Whiz New Functions

SW 1.14.28 Version
Release Note

THANK YOU FOR USING OUR AI **CLEANING COBOT WHIZ**. BRAIN OS (VER1.14.28) INCLUDES UPDATES AS FOLLOWS:

NEW FUNCTIONS

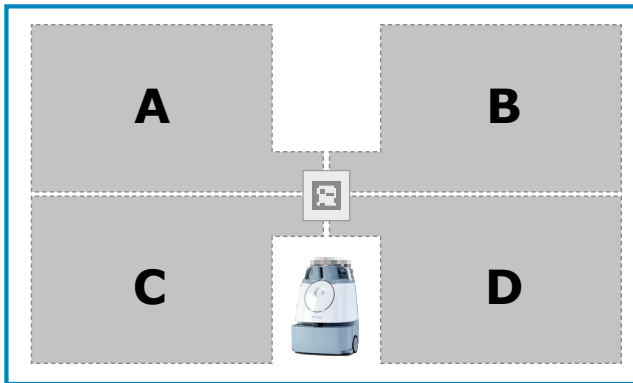- Route Sequencing
- Delay Start
- Home Position Check

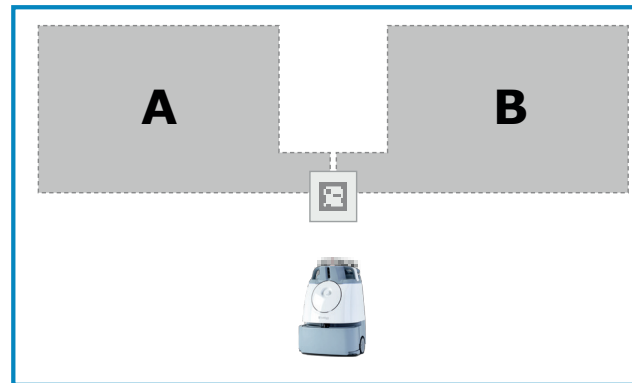**HOW TO UPDATE**

SoftBank
Robotics

Route Sequencing Function (1/4)

This function will allow the user to select multiple routes to be cleaned consecutively.
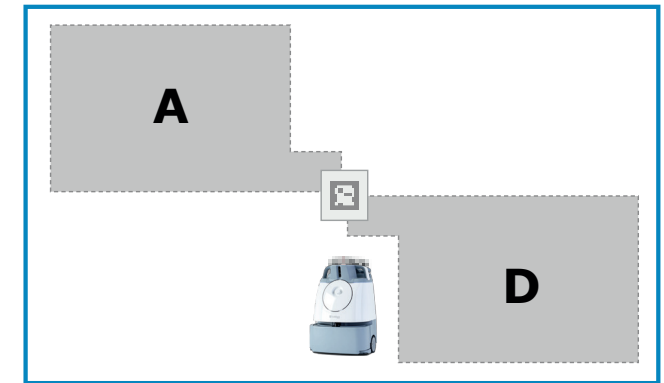
4 routes created by Whiz with the same HLC.

