

SMART CONSTRUCTION Fleet Release Note

App Ver : 5.5.0

Scheduled Release : May 7th (Tuesday), 18:00 to 19:00 (JST)

We are planning to release new features for Smart Construction Fleet.

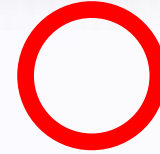
※Please note that we will not be releasing this update for the Classic version this time.



クラシック版



Smart Construction Fleet



<<The feature that was present in the Classic version>>

- The feature to create routes from the travel history

<<The feature to be added this time>>

- Duplicate count correction
- Operation history error notification
- Deletion function for "Route," "Workplace," and "Group."

Please update the mobile app before the release on the web app.

We have included instructions on how to set up automatic updates on iPhone at the [end of this document](#). Please feel free to use them as needed.

The mobile app is scheduled for store release on Friday, April 26th.

※The timing of the mobile app's store release may vary depending on the review process.

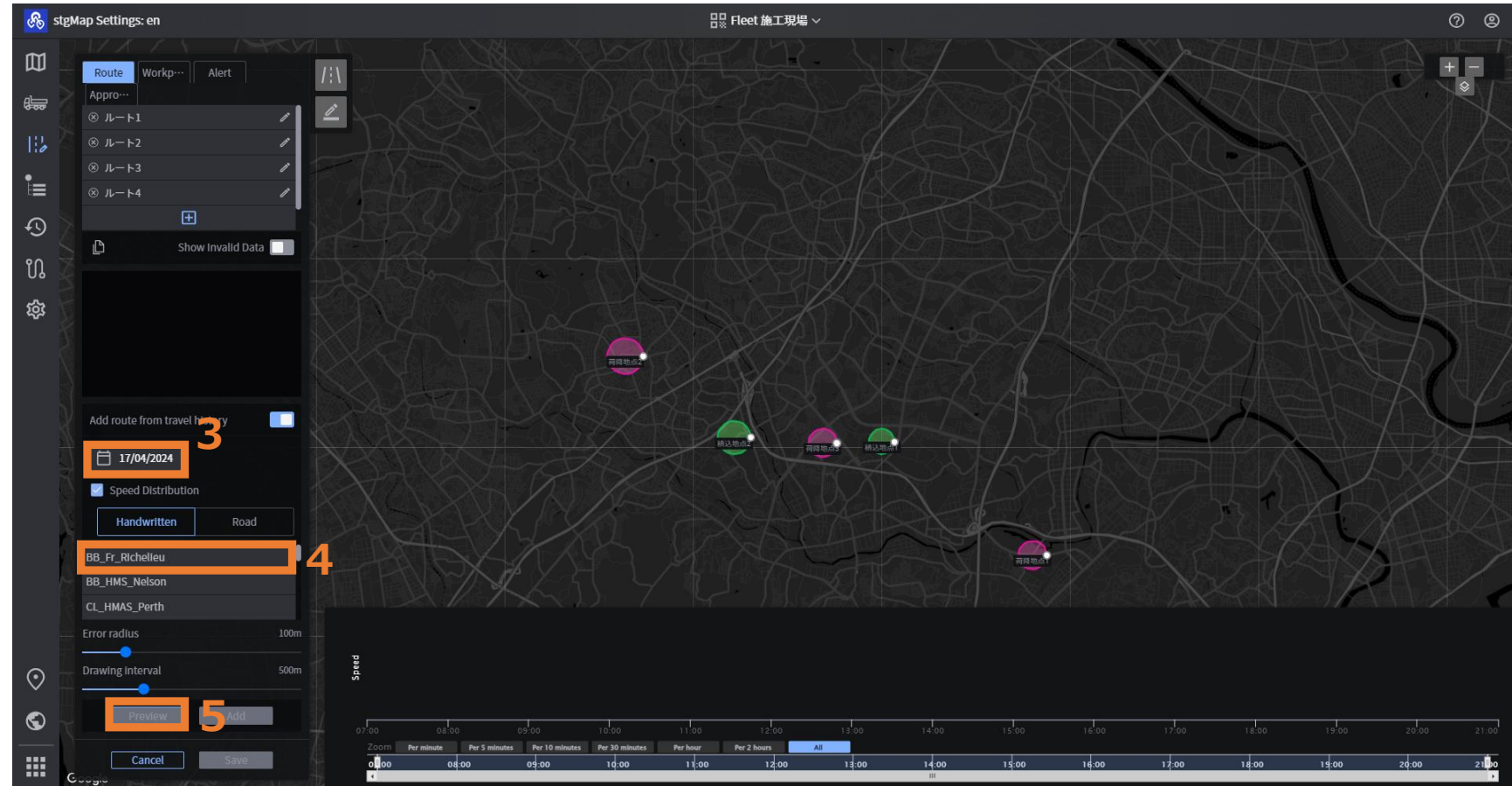
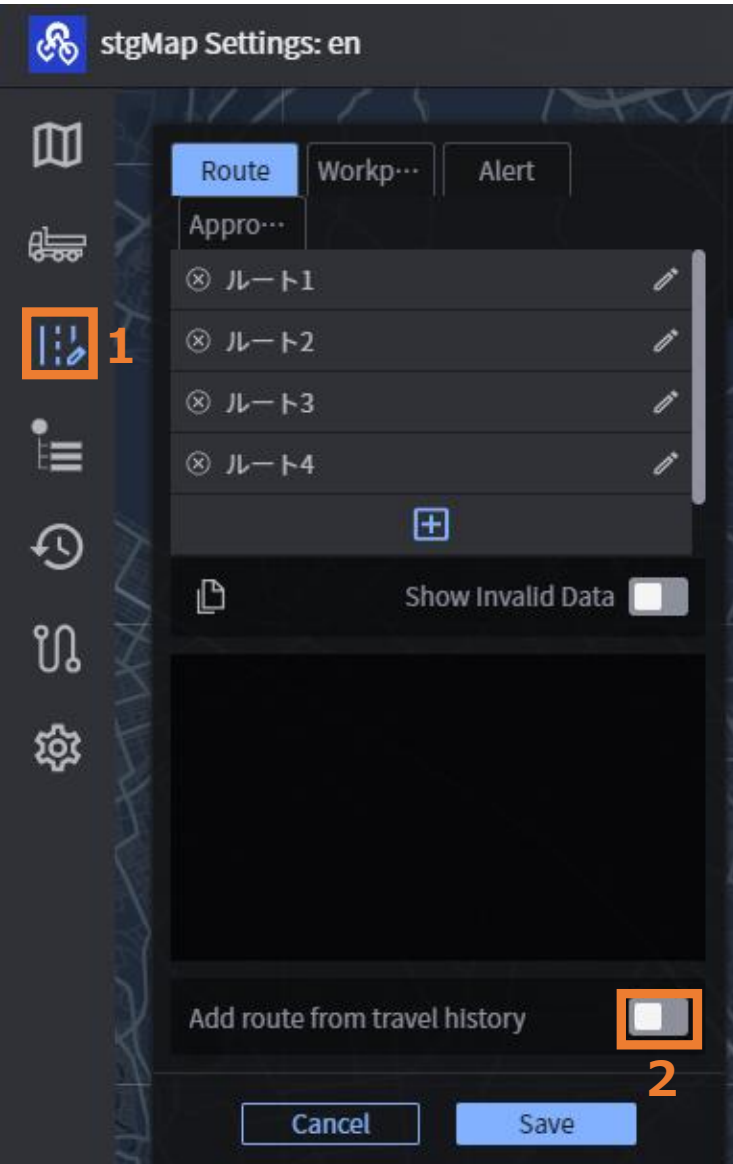
During operations at active sites, please note the following partial restrictions:

Web or Mobile	影響
Web	Cannot log in
Web	If you are logged in on the mobile app or dedicated device, an error will occur at the next server access.
Web	In the Real-time viewer , an error will be displayed.
Mobile	Cannot log in
Mobile	When logged in, an error occurs when attempting to retrieve the location information of other vehicles on the map.
Mobile	An error occurs when switching tabs.
Mobile	During server downtime, location information is stored on the device. Once the server is back online, the stored location information will be sent out gradually.
Mobile	Detection of entry into alert points operates normally.
Mobile	Detection of entry into workplace and approaching notification is not functioning properly.

