# MBTA Winter Preparedness 2024-2025

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## Winter Preparedness Guiding Principles



#### Ensure a solid baseline informed and refined by experience

- ✓ All tools and equipment thoroughly tested and prepared
- ✓ Snow & Ice plan completed by every department
- ✓ Test scenarios



# Be prepared to be flexible and adaptable to enable the most efficient and appropriate response to any scenario

- ✓ Understand the tools available and how to utilize them optimally
- ✓ Evaluate what the situation calls for (not "one size fits all")



# Prioritize situational awareness during winter events to enable timely response and communication flow to both internal and external stakeholders

- ✓ Be alert and plugged into your own area
- ✓ Communicate what you are seeing



## **Rail Vehicle Preparations**

	Winterization Program	Special Pantograph Carbons	Supplemental Systems Preparations	Snow-Fighting Capabilities	Traction Motor Type
Blue	√ Complete	Available for select cars	√ Complete	Built-in plows	AC
Red	In progress	N/A	√ Complete	40 under-vehicle plows	Type 1 & 2 - DC Type 3 & 4 - AC
Orange	√ Complete	N/A	√ Complete	Built-in snow wipers	AC
Green	In progress	Available for select cars	√ Complete	N/A	Type 7 - DC Type 8 & 9 - AC PCC Cars - DC



### **Bus and Commuter Rail Preparations**



#### Bus

 Winterization program focuses on pneumatic, cooling, and HVAC systems and auxiliary heaters



#### **Commuter Rail**

- Two snowplows and flanger are ready to be deployed
- Checking HVAC/heating and locomotive layover systems, preparing to switch from summer- to winter-blend diesel fuel



### Transit Infrastructure and Non-Revenue Vehicles





#### System Switch Heaters

Testing underway for switch heaters both in yards and in the system

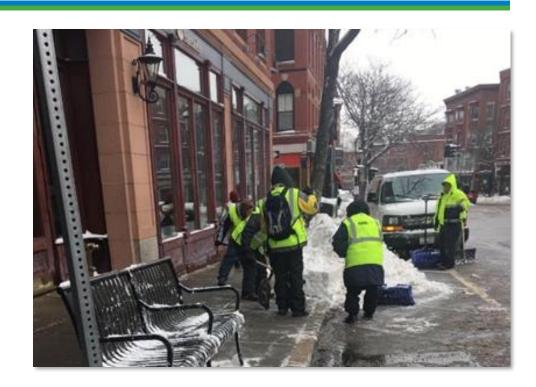
#### Non-Revenue Vehicle (NRV) Winterization Inspection Program

- Applies to on-road and off-road snow equipment as well as specialized equipment used during cold temperatures
- Equipment undergoes full-service oil/grease applications, inspection, repairs/replacements as necessary, and road testing



### **Snow Clearing and De-Icing**

- MBTA stages salt boxes and equipment throughout the system for snow clearing and de-icing
- Snow removal on heavy and light rail tracks is completed by MBTA Maintenance of Way (MOW)
- Snow removal at MBTA facilities and busstops primarily is performed by contractors
- MBTA coordinates with municipal partners to review snow-clearing responsibilities





## **Public Information Strategy**

# WINTERPROOF YOUR COMMUTE.



GET CUSTOM ALERTS AT MBTA.COM/SIGNUP

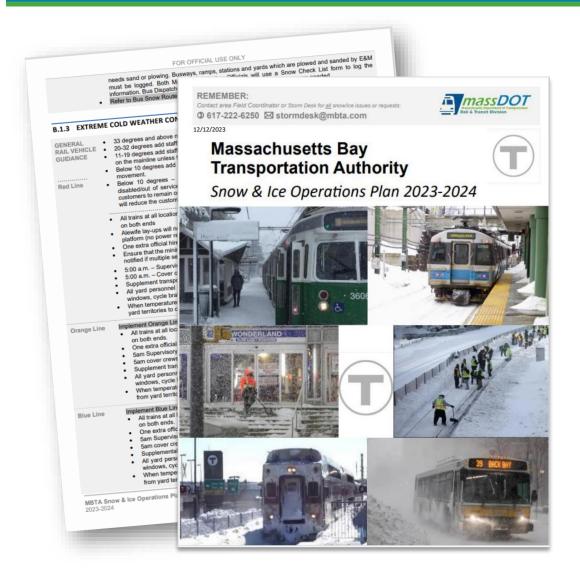
**Winter ads** on highway billboards and in stations started running in November and:

- Encourage commuters to sign up for T-alerts
- Direct commuters to dedicated webpage for service information during storm conditions





## **Storm Management**



- The Snow & Ice Operations Plan details the overall approach the MBTA will utilize prepare, respond, and recover from winter weather and storms
- Emergency / extreme weather schedules may be activated during storms



# Thank You

