

S.O.P for different 14 alerts other than emergency alert under AIS 140.

1: Device off alert:

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the “**devices off alert**” from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status of device is turned “ON”, if its ON, the said case to be closed then and there by CCC. If the device off alert is still active then proceed to next step: C

C: If owner fails to get the issue resolved in the given time frame a call from control centre to be made to get it rectified in another 1 working day, if owner fails to get it resolved in 1 day or 24hrs from call, then CCC to send registration number to respective RA in whose office the vehicle is registered, then respective RA “shall block the registration number in vahan 4.0”. A module for the same to be developed in vahan 4.0 for transferring the request from CCC to RA automatically after 48 hrs for blocking the registration number and registration number of the vehicle will be unblocked only when device status is “ON” and compounding under section-177, section 190(2) and rule 90(5) is done for violation of rule -125 H of CMVR,1989.

D: If owner still not get it rectified in above mentioned 2 days duration , then the registration number will be send to Secretary RTA/STA and permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month , and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

2: Alert-Disconnect from main battery:

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the “**disconnect from main battery alert**” from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status of device is turned “ON”, if its ON, the said case to be closed then and there by CCC. If the device **disconnect from main battery alert** is still active then proceed to next step:

C: If owner fails to get the issue resolved in the given time frame a call from control centre to be made to get it rectified in another 1 working day, if owner fails to get it resolved in 1 day or 24hrs from call, then CCC to send registration number to respective RA in whose office the vehicle is registered, then respective RA “shall block the registration number in vahan 4.0”. A module for the same to be developed in vahan 4.0 for transferring the request from CCC to RA automatically after 48 hrs for blocking the registration number and registration number of the vehicle will be unblocked

only when device status is "ON" and compounding under section-177, section 190(2) and rule 90(5) is done for violation of rule -125 H of CMVR,1989.

D: If owner still not get it rectified in above mentioned 2 days duration , then the registration number will be send to Secretary RTA/STA and permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month , and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of "permit conditions by respective RTA/STA", for both existing and new permits, as the matter is related to "safety and security ".

3: Alert Low battery

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the "**Low battery alert**" from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status of "low battery alert" is turned OFF, if its OFF, the said case to be closed then and there by CCC. If the device **Low battery alert** is still active then proceed to next step:

C: If owner fails to get the issue resolved in the given time frame a call from control centre to be made to get it rectified in another 1 working day, if owner fails to get it resolved in 1 day or 24hrs from call, then CCC to send registration number to respective RA in whose office the vehicle is registered, then respective RA "shall block the registration number in vahan 4.0". A module for the same to be developed in vahan 4.0 for transferring the request from CCC to RA automatically after 48 hrs for blocking the registration number and registration number of the vehicle will be unblocked only when device status is "ON" and compounding under section-177, section 190(2) and rule 90(5) is done for violation of rule -125 H of CMVR,1989.

D: If owner still not get it rectified in above mentioned 2 days duration , then the registration number will be send to Secretary RTA/STA and permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month , and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of "permit conditions by respective RTA/STA", for both existing and new permits, as the matter is related to "safety and security ".

4: Alert low battery removed

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the "**Low battery removed alert**" from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status of "low battery removed

alert” is turned OFF, if its OFF, the said case to be closed then and there by CCC. If the device **Low battery removed alert** is still active then proceed to next step.

C: If owner fails to get the issue resolved in the given time frame a call from control centre to be made to get it rectified in another 1 working day, if owner fails to get it resolved in 1 day or 24hrs from call, then CCC to send registration number to respective RA in whose office the vehicle is registered, then respective RA shall block the registration number in vahan 4.0”. A module for the same to be developed in vahan 4.0 for transferring the request from CCC to RA automatically after 48 hrs for blocking the registration number and registration number of the vehicle will be unblocked only when device **Low battery removed alert** status is OFF” and compounding under section-177, section 190(2) and rule 90(5) is done for violation of rule -125 H of CMVR,1989.