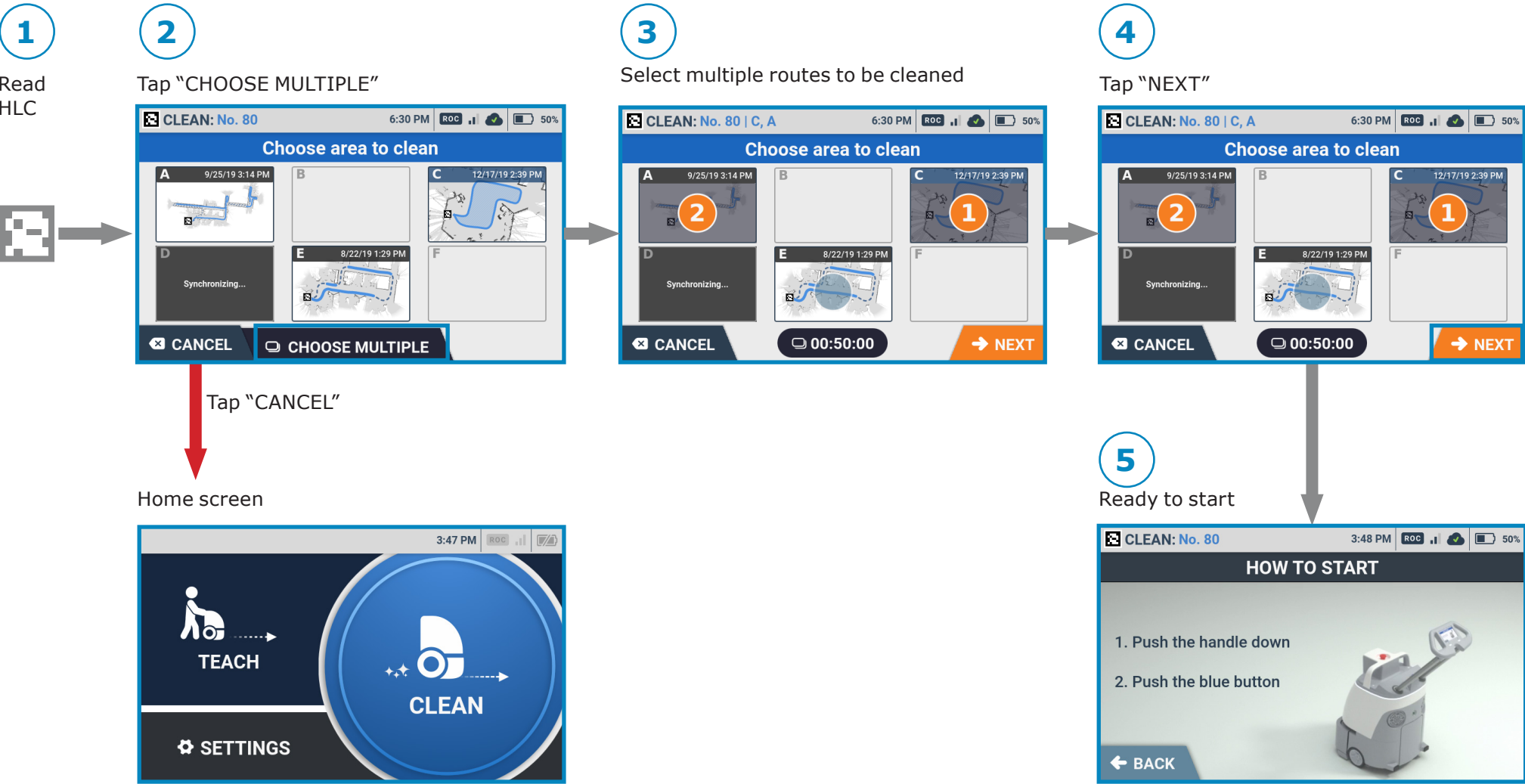When route A & B are selected

When route A&D are selected

TIPS

- Up to 6 routes can be cleaned consecutively (Routes created by Easy Setup and normal teaching mode can be combined).

- User will be notified by pager when cleaning of all selected routes were completed.

- On the Whiz Connect, user will be notified each time a route is completed.

- You can only select routes within the same HLC.

Route Sequencing Function (2/4)

UI Flows for Route Sequencing Function:

1 Read HLC

2 Tap "CHOOSE MULTIPLE"

Tap "CANCEL"

Home screen

3 Select multiple routes to be cleaned

4 Tap "NEXT"

5 Ready to start
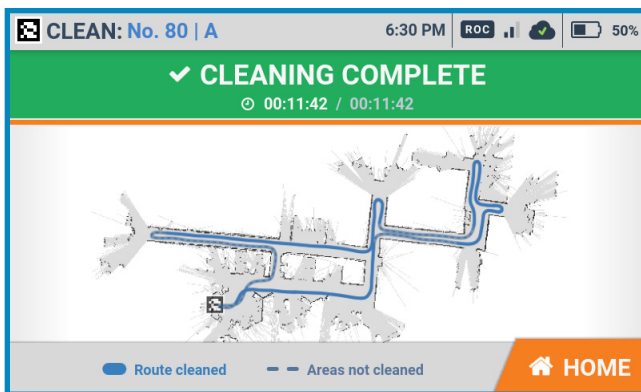
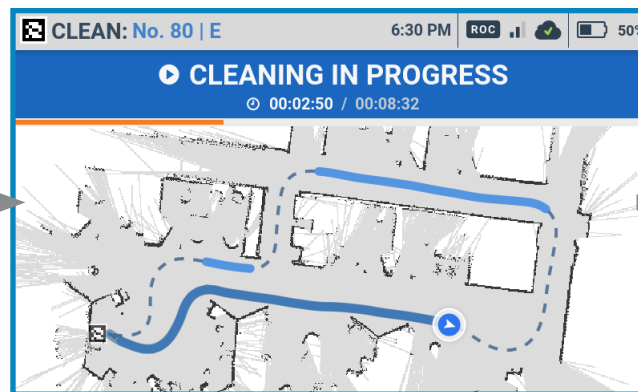# Route Sequencing Function (3/4)