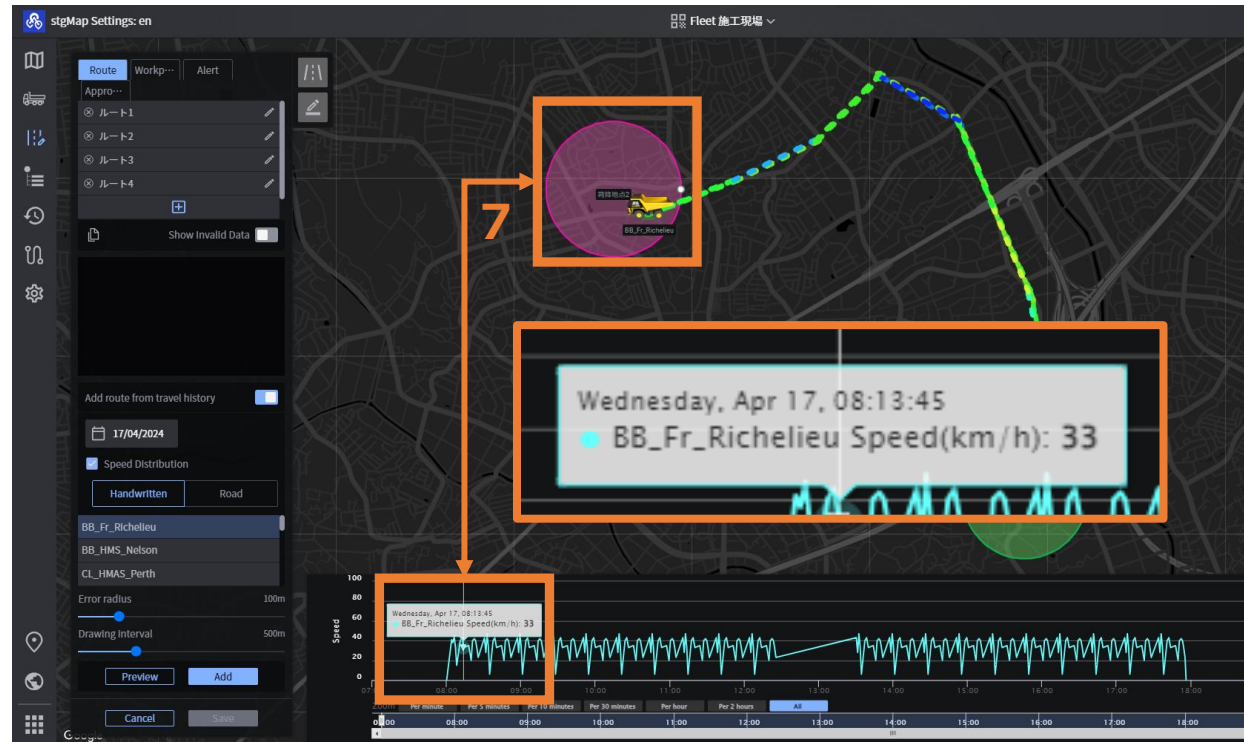
Scheduled Release: May 7th (Tuesday), 18:00 to 19:00 (JST)



Additional Features/Changes

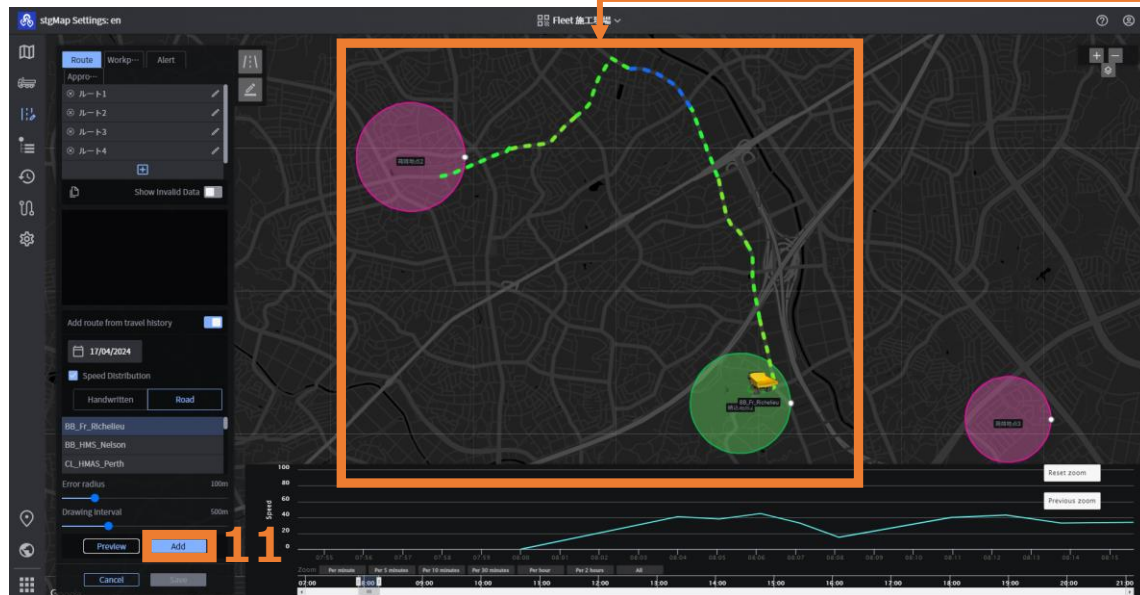
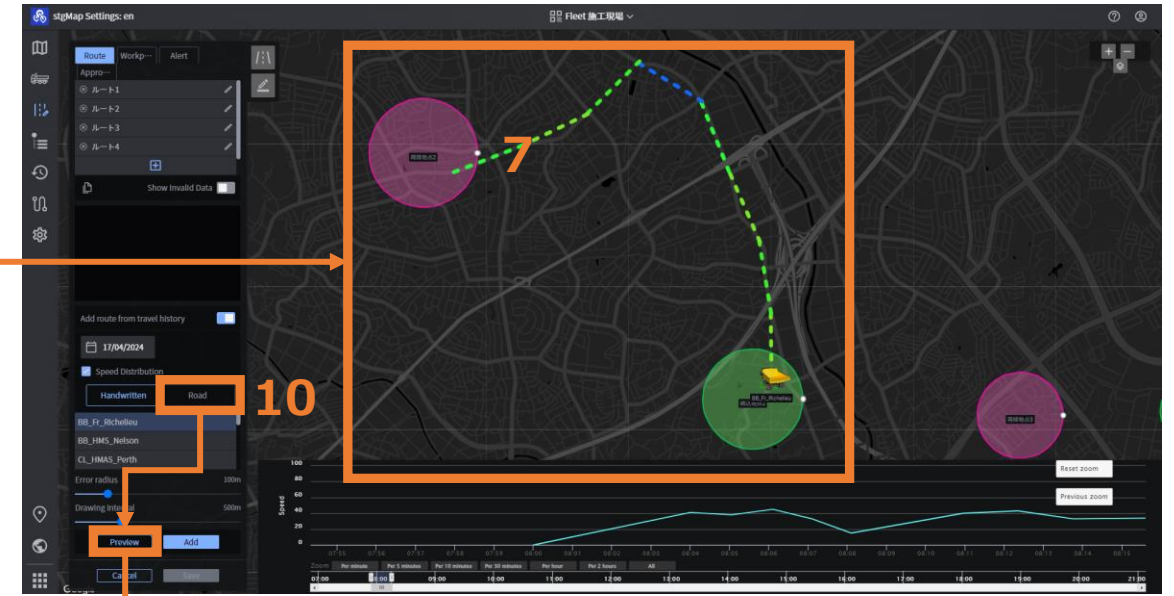


1. Click on “Map Settings”
 2. Turn on “Add route from travel history”
 3. Select the date
 4. Select the vehicle
 5. Click on “Preview”
- To be continued on the next page.



