SIP-adus Workshop 2020

Efforts to Realize Automated Driving by Road Transport Bureau, MLIT(Part2)

Act for Partially Revising the Road Vehicle Law

- **To realize automated driving, it is necessary to modify various rules for safety based on the Road Vehicle Law.**
- **The amendment of the law was approved at the plenary session of the Diet, last May 2019.**
- **The contents of the revised act are as follows.**

Summary of the act

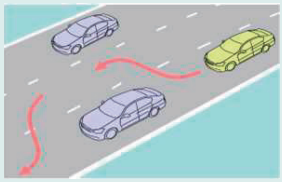
1 Addition of "automated operation devices" *1

- ☐ "Automated operation devices" are added to the targeted devices of the safetyregulations.
- ☐ The Minister of MLIT shall grants conditions (Operational Design Domain) the operation of the automated operation device.

Automated operation devices

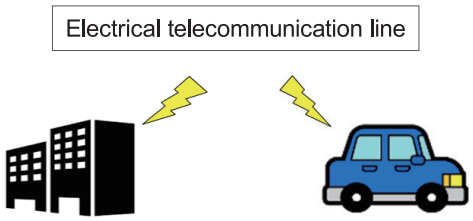
- equipment for operating a car automatically according to the program, and the equipment with the function of substituting all of the capabilities related to the recognition, prediction, judgment and operation of a person, who operates the Vehicle, when it is used under the conditions granted by the Minister of MLIT
- Including measures to record information necessary for confirmation of operating status

Car lane changes on highways



2 Establishment of a permission system related to remodeling, etc. by modifying programs incorporated in automated operation devices, etc.*2

- ☐ Establishment of permitting system related to acts such as the use of telecommunication lines, etc. that are modifications, by changing of programs incorporated in automatic operation equipment, etc. It is also the modification, if the contents are not appropriate, the car may not comply with the safety regulations.
- ☐ Let NALTEC conduct a technical review of the work related to permission



3 Organizing corporations that conduct administrative work related to the management of technical information necessary for electronic inspection of automobiles

4 Mandatory provision of technical information necessary for expanding the scope of maintenance by disassembly / inspection

5 Others

[Effective date] *1 : April 1,2020 *2 : November 23,2020