The images below show what will be on the display screen during autonomous cleaning:

When the 1st route is finished   When the 2nd route is finished

1ˢᵀ ROUTE   **2ᴺᴰ ROUTE**   **3ᴿᴰ ROUTE**
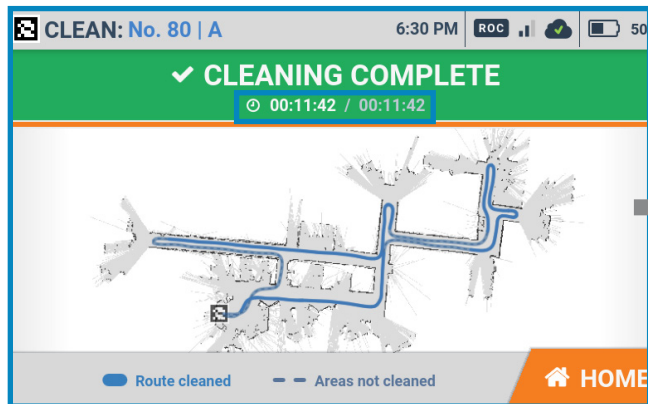
AFTER THE CLEANING OF A ROUTE FINISHES, THE **NEXT ROUTE MAP** WILL BE DISPLAYED.

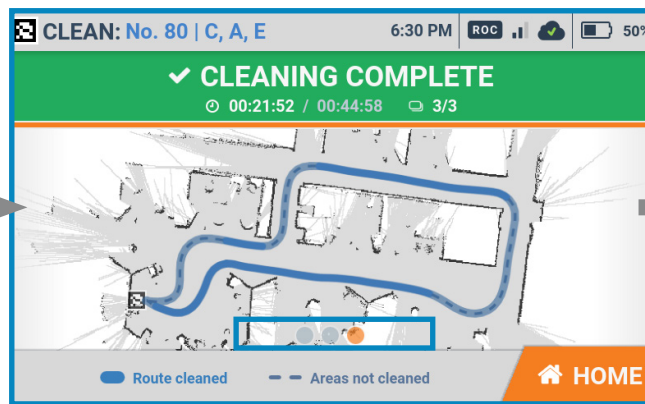# Route Sequencing Function (4/4)

Cleaning Complete Screen of Route Sequencing

After finishing all the routes, the last route information will be displayed
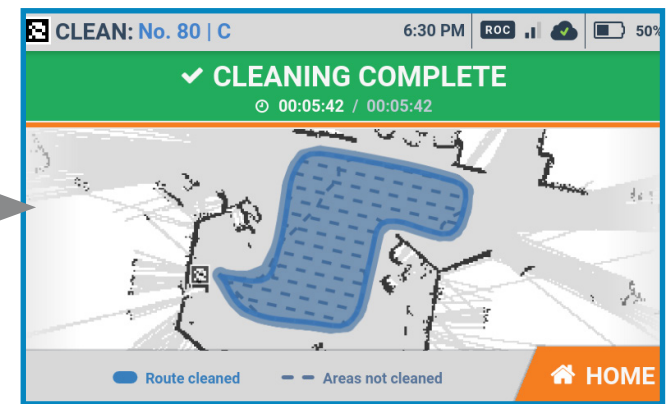
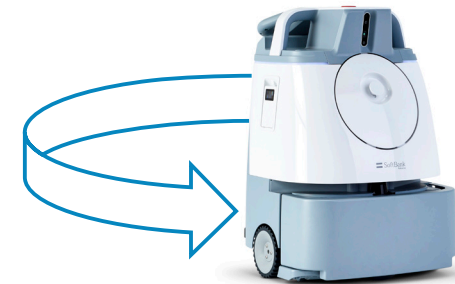Results of the other routes can be displayed by swiping the screen.