D: If owner still not get it rectified in above mentioned 2 days duration , then the registration number will be send to Secretary RTA/STA and permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month , and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

5: Alert- Connect back to main battery

A: As soon as the alert reported in control centre for “connect back to main battery”, a message to be sent automatically on registered mobile number and dashboard that device is being connected back to main battery, the said case to be closed then and there by CCC.

6: Alert: Ignition ON

A: As soon as the ignition is on, alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to be informed that vehicles ignition is on. No further action required from CCC.

7: Alert: Ignition Off

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the information that ignition is off.

B: Control centre to check for the “ignition off “from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status is “OFF” for some time at destination, if its ON, the said case to be closed then and there by CCC. If it is still “OFF” then proceed to next step: C (further protocol will be developed as per Time table, geo fencing etc)

C: Close the transaction

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

8 a: Alert –Emergency ON

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number alert be sent to NERS 112, for owner to get the problem rectified immediately or 30 minutes from the call, as may be decided by the state and

B: Control centre to check for the “Emergency ON “from the dashboard and the messages sent status to the vehicle owners and 112(Emergency response system) simultaneously, CCC to check whether the status is “ON”, if its ON, then 112 to resolve the issue and enter required parameter on a mobile app which in turn will automatically update the system. If closed, then the said case to be closed then and there by CCC. If it is still “ON” then proceed to next step.

C: Alerts prioritization to be done, and further detailed SOP after the alert is received at 112 till the resolution of case, is to be developed by police department.

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

8 b: Alert –Emergency OFF

A: As soon as the alert reported in control centre about “Emergency OFF”, a message to be sent automatically on registered mobile number, on mobile app, that emergency situation has been resolved.

B: Control centre to check for the “Emergency OFF “from the dashboard and the messages sent status to the vehicle owners and CCC to check whether the status is “OFF”, if its OFF, then 112 has resolved the issue and responded back on the system through mobile app. If closed, then the said case to be closed then and there by CCC.

9: Alert- over the air parameter change:

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number of RFC (vendor of respective device company), and RFC to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the “over the air parameter change “from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the status is “OFF”, if its OFF, the said case to be closed then and there by CCC. If it is still “ON” then proceed to next step:

C: If RFC centre fail to get the issue resolved... a call from control centre to be made to get it rectified in 1 working day, if RFC fails to get it rectified in 1 day or 24hrs from call, then CCC to send I.D of RFC to the STA in whose office the RFC is registered “shall block the RFC i.d in vahan 4.0”. A module for the same to be developed in vahan 4.0 for transferring request from CCC to STA automatically after 24 hrs for blocking.

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

10: Alert: Harsh Braking

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the driver be alerted for the next time.

B: Control centre to check for the “Harsh Braking “from the dashboard and the messages sent status to the vehicle owners, CCC to check how many times harsh braking is being used in next 1 or 2 hr or complete journey.

C: If owner fail to get the issue sorted out in give time of 1 or 2 hr or complete journey a call from control centre to be made to get it rectified for future journey, if owner fails to get it rectified in future 3 or 4 journey from last alert of harsh breaking , then CCC to send registration number to respective RA in whose office the vehicle is registered “ shall block the registration number and driving license for necessary training to the driver for refresher course in vahan 4.0 and Sarathi 4.0” . A module for the same to be developed in vahan 4.0 and Sarathi 4.0 for transferring request from CCC to RA automatically after 1 working day from blocking.

Log of particular vehicle to made for 1 month, and repeated offender doing more than 10 times in a month, then a notice to be issued to owner for furnishing details of driver, and after that proceedings will start against DL of the driver under relevant provisions of the MV act.

D: If owner still not get it rectified and the alert of harsh braking continues in every journey and is found to be a repeated offender, then permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month, and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of “permit conditions by respective RTA/STA”, for both existing and new permits, as the matter is related to “safety and security “.

11: Alert: Harsh Acceleration

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the driver be alerted for the next time.

B: Control centre to check for the “Harsh Acceleration “from the dashboard and the messages sent status to the vehicle owners, CCC to check how many times harsh braking is being used in next 1 or 2 hr or complete journey.