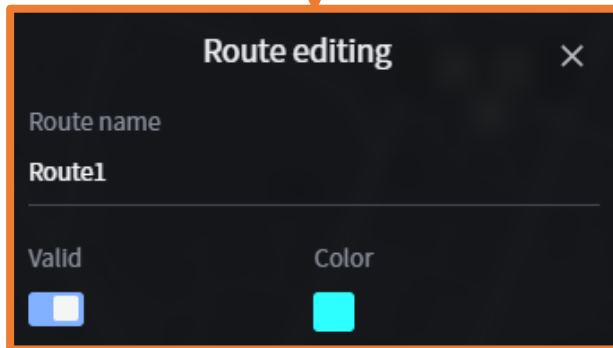
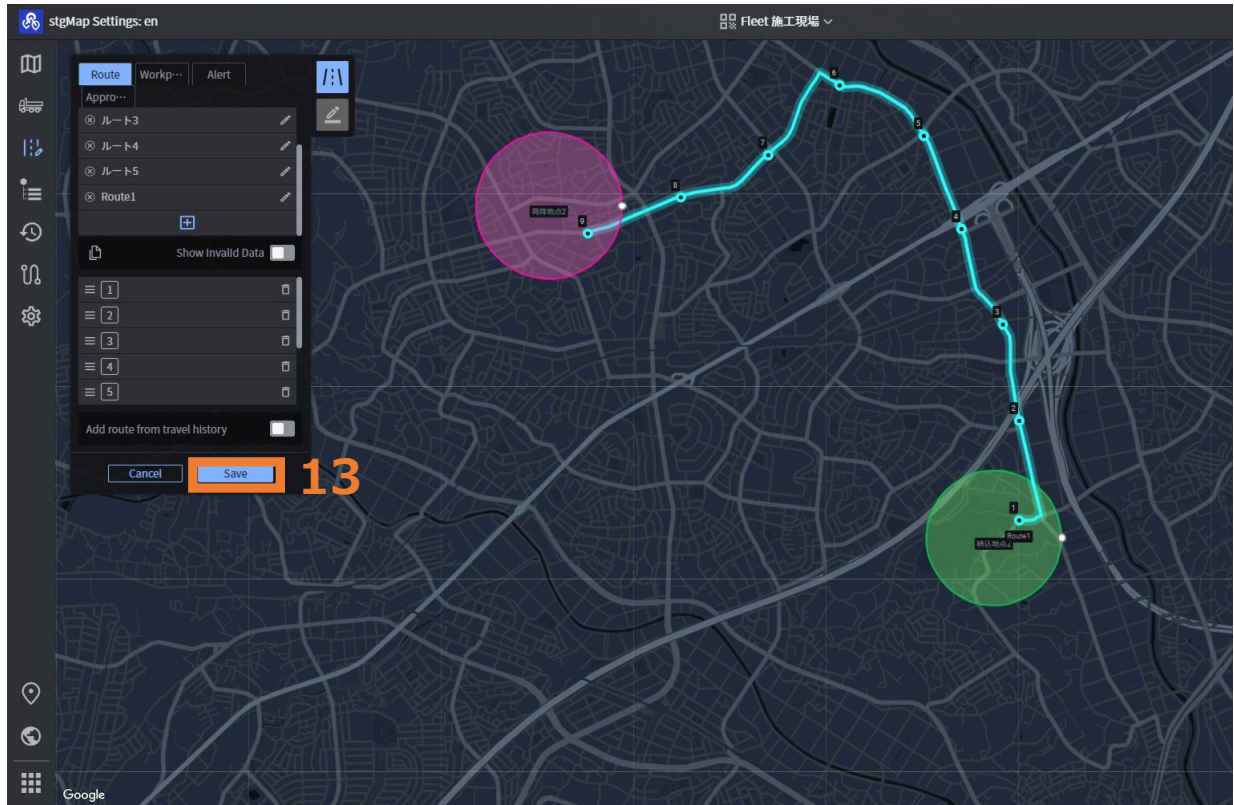
6. Hover over the graph to display the selected vehicle's travel history, then check the starting point and time of the route on the map
7. Similarly, check the end point and time of the route on the map
8. Drag the graph with the mouse to zoom in on the time confirmed in steps 6 and 7

To be continued on the next page.



9. Click on "Preview" as the speed graph zooms
Only the trajectory corresponding to the zoomed time
will be displayed on the map.
Click on "Preview" each time to update the screen display status.
10. Click on "Road" for routes on public roads, then click "Preview."
It will switch to a route that fits the road.
11. To confirm the displayed route, click "Add".

To be continued on the next page.

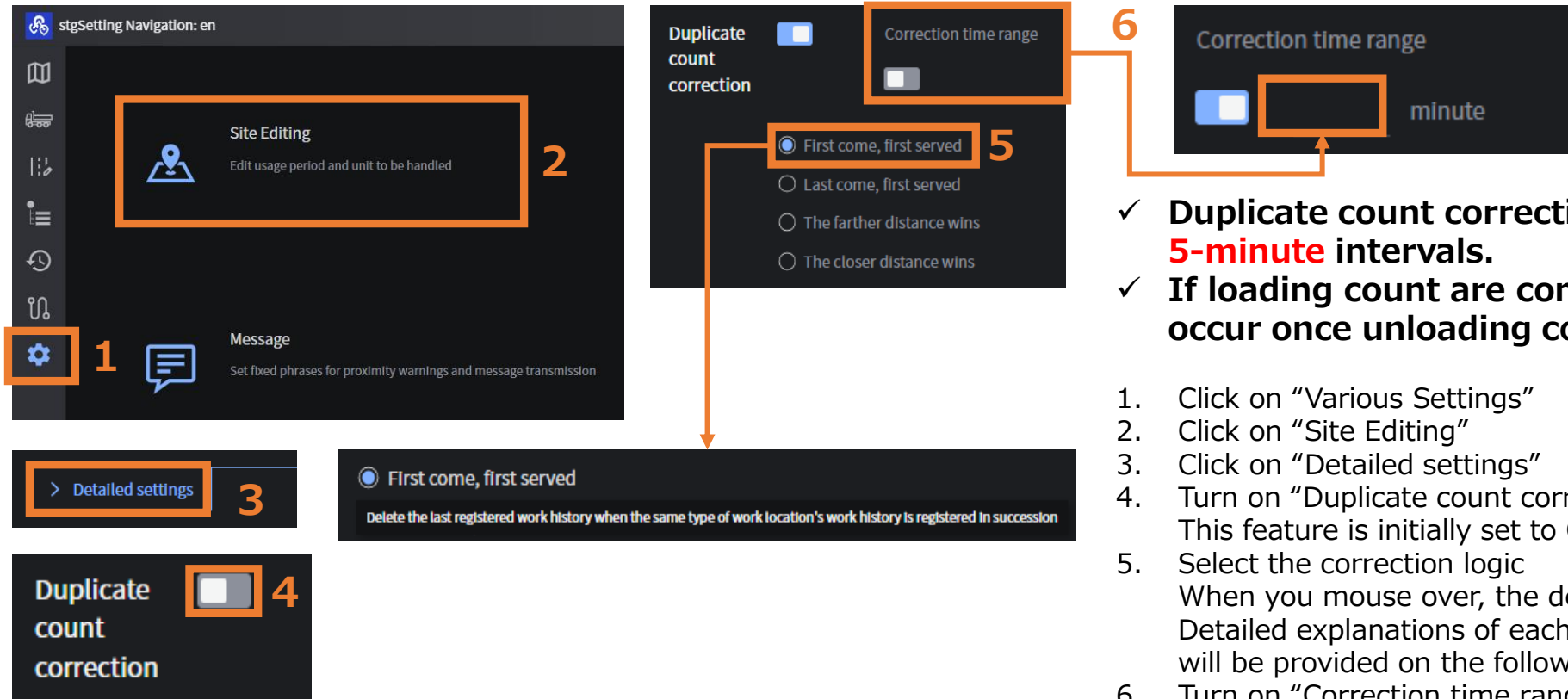


12. Turn off “Add route from travel history”
Please press the edit button as needed to edit the route name or other details.
13. Click on “Save”

The created route will be saved.

