

RETURNS.

RETURN No. 1.

LIST OF CARS, BRAKE-VANS, AND WAGONS, YEARS ENDING 31ST MARCH, 1911, TO 31ST MARCH, 1916, INCLUSIVE.

(Prepared in Chief Mechanical Engineer's Office.)

Year ending 31st March,	North Island Main Line and Branches.			South Island Main Line and Branches.		
	Cars.	Brake-vans.	Wagons.	Cars.	Brake-vans.	Wagons.
1911	567	177	7,337	502	149	7,978
1912	602	183	7,579	508	149	8,092
1913	656	185	8,051	524	150	8,507
1914	716	200	8,278	539	154	8,911
1915	729	202	8,901	558	154	9,194
1916	756	222	9,456	582	164	9,338

RETURN No. 2.

BROKEN AXLES UNDER CARS AND WAGONS FOR YEARS 1907 TO 1916, INCLUSIVE.

(Prepared in Chief Mechanical Engineer's Office.)

Date.	Station.	Vehicle.		Description of Axle, and Date.	Brand of Axle.	Remarks.
		Class.	No.			
22/5/07	Dromore, S.I.M.L. & B. ..	M	950	Iron, 1873	S.W. & A. Co. (Ltd.)	Derailed. Close to boss.
12/9/07	Porotara, Auckland ..	L	4170	Iron, 1897	Best faggoted ..	..
23/12/07	Ohaupo, Auckland ..	L	5061	Iron ..	..	Derailed. Old flaw.
28/5/08	Mill Road, S.I.M.L. & B. ..	L	73	Iron ..	T.M. & Co. ..	Just inside boss of wheel.
7/10/08	Clarksville, S.I.M.L. & B. ..	L	956	Iron, 1884	Addington ..	Not derailed. Old flaw.
26/9/08	Benhar, S.I.M.L. & B. ..	L	1616	Iron, 1882	S.W. & A. Co. (Ltd.)	Derailed. Inside boss of wheel.
17/5/09	Te Pahi, Auckland ..	Mb	1185	Iron, 1893	Addington ..	Derailed (work train). Inside boss of wheel.
23/9/09	Dunedin, S.I.M.L. & B. ..	M	747	Iron, 1894	Addington ..	Derailed. Inside boss of wheel.
22/12/09	Frankton, Auckland ..	J	547	Steel, 1896	Peach and Tozer ..	Not derailed. Old flaw. 1½ in from journal.
24/3/10	Westport	Q	211	Iron, 1894	..	Not derailed. Alongside boss.
16/2/11	Bushey, S.I.M.L. & B. ..	L	2351	Iron, 1885	Addington ..	Derailed. Old flaw.
28/3/11	Cricklewood, S.I.M.L. & B. ..	M	68	Iron, 1894	Addington ..	Not derailed. Fracture at centre.
8/7/11	Waitati, S.I.M.L. & B. ..	L	4091	Iron, 1873	S.W. & A. Co. (Ltd.)	Derailed. Old flaw.
17/7/11	Herbert, S.I.M.L. & B. ..	M	747	Iron, 1892	Addington Scrap ..	Derailed (work-train). Inside boss of wheel.
9/8/11	Crichton, S.I.M.L. & B. ..	L	1912	Iron ..	Patent Shaft and Axletree Co.	Derailed. Old flaw.
9/5/11	Helensville, N.I.M.L. & B. ..	Mb	1172	Steel, 1893	Addington Steel ..	Derailed (work - train). Broken in boss.
19/8/11	Waipara, S.I.M.L. & B. ..	M	591	Iron, 1893	Addington ..	Derailed (work - train). Old flaw.
10/10/11	Green Island, S.I.M.L. & B. ..	Mb	1316	Iron, 1885	Addington Scrap ..	Derailed in ballast siding. Old flaw.
24/4/12	W.N.N.P.	L	5870	Steel ..	P. 2661	..
24/5/12	Wairuna, S.I.M.L. & B. ..	L	766	Iron ..	Armstrong, Rotherham	Derailed. Bad quality of iron.
21/9/12	Waitotara, W.N.N.P. ..	L	5928	Steel, 1902	Vickers	Derailed. In boss of wheel.
25/2/13	Lovell's Flat, S.I.M.L. & B. ..	Mb	1213	Iron ..	P.T.M. & Co. ...	Derailed (work-train). Old flaw.
25/2/13	Crichton, S.I.M.L. & B. ..	Mb	1286	Iron, 1885	Addington ..	Derailed (work-train). Old flaw.
Year ending 31/3/1914, nil.						
2/7/14	Masterton, W.N.N.P. ..	L	3229	Steel, 1902	Steel Co., Scotland	Broken $\frac{3}{16}$ in. inside boss of wheel, old flaw. Not derailed.
4/1/15	Petone, W.N.N.P. ..	L	8466	Iron ..	Worily, W.M. Rly.	Old fracture. Broken $\frac{1}{16}$ in. inside boss. Derailed.
24/4/15	Kurow, S.I.M.L. & B. ..	LA	6736	Steel, 1901	Patent Shaft and Axletree Co.	Old flaw, $\frac{3}{16}$ in. inside boss. Derailed.
31/7/15	Goodwood, S.I.M.L. & B. ..	LA	6363	Steel, 1901	Patent Shaft and Axletree Co.	Old flaw at boss. Derailed.
31/3/16	Parnell, Auckland ..	L	8413	Steel, 1900	Cambria (American)	Old flaw. Imported with American cars. Broken inside boss. Derailed.