

April 26, 2022

Truck Platooning Approved Plan

Minnesota Statutes, section 169.881, provides that a person may submit a request to the commissioner of transportation to use a platooning system on certain roads only in the state of Minnesota. The commissioner is authorized to grant or deny the request and accompanying plan, and may place reasonable conditions and restrictions to ensure public safety, minimize congestion, or prevent undue damage to roads or structures.

A copy of this plan must be kept in each vehicle operating in the platoon. When the vehicles identified in this plan are operating on roads not approved by the commissioner, the platooning system must be disengaged and the human driver must be in full control of operating the vehicle.

Issued to:

Kratos Defense & Security Solutions and CHS, Inc.
Maynard Factor
Vice President Business Development - Kratos Defense Unmanned Systems division

Valid from:

June 1, 2022 to May 31, 2023

Plan details:

Total length of vehicle platoon— approximately 210 feet

Configuration of the vehicle platoon— 2 commercial trucks with 50 feet between

Vehicle identification information— CHS DOT Number : 124419

CHS Truck Identification :

- a) CHS Class 8 Truck #1
 - a. Make/Model : Mack/Anthem
 - b. VIN : 1M1AN4GY9NM027089
 - c. Truck License : PAV2044
- b) CHS Class 8 Truck #2
 - a. Make/Model : Mack/Anthem
 - b. VIN : 1M1AN4GYXNM027084
 - c. Truck License : PAV2045

Approved time frames the vehicle platoon will be operating - Avoid testing on the weekends before and after a nationally observed holidays.

Approved route and section of freeway or expressway — MN Trunk Highway 60 from Mankato, MN to Medelia, MN

Acceptance of requirements and restrictions

Kratos Defense & Security Solutions and CHS, Inc. hereby agrees to follow any applicable provisions of Minnesota Statutes, chapter 169, governing the operation of motor vehicles; the restrictions deemed necessary by the commissioner; and Minnesota Statutes, section 169.881, subds. 4 and 5, as detailed below.

Vehicle platoons must meet the following requirements:

- (1) the platoon must not include more than three vehicles;
- (2) each vehicle in the platoon must have a platooning system installed;
- (3) while platooning, each vehicle must have the platooning system engaged;
- (4) each vehicle in the vehicle platoon must have a human driver present and in the driver seat who is monitoring performance of the vehicle at all times and who holds a valid driver's license for the type or class of vehicle being driven;
- (5) each vehicle in the platoon must meet the vehicle height, width, and weight limits under chapter 169;
- (6) each vehicle in the platoon must be covered by minimum liability insurance; and
- (7) a vehicle platoon must allow reasonable access for the movement of other motor vehicles to change lanes and enter or exit the roadway.

Additional restrictions applicable to the specific request:

- MN Trunk Highway road construction zone: TH60/TH15 segment from Madelia, south to the south junction of the split between TH 60 and TH 15 will be restricted due to the planned road construction for the spring, summer, and fall of 2022.

*****MnDOT reserves the right to revoke or modify a platooning plan, even after issuance, if needed to ensure public safety, minimize congestion, or prevent undue damage to roads or structures.*****

For any questions about this platooning plan, please contact:

Tara E. Olds, P.E. she/her/hers

Acting Executive Director

Connected & Automated Vehicles Office (CAV-X) Minnesota Department of Transportation

1500 West County Road B2, St. Paul, MN 55113

M: 651.368.4921