1ST ROUTE

2ND ROUTE

3RD ROUTE

Delay Start Function (1/3)

This function will allow the user to be able to set a desired time delay for a machine to start autonomous cleaning.
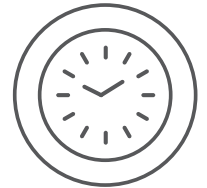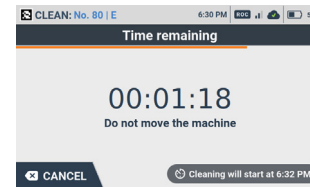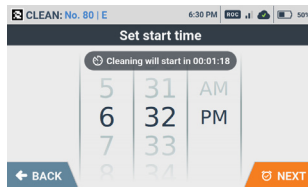
STEP 1.)

After scanning the home location code, click "delay" in the "How to Start" Display. Then choose the time you want Whiz to delay start.

STEP 2.)

Whiz will countdown until it reaches the time it was set. Please do not move Whiz from its position.

STEP 3.)

When the time comes, Whiz will automatically start autonomous cleaning without any assistance.

TIPS

Multiple routes can be set up by using the route sequencing function.

If you no longer want to delay your starting time, press the blue button to start right away.

You can hot swap the main battery after setting the timer.

LIMITATION

The time must be set between 10 seconds and 7 hours.

When the "Battery is too low" alert is displayed after the timer has been set, the autonomous cleaning "Pausing" screen will be shown but the autonomous cleaning will not start.

Delay Start Function (2/3)

UI Flows for Delay start Function:

BACK

HOW TO START
1. Push the handle down
2. Push the blue button

BACK | DELAY

DELAY →

Make sure the battery is fully charged before proceeding.

CANCEL | CONFIRM

← **CANCEL**

CONFIRM →

Set start time
Cleaning will start in 00:01:18
5 31 AM
6 32 PM
7 33
BACK | NEXT

NEXT →

Time remaining
00:01:18
Do not move the machine
CANCEL | Cleaning will start at 6:32 PM

Set start time (8:30 AM)
⚠ Start time must be less than 7 hours from now (10:01:18)
5 31 AM
6 32 PM
7 33
BACK | NEXT

More than 7hrs

CANCEL

NO

Time remaining
Are you sure you want to **CANCEL** this route?
NO | YES - CANCEL
CANCEL | Cleaning will start at 6:32 PM

YES - CANCEL →

TEACH
CLEAN
SETTINGS

Delay Start Function (3/3)

After setting the timer, a message will pop up to confirm that the battery is fully charged.
This is not a battery check, it is just a warning screen.
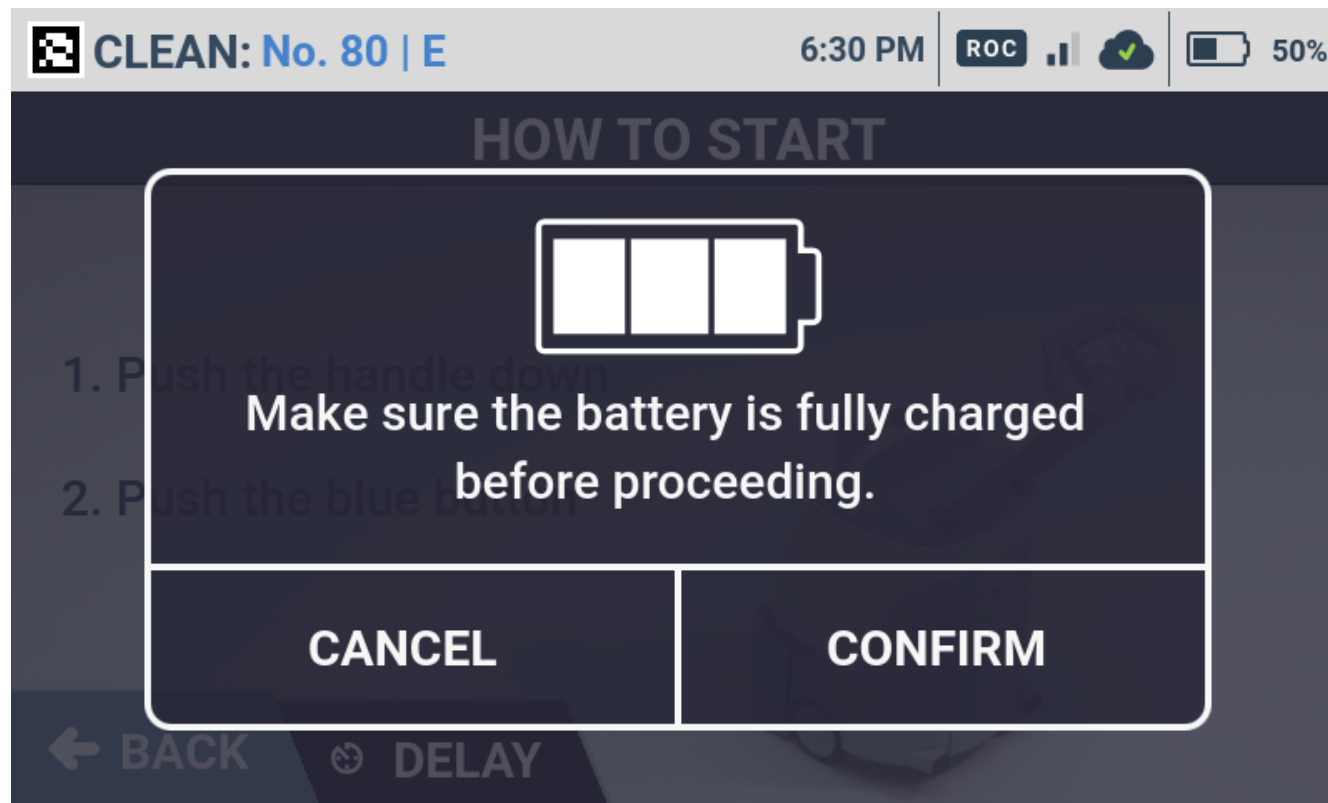
Home Position Check Function (1/3)

