

NEW ZEALAND GOVERNMENT RAILWAYS	<b>SHOPPING OF STEAM LOCOMOTIVES FOR REPAIRS</b>	<b>CODE No. 40</b>
<b>MECHANICAL BRANCH</b>		Page No. 1 of 2 Issue No 4      Date Issued 21/3/61

**(1) SHOPPING OF LOCOMOTIVES FOR "A" OR "B" CLASS REPAIRS AT HUTT OR HILLSIDE**

(a) A schedule of locomotives in need of "A" or "B" class repairs, compiled under the following headings, will be forwarded at the end of each week to the Chief Mechanical Engineer by each District Mechanical Engineer.

<b>LOCOMOTIVES REQUIRING REPAIRS</b>					
	District	Loco. Class And No.	Date Engine Stopped Or Stopping	Class of Repairs Required	

b) Locomotives requiring "A" or "B" class repairs are to be shopped only on the authority of the Chief Mechanical Engineer who will approve the shopping of selected locomotives on specified dates at the respective workshops, and define the extent of the repairs in each case.

**(2) SHOPPING LOCOMOTIVES FOR LIGHT ENGINE OR BOILER REPAIRS**

Locomotives requiring light engine or boiler repairs may be shopped by the District Mechanical Engineer, who will advise the Chief Mechanical Engineer of such shoppings by memorandum. If a locomotive, the mileage of which is high, is shopped for light engine repairs or heavy boiler repairs, the question of effecting "A" or "B" class repairs should be represented, by the Workshops concerned, to the Chief Mechanical Engineer for decision.

**(3) LOCOMOTIVE RECORDS**

(a) Engine files and boiler files for all North Island locomotives are to be held and maintained at Hutt and for South Island locomotives by Hillside.

(b) Engine files, boiler files, and Loco./56 (boiler), Loco./56A (tube), Loco./56B, and Loco./118 (W.H.B.) cards are to be held and maintained by each Locomotive Supervisor for the locomotives under his control. On any occasion that a locomotive is forwarded to a Workshop for repairs the boiler file, Loco./56 and Loco./56A cards for the boiler concerned must be forwarded also. The Loco./56B card must be endorsed accordingly.

(c) Engine files and boiler files for all locomotives under his control are to be held and maintained by each District Mechanical Engineer.

(d) A set of records, complete with the exception of Loco./56B and Loco./118 cards, will be maintained by the Chief Mechanical Engineer.

**(4) LOCOMOTIVE REPAIRS REQUIRED: Loco./133**

When a locomotive is directed to a Workshop for any repairs, seven copies of the Loco./133 report enumerating repairs required are to be prepared by the Locomotive Supervisor concerned, and six copies forwarded to the District Mechanical Engineer, who will, after approval of same, distribute five copies as follows:

Original copy to Chief Mechanical Engineer.

Four copies to the Workshop concerned.

**(5) LOCOMOTIVE REPAIRS, POSITION OF: Loco./113**

At the close of each week Workshops receiving locomotives for repairs must compile a Loco./113 report showing the position of locomotives under repair and distribute copies as follows:

Original and two copies to Chief Mechanical Engineer.

One copy to District Mechanical Engineer concerned.

**(6) LOCOMOTIVE REPAIRS COMPLETED: Loco./135a**

(a) Upon completion of repairs to a locomotive at Hutt or Hillside the Workshops concerned must prepare Loco./135A reports enumerating the repairs effected, retaining a copy for their locomotive records and distributing copies as follows:

Original copy to Chief Mechanical Engineer.

One copy to District Mechanical Engineer.

One copy to Locomotive Supervisor concerned.

(b) For locomotives overhauled at Depots or at Workshops other than Hutt or Hillside, distribution of Loco./135A returns is to be as follows:

Original to Chief Mechanical Engineer.

One copy to District Mechanical Engineer.

One copy to Hutt or Hillside.

One copy to Locomotive Supervisor concerned.

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**(7) BOILER REPAIRS REQUIRED: Loco./57 and Loco./59**

(a) The Boiler Inspector, after inspecting a boiler, will render a Loco./57 report to the Chief Mechanical Engineer without delay. When a Boilershop Foreman and inspector makes an inspection in Workshops, three copies of the Loco./57 report are to be typed and distributed as follows:

- Original and one copy to Chief Mechanical Engineer.
- One copy to be retained for Workshops Boiler file.

(b) The Chief Mechanical Engineer will issue Loco./59 reports stating defects and detailing repairs authorised, copies being distributed as follows:

- (i) Locomotives not in Workshops-
  - One copy to District Mechanical Engineer.
  - One copy to Locomotive Supervisor (except Greymouth).
  - Two copies to Locomotive Supervisor, Greymouth.
  - Two copies to Works Manager.
- (ii) Locomotives in Workshops-
  - One copy to District Mechanical Engineer.
  - Three copies to Works Manager.

**(8) BOILER REPAIRS, POSITION OF**

The position of boiler repairs will be shown each week on the Loco./113 report.

**(9) BOILER REPAIRS COMPLETED: Loco./57a**

All boiler repairs, whether effected in a Workshop or a Locomotive Depot, must be recorded on Loco./57A reports copies of which must be distributed as follows:

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|--|---|--|
| (a) When repairs are effected at Hutt or Hillside Workshops            | { | Original and one copy to Chief Mechanical Engineer.<br>One copy to District Mechanical Engineer.<br>One copy to be placed on Depot Boiler File.  |
| (b) When repairs are effected at Workshops other than Hutt or Hillside | { | Original and one copy to Chief Mechanical Engineer<br>One copy to District Mechanical Engineer.<br>One copy to be placed on Depot Boiler File.<br>One copy to Works Manager, Hutt or Hillside. |
| (c) When repairs are effected at Locomotive Depot                      | { | Original and one copy to Chief Mechanical Engineer.<br>One copy to District Mechanical Engineer.<br>One copy to Works Manager, Hutt or Hillside.   |

**(10) EXAMINATION OF FLANNERY STAYS**

Flannery stays are to have the caps removed for inspection purposes at each Class A repair.

NOTES ON CODE 40

- (1) Boiler and Engine files shall be maintained by the Chief Mechanical Engineer and the locomotive's owners similar to the requirements of Clause 3.
- (2) Clause 10 shall apply during an overhaul.