C: If owner fail to get the issue sorted out in give time of 1 or 2 hr or complete journey a call from control centre to be made to get it rectified for future journey, if owner fails to get it rectified in future 3 or 4 journey from last alert of harsh acceleration, then CCC to send registration number to respective RA in whose office the vehicle is registered “shall block the registration number and driving license for necessary training to the driver for refresher course in vahan 4.0 and Sarathi 4.0”. A module for the same to be developed in vahan 4.0 and Sarathi 4.0 for transferring request from CCC to RA automatically after 1 working day from blocking.

Log of particular vehicle to made for 1 month, and repeated offender doing more than 10 times in a month, then a notice to be issued to owner for furnishing details of driver, and after that

proceedings will start against DL of the driver under relevant provisions of the MV act.

D: If owner still not get it rectified and the alert of harsh acceleration continues in every journey and is found to be a repeated offender, then permit of the vehicle will be suspended by concerned secretary RTA/STA for at least 1 month, and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of "permit conditions by respective RTA/STA", for both existing and new permits, as the matter is related to "safety and security".

12: Alert: Rash Turning

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the driver be alerted for the next time.

B: Control centre to check for the "Rash Turning" from the dashboard and the messages sent status to the vehicle owners, CCC to check how many times harsh braking is being used in next 1 or 2 hr or complete journey.

C: If owner fail to get the issue sorted out in give time of 1 or 2 hr or complete journey a call from control centre to be made to get it rectified for future journey, if owner fails to get it rectified in future 3 or 4 journey from last alert of rash turning, then CCC to send registration number to respective RA in whose office the vehicle is registered "shall block the registration number and driving license for necessary training to the driver for refresher course in vahan 4.0 and Sarathi 4.0". A module for the same to be developed in vahan 4.0 and Sarathi 4.0 for transferring request from CCC to RA automatically after 1 working day from blocking. Log of particular vehicle to be made for 1 month, and repeated offender doing more than 10 times in a month, then a notice to be issued to owner for furnishing details of driver, and after that proceedings will start against DL of the driver under relevant provisions of the MV act.

D: If owner still not get it rectified and the alert of rash turning continues in every journey and is found to be a repeated offender, then permit of the vehicle will be suspended by concerned secretary RTA/STA for at least 1 month, and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of "permit conditions by respective RTA/STA", for both existing and new permits, as the matter is related to "safety and security".

13: Alert: Device tempered:

A: As soon as the alert reported in control centre, a message to be sent automatically on registered mobile number, for owner to get the problem rectified in 1 working day or 24 hours from the call, as may be decided.

B: Control centre to check for the "devices temper alert" from the dashboard and the messages sent status to the vehicle owners, CCC to check whether the

status of device is turned "ON", if its ON, the said case to be closed then and there by CCC. If the device off alert is still active then proceed to next step: C

C: If owner fails to get the issue resolved in the given time frame a call from control centre to be made to get it rectified in another 1 working day, if owner fails to get it resolved in 1 day or 24hrs from call, then CCC to send registration number to respective RA in whose office the vehicle is registered, then respective RA "shall block the registration number in vahan 4.0". A module for the same to be developed in vahan 4.0 for transferring the request from CCC to RA automatically after 48 hrs for blocking the registration number and registration number of the vehicle will be unblocked only when device status is "ON" and compounding under section-177, section 190(2) and rule 90(5) is done for violation of rule -125 H of CMVR, 1989.

D: If owner still not get it rectified in above mentioned 2 days duration , then the registration number will be send to Secretary RTA/STA and permit of the vehicle will be suspended by concerned secretary RTA/STA for atleast 1 month , and owner has to surrender the original copy of permit in RTA office, and the entry of which will be endorsed in vahan 4.0 (so that on checking of documents the surrender of permit information shall be reflected in the system).

All above to be made part of "permit conditions by respective RTA/STA", for both existing and new permits, as the matter is related to "safety and security ".

Important note: The VLTD system is an umbrella project, under which it is having immense possibilities for doing work with regards to road safety. We can use "Geo-Fencing", "can track over speeding vehicle", "can help in tracking vehicle going off-route", "will also help in assessing the tax for stage carriage vehicles" and importantly we will be able to see the behaviour of driver on road".