This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【The procedure for setting up the duplicate count correction feature 】



The screenshot shows the 'stgSetting Navigation: en' interface. The steps are as follows:

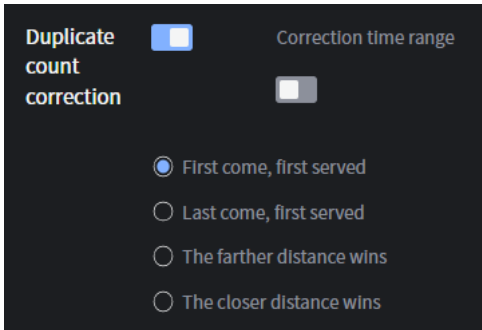
- Click on the 'Settings' icon (gear) in the left sidebar.
- Click on 'Site Editing' in the main menu.
- Click on '> Detailed settings' at the bottom of the 'Site Editing' screen.
- Click on the 'Duplicate count correction' toggle switch.
- Select the 'First come, first served' correction logic from the list of options.
- Click on the 'Correction time range' toggle switch and set it to 5 minutes.

- ✓ Duplicate count correction is automatically performed at **5-minute** intervals.
- ✓ If loading count are consecutive, modifications will only occur once unloading count is registered afterward.

1. Click on "Various Settings"
2. Click on "Site Editing"
3. Click on "Detailed settings"
4. Turn on "Duplicate count correction"
This feature is initially set to OFF.
5. Select the correction logic
When you mouse over, the description of the logic will be displayed.
Detailed explanations of each logic will be provided on the following pages.
6. Turn on "Correction time range" (Option)
If the same type of work history is registered beyond the input time, no correction process will be performed.
7. Press the "Save Changes" in the upper right corner of the screen

This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【Types of correction logic】



- **First come,First served**

Delete the **last** registered work history when the same type of work location's work history is registered in succession

- **Last come,first served**

Delete the **first** registered work history when the same type of work location's work history is registered in succession

- **The farther distance wins**

Delete the **closer** work history from the position where the work history of the paired loading/unloading point was registered when the same type of loading/unloading point's work history is registered in succession

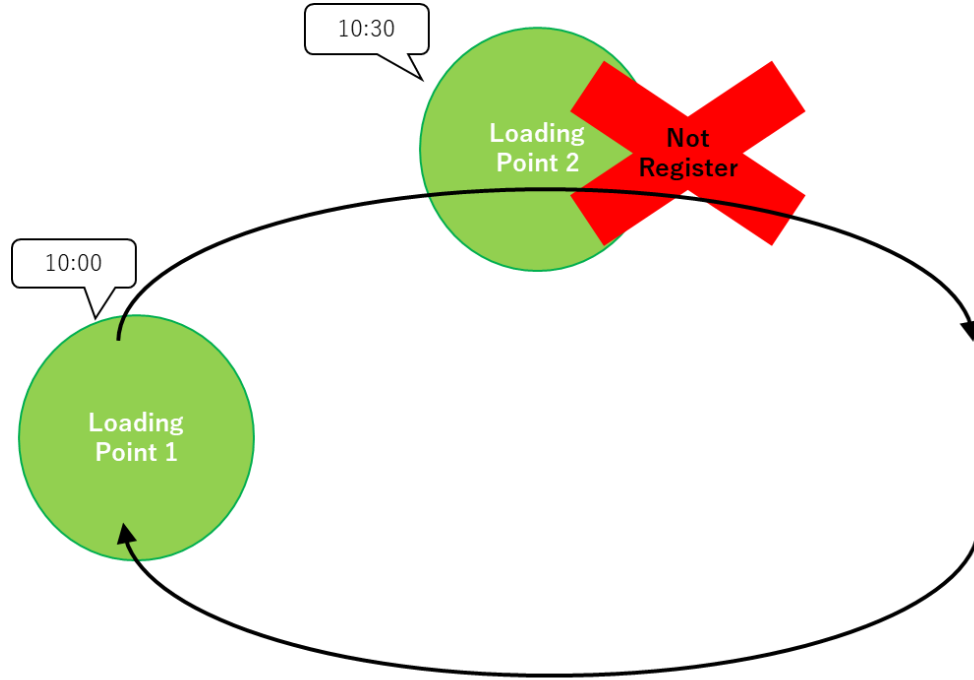
- **The closer distans wins**

Delete the **farther** work history from the position where the work history of the paired loading/unloading point was registered when the same type of loading/unloading point's work history is registered in succession

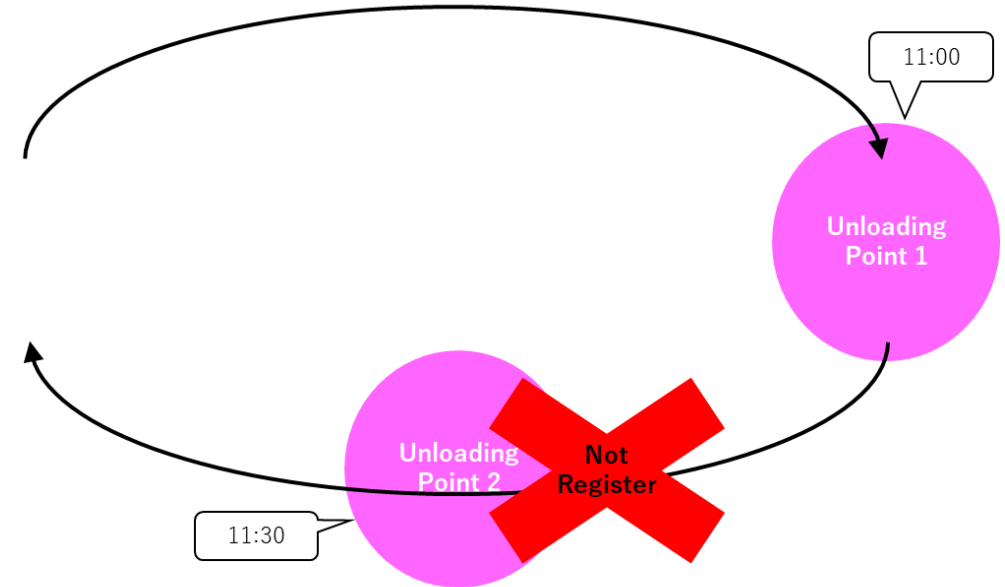
This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【First come,First served】

Delete the **last** registered work history when the same type of work location's work history is registered in succession