This function will request you to re-scan the Home Location Code (HLC), if the machine was moved after scanning HLC the first time.
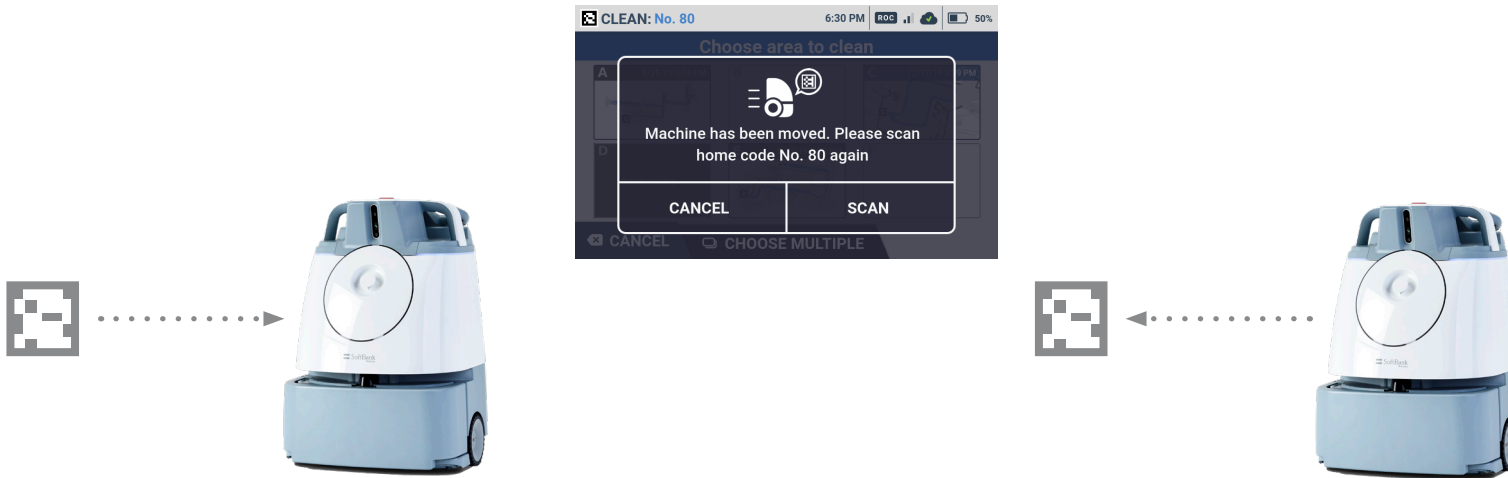
STEP 1.)

When Whiz is accidentally moved after it scans the HLC, a message will appear to request the user to rescan the HLC.

STEP 2.)

If you click "scan" and re-scan the HLC, the machine will then commence cleaning from the beginning of the route.

