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RDSO/LKO

Modification Sheet No. WAM4/IA

Title of modification

Shifting of ammeter shunts.

Purpose of modification

The ammeter shunts were provided earlier on the positive side of Traction motors. To reduce the voltage level at ammeter terminals (with respect to earth), it was decided to shift the shunts on the negative side of traction motors.

Modification Dwg No.

RDSO-SK-EL 2171 (5 sheets).

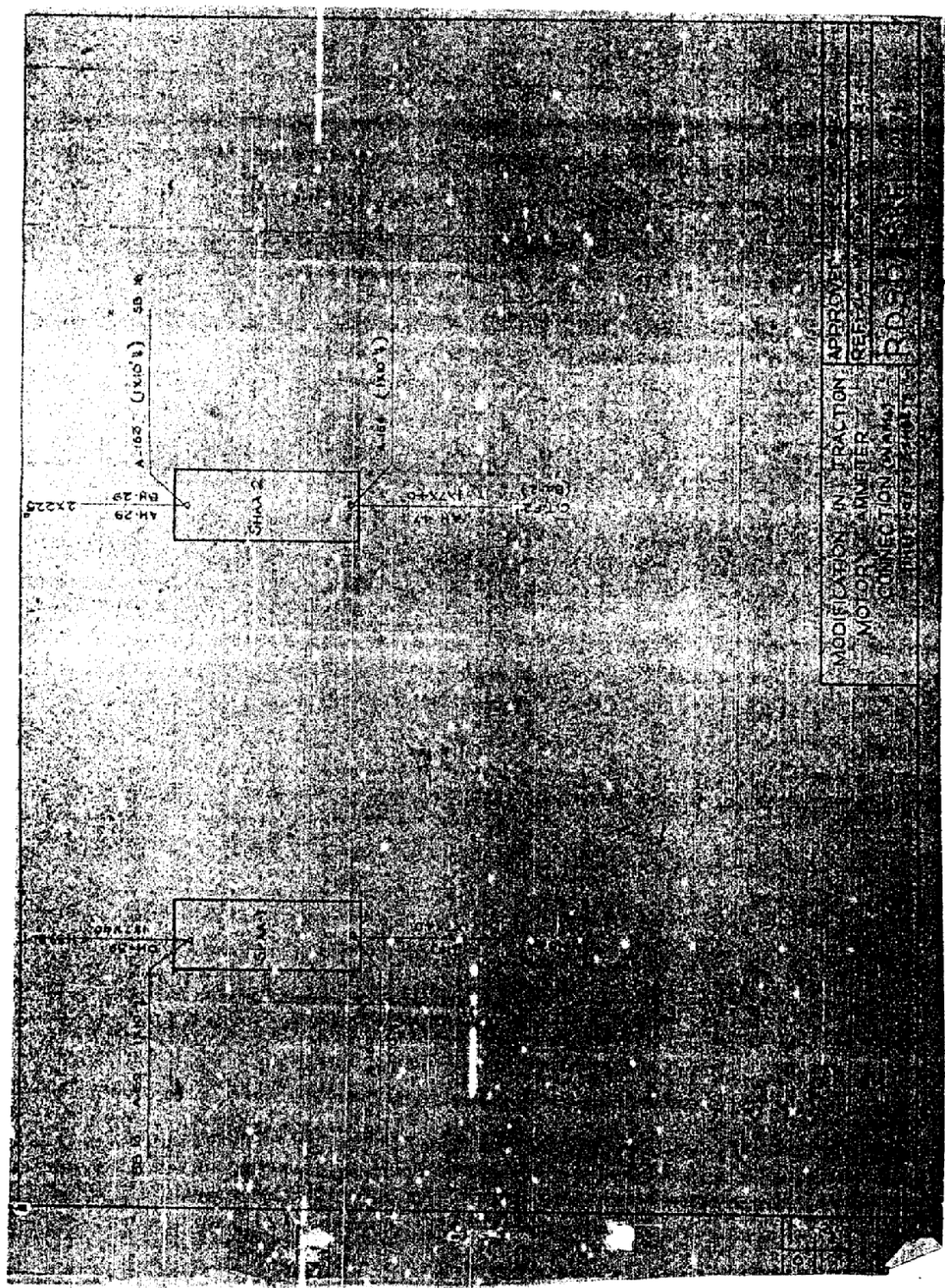
Work to be carried out

Ammeter shunts (SHAA1, SHAA2) along with the necessary wiring is to be shifted from existing Ba3 panel to Ba1 (shunt SHAA1) and Ba2 (shunt SHAA2) panels and connected on the negative side of traction motor as per enclosed circuit.

Execution of work and material schedule

The modification has been implemented by CLW from 19th locomotive onwards on production line. For the remaining locos the modification will be carried out by CLW/Sheds.

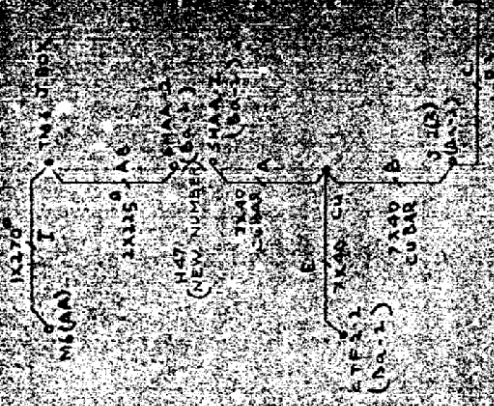
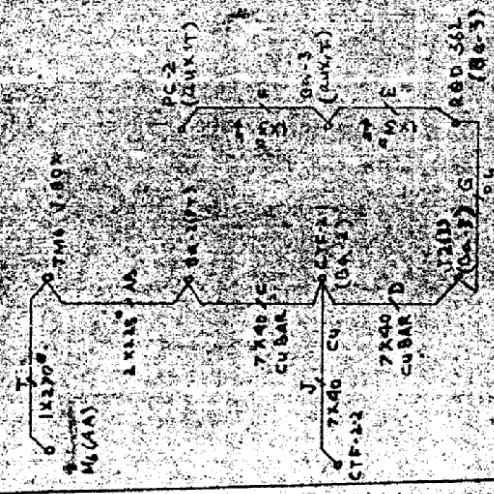
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MODIFICATION IN TRACTION APPROVED
MOTOR AMMETER REF 22
CONNECTION CHANGING REF 22

H-29 EXISTING

H-29 MODIFIED (REVISED)



1. CABLES H-29 & H-29 ARE TO BE DISCONNECTED FROM B-3 DT AND THESE CABLES CONNECTED TO SHAA-2 (B-2)
2. CL BAR H-29 IS TO BE REDESIGNED AND CONNECTED TO SHAA-2 INSTEAD OF B-3

MODIFICATION IN TRACTION

MOTOR - AMMETER

CONNECTION (SHAA-2)

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

ARE EXISTING

ARE EXISTING

CU (B)

AX 10-21 (B)

REMARKS

30 (B)

30 (B)

30 (B)

30 (B)

30 (B)

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ARE TO BE DISCONNECTED

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MODIFICATION IN T

MOTOR METER CONNECTION

WAM