• 10:00 Loading Point 1
• 10:30 Loading Point 2
→ Not register

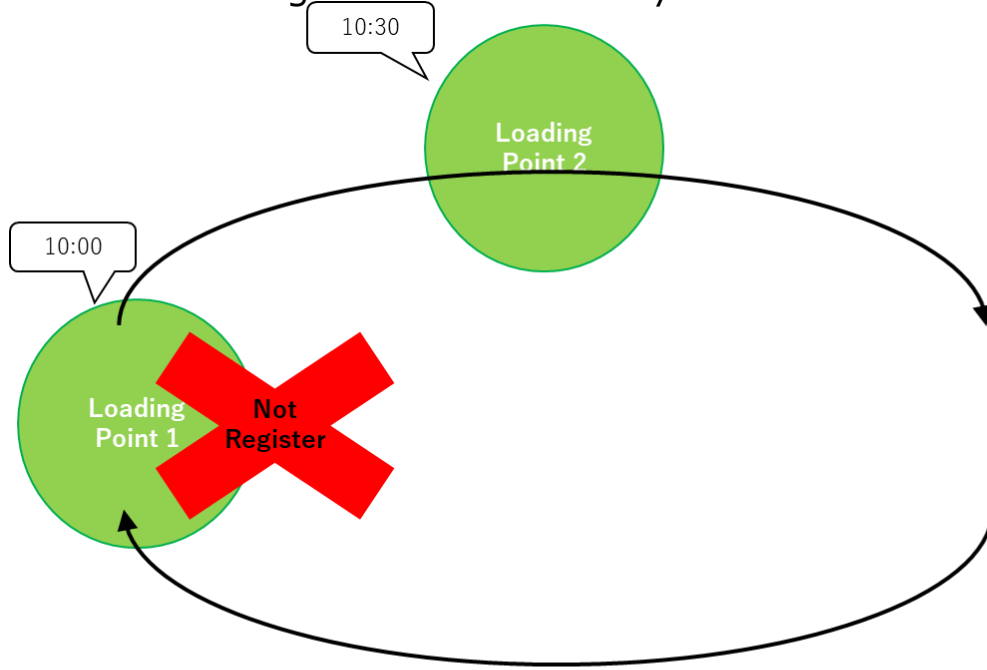


• 11:00 Unloading Point 1
• 11:30 Unloading Point 2
→ Not Register

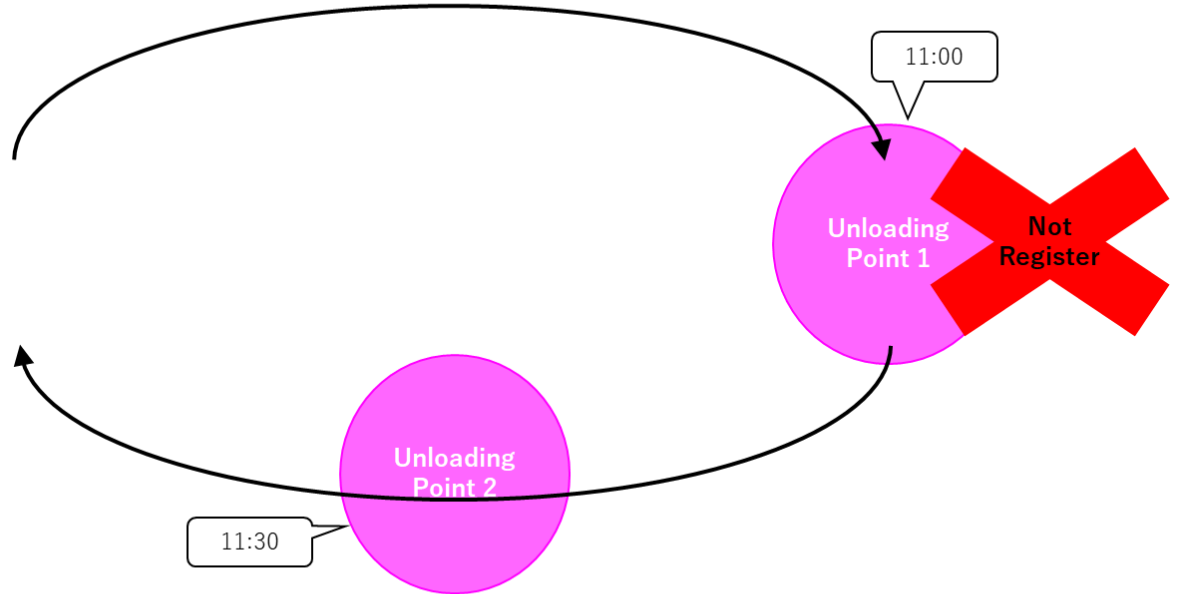
This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【Last come,first served】

Delete the **first** registered work history when the same type of work location's work history is registered in succession



•10:00 Loading Point 1
→Not Register
•10:30 Loading Point 2

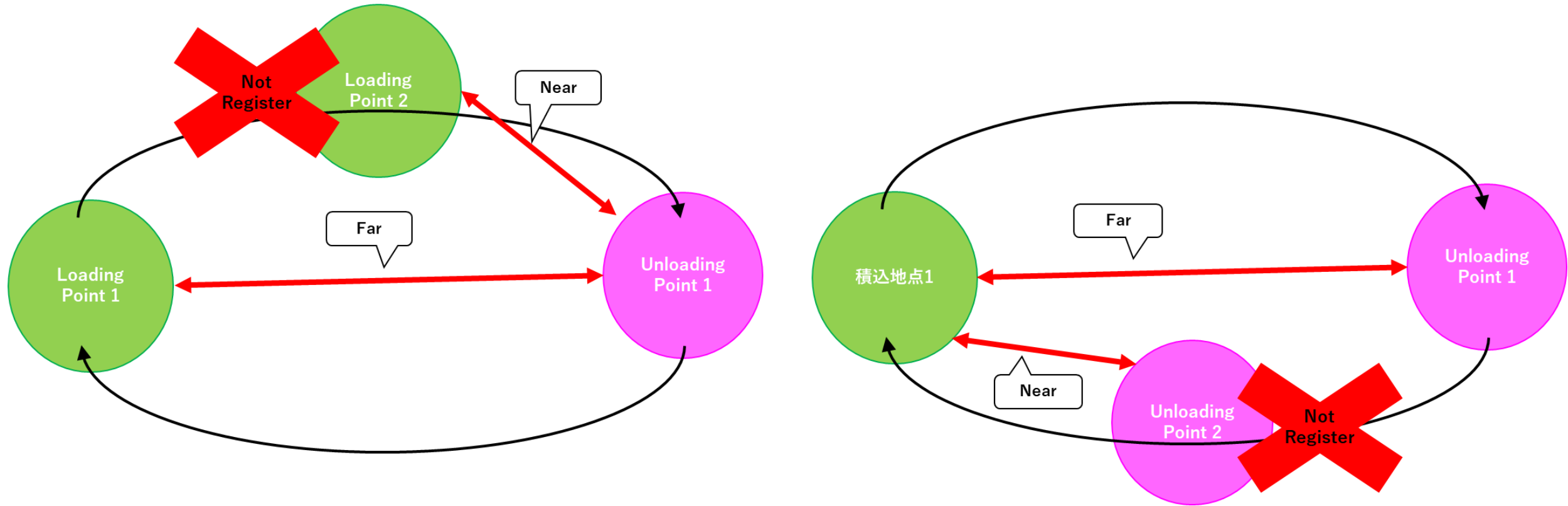


•11:00 Unloading Point 1
→Not Register
•11:30 Unloading Point 2

This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【The farther distance wins】

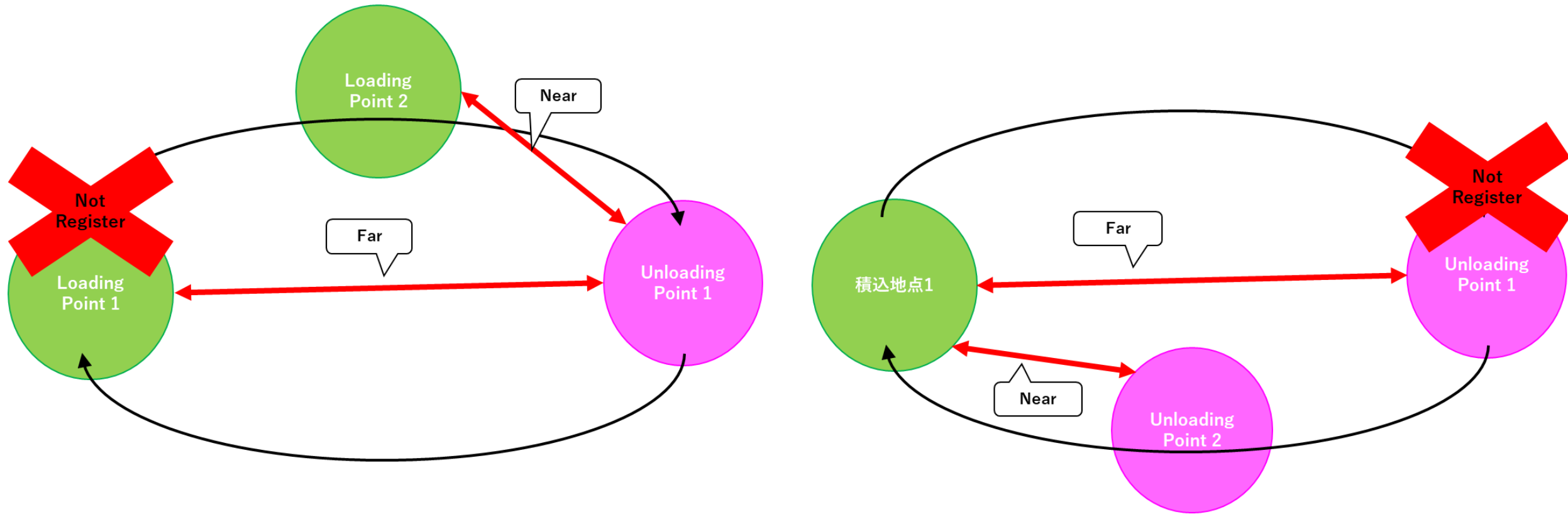
Delete the **closer** work history from the position where the work history of the paired loading/unloading point was registered when the same type of loading/unloading point's work history is registered in succession



This is a feature to avoid duplicate automatic work history entries.
If the same type of work history is recorded consecutively, the duplicate entry will be removed.