TIPS

- The function will be triggered when the camera no longer can see the HLC in cases such as:
- HLC was moved
- HLC was hidden
  (ex.) When a man stands in front of the HLC for more than 3 sec

Home Position Check Function (2/3)

UI Flows for Home Position Check:

"YES" to read HLC again

BACK

NO

YES

Home Position Check Function (3/3)

UI Flows for Home Position Check using Delay Start:
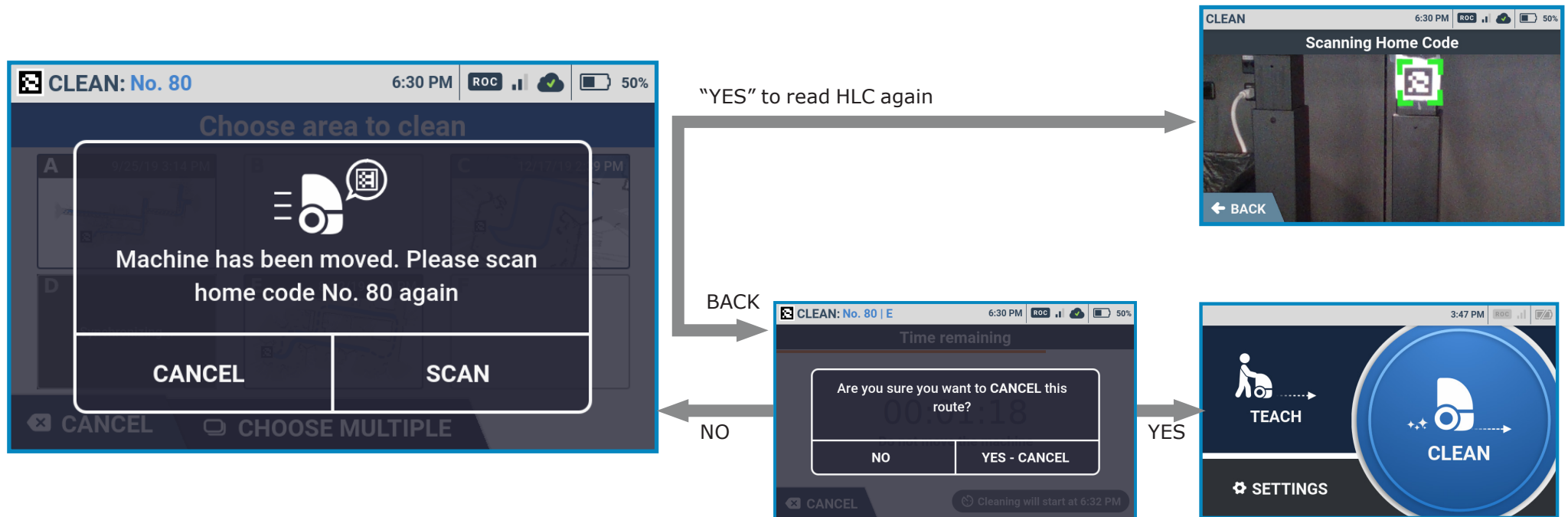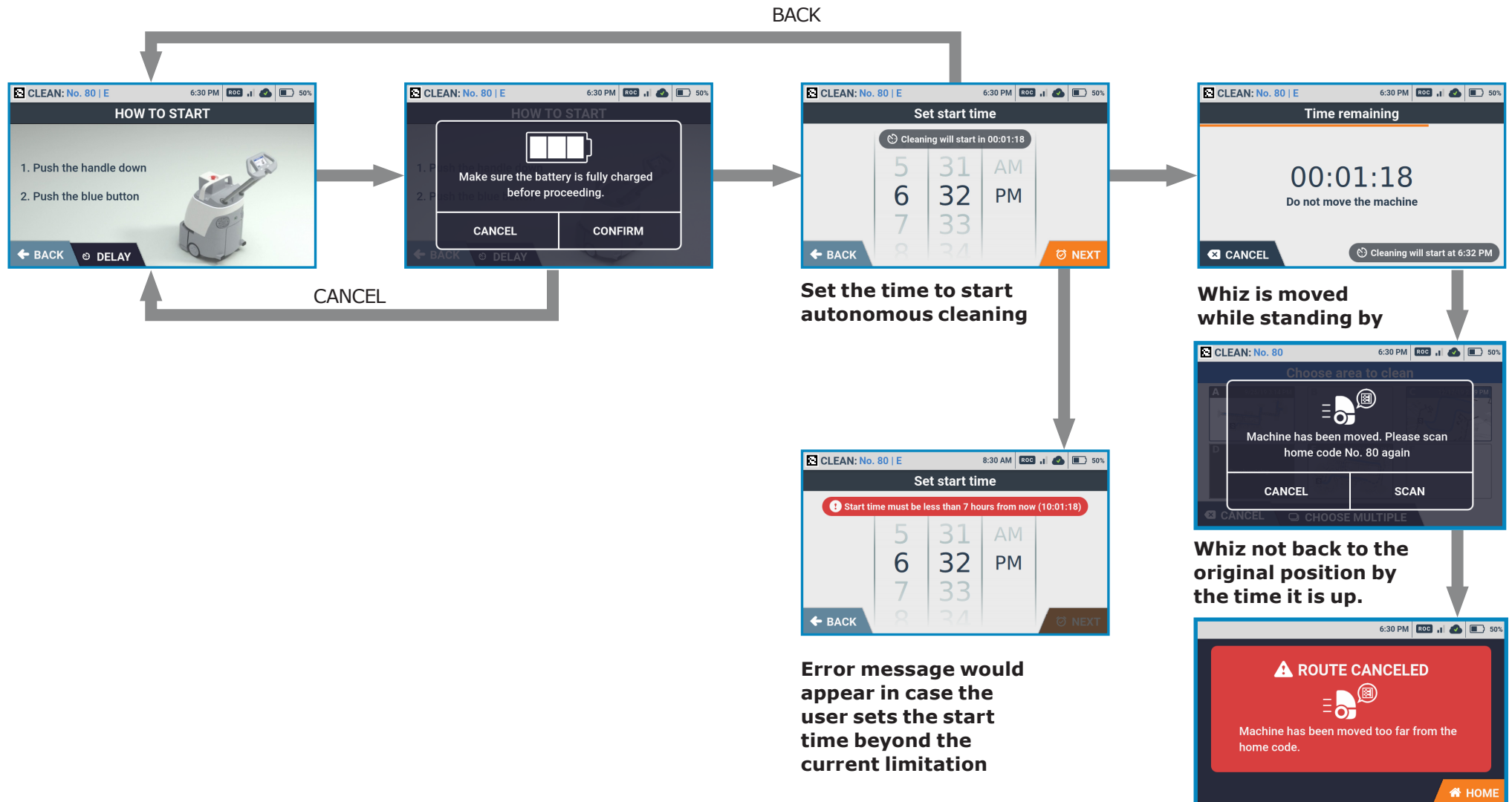
BACK

