



Ref. No: VCU/CLW/194202

Date: 17.10.2019

To

CEE-D&D

Chhoda
18.10.19

Centre for Design & Development,

Chittaranjan Locomotive Works,

PO: Chittaranjan, West Bengal -PIN 713331

Fax No: 0341-2526153

Email: cdndclw@gmail.com

KA: Mr.Bharati

Dy.CEE -D&D, CLW

Sub:	Requesting your permission to load the VCU software version 0111 in our propulsion system supplied locomotive	
Ref:	1	Rolling Stock Software Applicable update for WAP7 with CDAC VCU version 0110 date: 22.07.2019
	2	Rolling Stock Software Applicable update for WAP7 with CDAC VCU version 0111 date: 31.07.2019
	3	Join note between ELS TKD and ABB date: 07.09.2019
	4	Joint note signed on 15.10.19 between ELS/BRCY and ABB

Dear Sir,

According to above subject, we like to mention that CDAC VCU Software version 0111.2 has been tested in TKD for push pull operation. Based on trial taken in ELS/TKD, we have loaded software version 0111.2 in 2 locomotives each in ELS/GZB (39037, 39036) and ELS/RPM (30717, 30714). Those standalone locomotives were running in line since 21.09.19. The mentioned locos were not reported any problem since that period.

Hence, requesting your permission to load the CDAC VCU software version 0111 in another 10 no's of locomotives of WAP7 in different shed.

Thanking you.

Yours Sincerely,

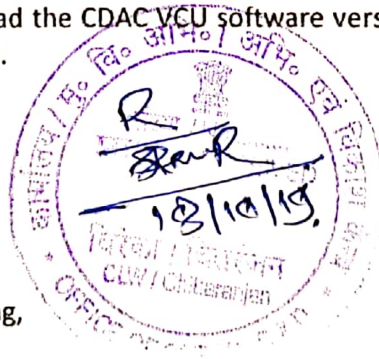
Sh

Babu Shanmugam

Manager – Product Support & Engineering,

ABB India Ltd,

Bangalore.



Encl. : 1. CDAC VCU WAP7 Software update Release Notes version 0110

2. CDAC VCU WAP7 Software update Release Notes version 0111

Page 1 of 1

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Rolling Stock Software Applicable update for WAP7 with CDAC VCU

Version : 0111

Date: 31/07/2019

LOCO Type : WAP7

Status: Test Version/~~Release Version~~

Version	Changes	Remarks
0111 Date: 31/07/2019	1. Binary output master to slave (segment 1415) 2. New panto control logic (segment 5615) 3. Fault sum (segment 607A) 4. MSC node 7612,7012 segments	Previous Version: New version for Push pull operation

Note:

1. Developed as a part of 4.1 Multi loco operation for WAP 7 with push pull operation submitted to CLW: Dated: 18/03/2018
2. This version will be modified/release based on the feed back

Rolling Stock Software Applicable update for WAP7 with CDAC VCU

Version : 0110

Date: 22/07/2018

LOCO Type : WAP7

Status: Test Version/~~Release Version~~

Version	Changes	Remarks
0110 Date: 22/07/2018	<ol style="list-style-type: none"> 1. Main compressor unloader 2. Master bogie definition bogie2 mismatch 3. Motor isolation Message in DDU 4. Emergency mode implemented in VCB control 5. Vigilance Emergency brake input 	Previous Version: 1010

Note:

1. Developed as a part of Proposal Extended Technology support and developments in VCU submitted to CLW: Dated: 18/03/2018
2. Developed Segment: 1.1 ISaGRAF application software modification for Full compatibility with latest modules for the normal LOCO wiring scheme (Version 1.0)
3. This version will be modified/release based on the feed back