'-0"	250 200 150 100	105'-0" 130'-0" 150'-0" 184'-0"	46.5	80 16"	INCLUDES A 20T PORTAL JIB CRANE WHICH GIVES 20T @ 208'-0" RAD. 5T @ 223'-0" RAD.
1937	VICKERS ARMSTRONG BARROW	250	160'-0"	48'-0"	40'-0"	250 200 150 100	105'-0" 130'-0" 150'-0" 184'-0"	46.5	80 16"	- DITTO -
1938	H.M. NAVAL BASE SINGAPORE	250	148'-0"	15'-0"	48'-0"	250 200 150 125 100 75 50 20 10	115'-0" DOUBLE REEVE 130'-0" 130'-0" 162'-0" 140'-0" SINGLE 162'-0" 170'-0" AUXY. H. 170'-0" WHIP H.	51.75	96 16"	
1942	VICKERS ARMSTRONG BARROW	150	152'-0"	30'-0"	31'-0"	150 120 100 80 60 40 20 5	85'-0" 100'-0" 114'-0" 127'-0" 141'-0" 146'-0" AUXY 150'-0" WHIP H.	35	75 14"	
1942	H.M. NAVAL BASE SYDNEY	250	149'-9"	13'-3"	48'-0"	250 200 150 120 100 75 50 40 10	115'-0" DOUBLE REEVE 130'-0" 130'-0" 162'-0" 140'-0" SINGLE 162'-0" 170'-0" AUXY. 170'-0" WHIP H.	51.75	96 16"	
1947	TAIKOO DOCK YARD HONG KONG	150	149'-0"	30'-0"	31'-0"	150 120 100 80 60 40 20 5	85'-0" 100'-0" 114'-0" 127'-0" 141'-0" 146'-0" AUXY 150'-0" WHIP H.	35	75 14"	
1958	BELFAST HARBOUR COMMISSIONERS.	200	120'-0"	30'-0"	35'-0"	200 100 25	95'-0" 125'-0" 130'-0"	40	80 14"	