CLEAN: No. 80 | E — 6:30 PM — 50%
HOW TO START
1. Push the handle down
2. Push the blue button

BACK | DELAY

CLEAN: No. 80 | E — 6:30 PM — 50%
HOW TO START
Make sure the battery is fully charged before proceeding.

CANCEL | CONFIRM

BACK | DELAY

CANCEL

CLEAN: No. 80 | E — 6:30 PM — 50%
Set start time
Cleaning will start in 00:01:18

5   31   AM
6   32   PM
7   33

BACK | NEXT

Set the time to start autonomous cleaning

CLEAN: No. 80 | E — 6:30 PM — 50%
Time remaining
00:01:18
Do not move the machine

CANCEL | Cleaning will start at 6:32 PM

Whiz is moved while standing by

CLEAN: No. 80 | E — 8:30 AM — 50%
Set start time
⚠ Start time must be less than 7 hours from now (10:01:18)

5   31   AM
6   32   PM
7   33

BACK | NEXT

Error message would appear in case the user sets the start time beyond the current limitation

CLEAN: No. 80 — 6:30 PM — 50%
Choose area to clean
Machine has been moved. Please scan home code No. 80 again

CANCEL | SCAN

CANCEL | CHOOSE MULTIPLE

Whiz not back to the original position by the time it is up.

6:30 PM — 50%
⚠ ROUTE CANCELED
Machine has been moved too far from the home code.

HOME

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How to Update

1. Press the main power switch (I/O) to turn the Machine on (I).

2. When the Machine is connected to the Robot Operations Center (ROC), the download will start automatically. Please wait for download complete without turning the power off.

The download will take approximately one hour. The download may take several hours depending on the internet connection.

The Machine can be used during the download.

3. Turn the power off, then reboot.

Whiz may take up to a minute longer to rebooot whilst the update installs.

4. Check whether the software version has been updated to "1.14.28" by tapping the "**About**" tab on the "**Settings**" menu.