【The closer distans wins】

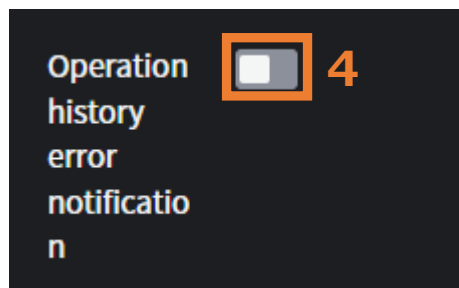
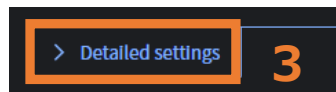
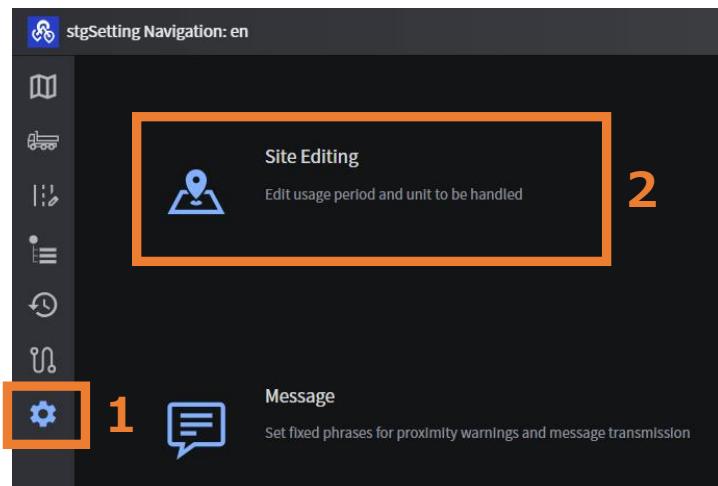
Delete the **farther** work history from the position where the work history of the paired loading/unloading point was registered when the same type of loading/unloading point's work history is registered in succession



This is a feature designed to help administrators quickly identify errors in automatic work history entries. Notifications are sent to the real-time viewer in the following cases:

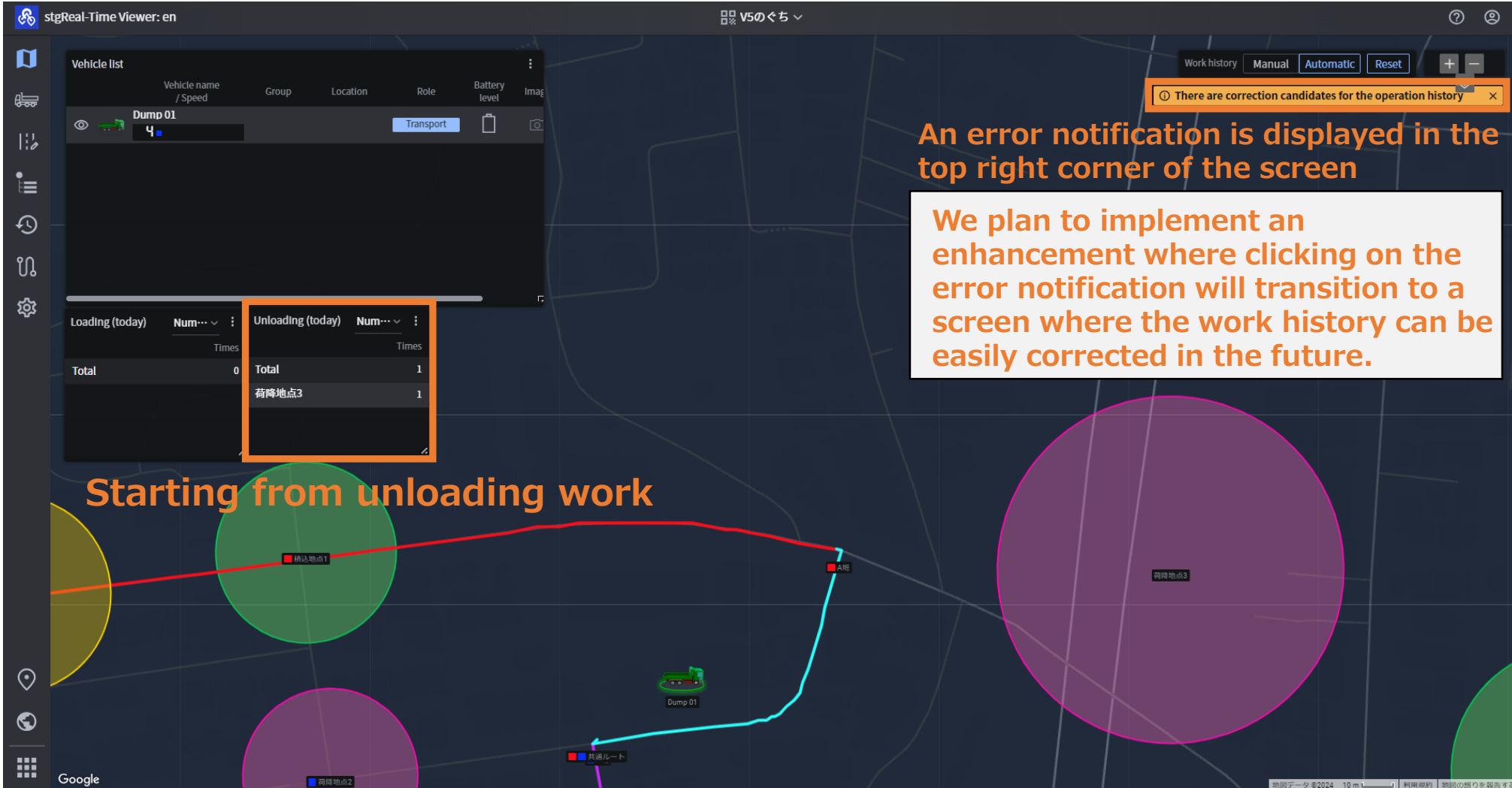
- When the same type of work history is recorded consecutively
- When unloading count is started
- When loading count is completed and the operation is finished

【How to enable error notification feature】



1. Click on "Various Settings"
2. Click on "Site Editing"
3. Click on "Detailed Settings"
4. Turn on "Operation history error notification"
This feature is initially set to OFF.
5. Press the "Save Changes" in the upper right corner of the screen

【Cases where unloading work is started】



The screenshot shows the 'stgReal-Time Viewer: en' interface. On the left, a 'Vehicle list' panel displays details for 'Dump 01', including its role 'Transport' and battery level. Below this, a table shows 'Loading (today)' and 'Unloading (today)' statistics. The 'Unloading (today)' table is highlighted with an orange box, showing a total of 1 unloading event at '荷降地点3' (Loading Point 3). On the right, a map displays a route with a red line and a green circle. A vehicle icon labeled 'Dump 01' is shown on the map. In the top right corner, an orange notification bar states: 'There are correction candidates for the operation history'. Below this, a text box explains: 'We plan to implement an enhancement where clicking on the error notification will transition to a screen where the work history can be easily corrected in the future.'

