

# Appendices

## Class Details in Brief

**K CLASS.** NZR service 1932-1967.

Built at NZR Hutt.

Running numbers 900-929. (30 locomotives).

Weight 135.6 tons. Length 69' 8". Cylinders (2) 20" x 26". Driving wheels 54". Boiler pressure 200 psi. Tractive effort 30,815 lbs.

**KA CLASS.** NZR service 1939-1967.

Built at NZR Hutt (25) & NZR Hillside (10, all assembled at Hutt).

Running numbers 930-964. (35 locomotives).

Weight 145.9 tons. Length 69' 8". Cylinders (2) 20" x 26". Driving wheels 54". Boiler pressure 200 psi. Tractive effort 30,815 lbs.

**KB CLASS.** NZR service 1939-1969.

Built at NZR Hillside.

Running numbers 965-970. (6 locomotives).

Weight 147.7 tons. Length 69' 8". Cylinders 20" x 26" (2 main), 7" x 10" (2 booster). Driving wheels 54" (main), 36 1/2" (booster). Boiler pressure 200 psi. Tractive effort 30,815 lbs (without booster), 36,815 lbs (with booster).

Facing page. Cover of an NZR leaflet showing a K in action. A C Bellamy collection.

## Further Reading

Croker, Richard 'K 900' Parts 1-4 *The Driving Wheel* December 2014 onwards.

Lloyd, W G *Register Of New Zealand Railways Steam Locomotives 1863-1971* (second edition) Otago Railway and Locomotive Society and Triple M Publications 2002.

McClare, E J *The NZR Garratt Story* NZRLS 1978.

McClare, E J *Steam Locomotives of New Zealand Part Two: 1900 to 1930* NZRLS 1988.

McClare, E J *Steam Locomotives of New Zealand Part Three: 1930 to 1971* NZRLS 1991.

McClare, E J 'The Strange Saga of the Hillside Built Ka's' NZRF September 1998 pp 56-59.

McClare, E J 'The Baker Valve Gear Ka Twins, 958 and 959' NZRF March 2003 pp 38-48.

McNaught, Reid 'K Class Memories – A Contemporary Analysis' NZRF June 2013 pp 30-33.

Millar, Sean *The New Zealand Steam Locomotive* NZRLS 2011.

Palmer, A N and Stewart, W W *Cavalcade Of New Zealand Locomotives A H & A W Reed* 1965.

Prebble, W W (Bill) 'New Zealand Railways Streamlined Steam Power' NZRF June 2006 pp 59-72.

Pryce, W W G 'The K Class 4-8-4 Locomotives' NZRO Summer 1963-64 pp 122-135.

Stewart, W W *When Steam Was King* A H & A W Reed 1970.

Stone, Harold (ed) *The Museum Makers Society of the Museum of Transport and Technology Inc* 1995).

various 'Memories of NZR's Notable K Class Northerns' NZRF March 2013 pp 44-63.

Wrigley, Philip; Croker, Richard & Millar, Sean, *MOTAT Locomotives, The Locomotive Collection of Auckland's Museum of Transport and Technology* Sean Millar Publishing, 2014.

K's 902, 901, 906 and 919 lined up at Auckland's locomotive depot in the late 1930s. K 919 was the only member of its class fitted with ACFI feed water equipment, seen mounted on the boiler W W Stewart photo, A C Bellamy collection.