Starting from unloading work

An error notification is displayed in the top right corner of the screen

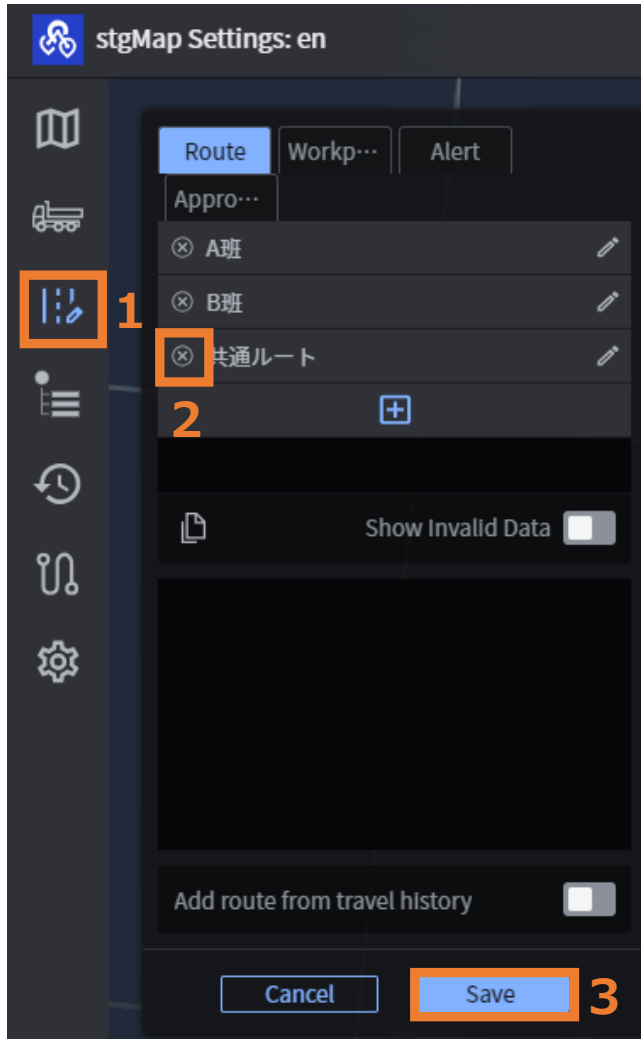
We plan to implement an enhancement where clicking on the error notification will transition to a screen where the work history can be easily corrected in the future.

Vehicle name / Speed	Group	Location	Role	Battery level	Image
Dump 01			Transport		

Loading (today)	Num...	Unloading (today)	Num...
Total	0	Total	1
		荷降地点3	1

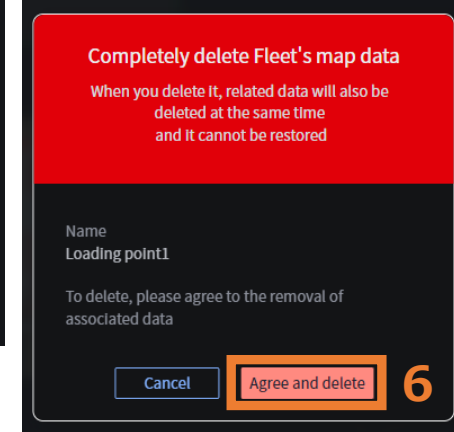
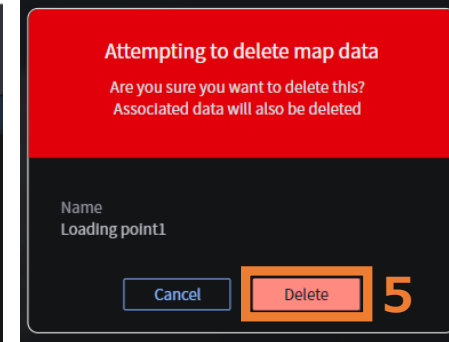
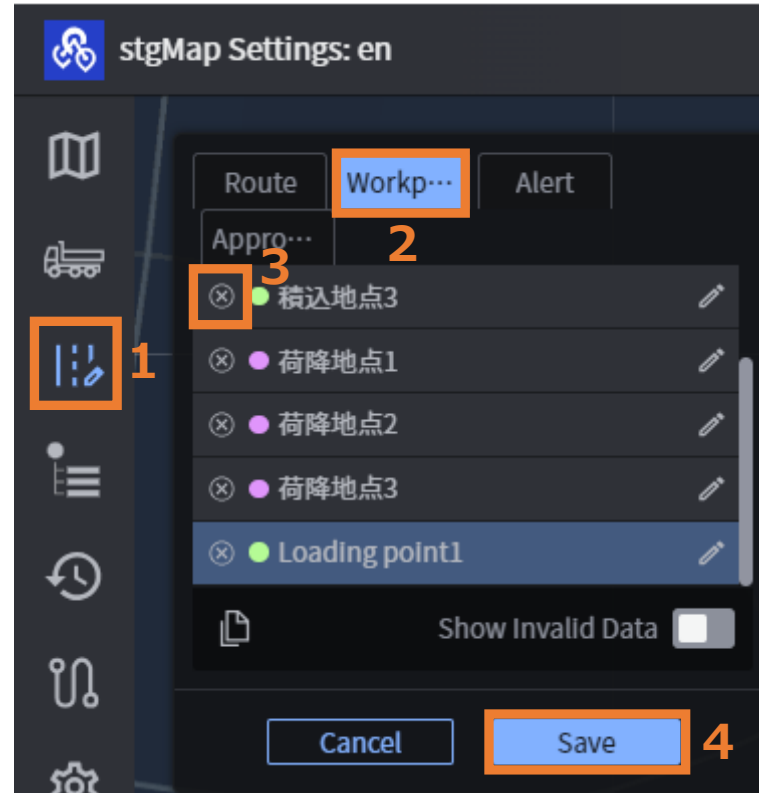
When deleting a work site or a group, please note that associated data will also be deleted.

【How to delete the Route】



1. Click on "Map Settings"
2. Click on "X"
3. Click on "Save"

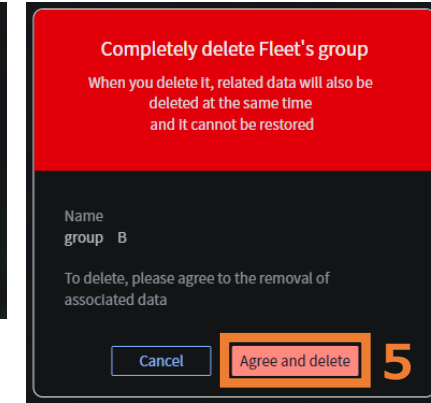
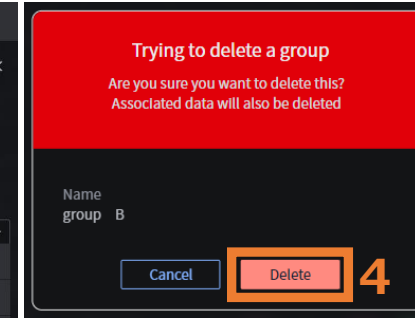
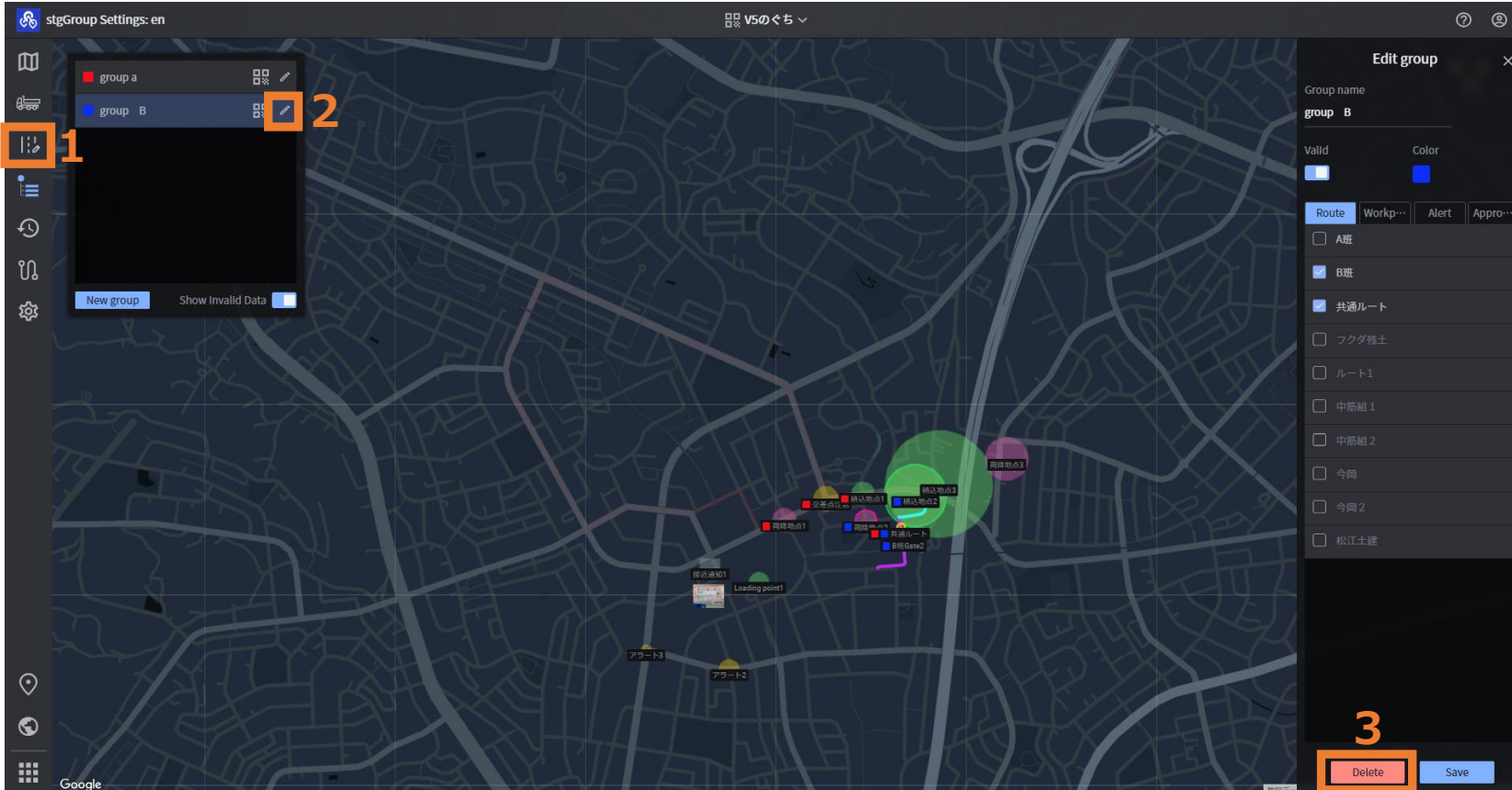
【How to delete the Workplace】



1. Click on "Map Settings"
 2. Choose the "Workplace" tab
 3. Click on "X"
 4. Click on "Save"
 5. Click on "Delete"
 6. Click on "Agree and delete"
- When deleting a Workplace, **any work history registered at that site will also be deleted.**
If you want to keep the work history, please consider using the **valid/invalid** toggle function.

When deleting a work site or a group, please note that associated data will also be deleted.

【How to delete the Group】



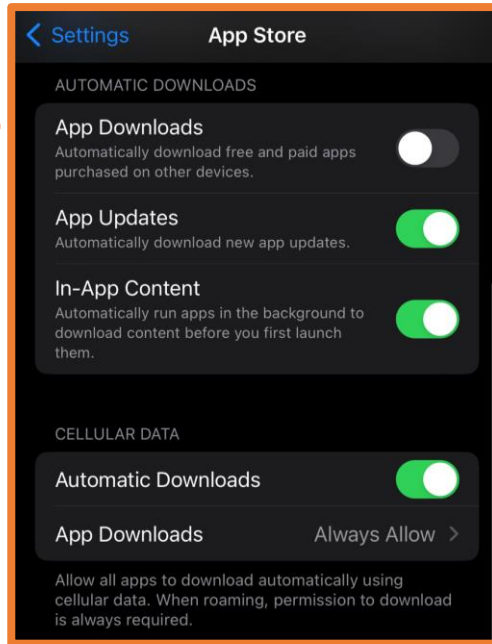
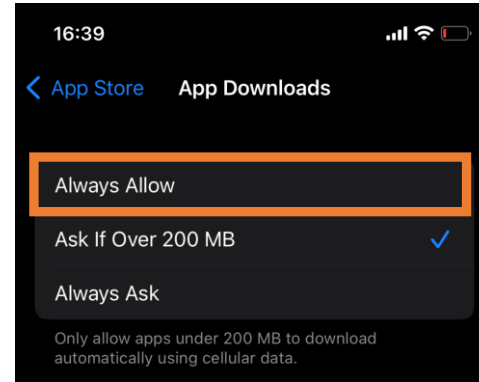
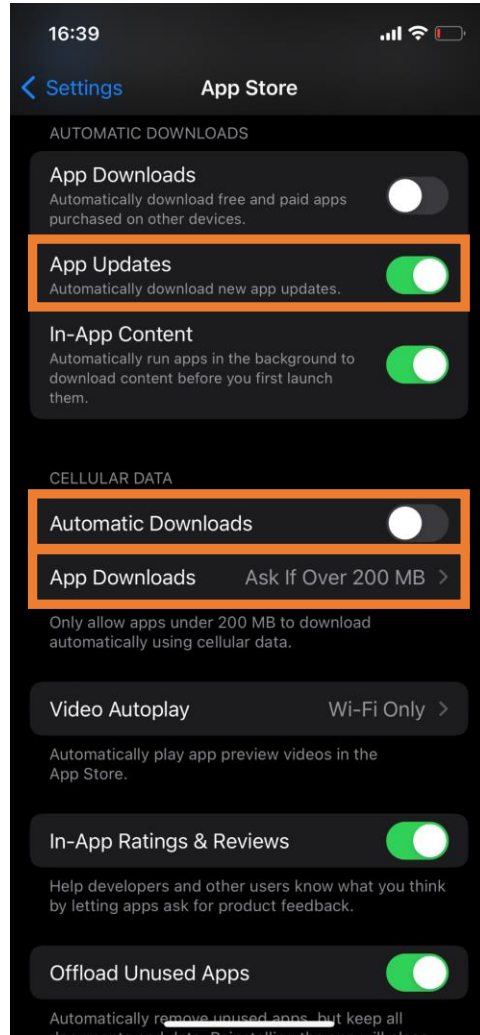
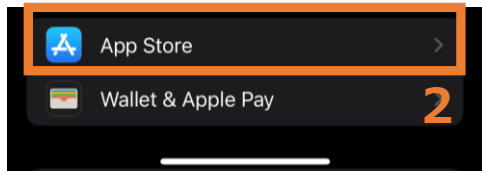
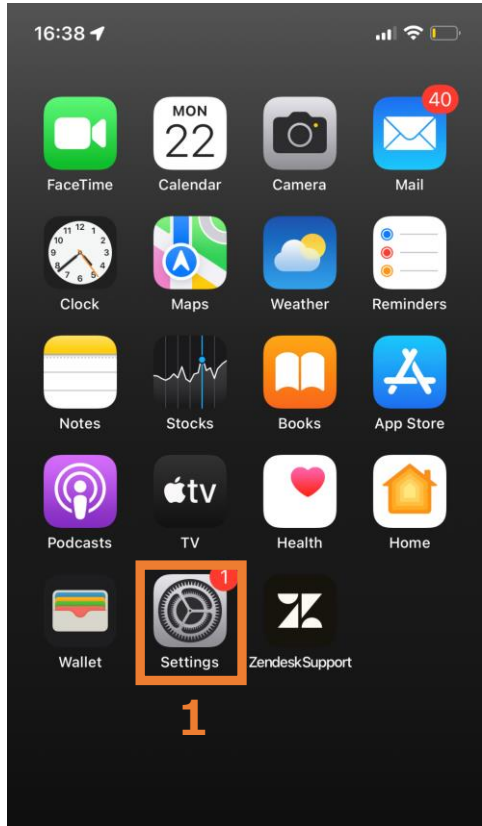
1. Click on "Group Settings"
 2. Click on the Edit icon
 3. Click on "Delete"
 4. Click on "Delete"
 5. Click on "Agree and delete"
- Deleting a group will **remove the group information from associated work and travel history.**

If you want to keep group information, consider using the **valid/invalid** toggle feature.

If a group to which the logged-in vehicle belongs is deleted, the vehicles that belonged to that group will **automatically switch to belonging to all groups.**

Appendix

On iPhone, by pre-setting the following, the app will be automatically updated via mobile data when updated in the store.



✓ Android devices may have different settings menus depending on the manufacturer

1. Open the "Settings" app
2. Tap on "iTunes & App Store"
3. Turn on "App Updates"
4. Turn on "Automatic Downloads"
- If this option is turned off, automatic updates will only occur when connected to Wi-Fi.
5. Tap on "App Downloads"
6. Choose "Always Allow"
7. Setting is finished