

User Guide for

Mucking Activity:

FMS Operator App





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Overview:

The FMS Operator App has been designed to accommodate various workflows, and this user guide specifically focuses on the mucking workflow. This comprehensive document is intended to guide users through the fundamental steps of utilizing the app for mucking activities. Below is an elaborate overview of the key functionalities covered in this guide:

Task Acceptance / Creation:

- Navigation: Learn how to navigate through the app's interface to start an assigned task or to create a new task.
- Task Details: Enter essential task information such as engine hours, location, etc.

Recording Information:

- Data Entry: Enter data to record pertinent details during the mucking activity, including destination location, material type, bucket counts, photo capture, and any notable observations.
- Sample Bag Information: Learn to capture sample bag data before completing the mucking task.

Delay and Downtime Tracking:

- Log Delays: Understand how to log delays or downtime incidents during mucking operations.
- Reason Codes: Familiarize yourself with the predefined reason codes for delays, ensuring accurate and consistent reporting.

Switching Tasks:

Task Transition: This feature seamlessly transitions between different mucking tasks.

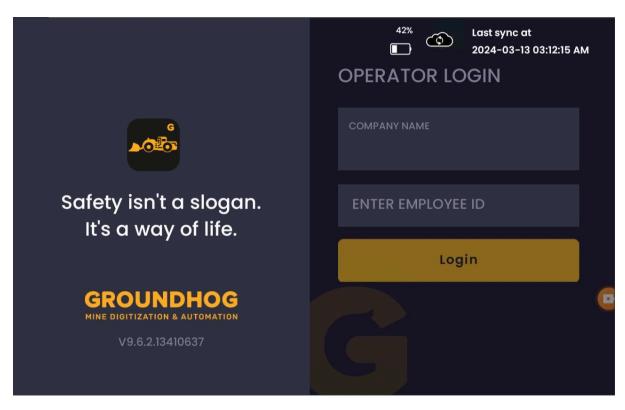
By following this user guide, operators can navigate the FMS Operator App seamlessly, ensuring a smooth and efficient mucking workflow while leveraging the full capabilities of state-of-the-art technology for enhanced productivity and data accuracy.



How to get started:

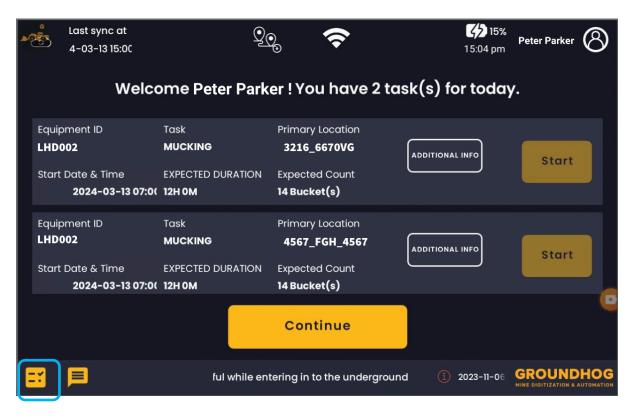
Task Acceptance/Creation

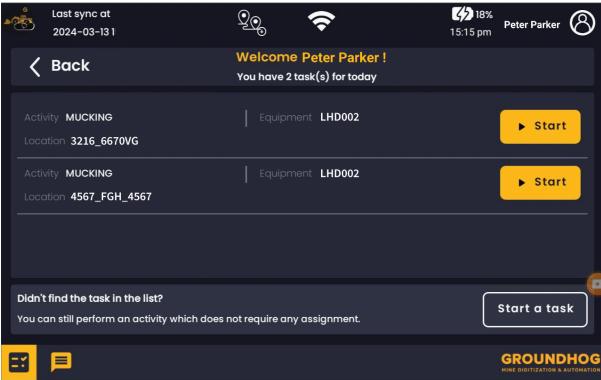
1. Login to the FMS UG Operator App with your ID.



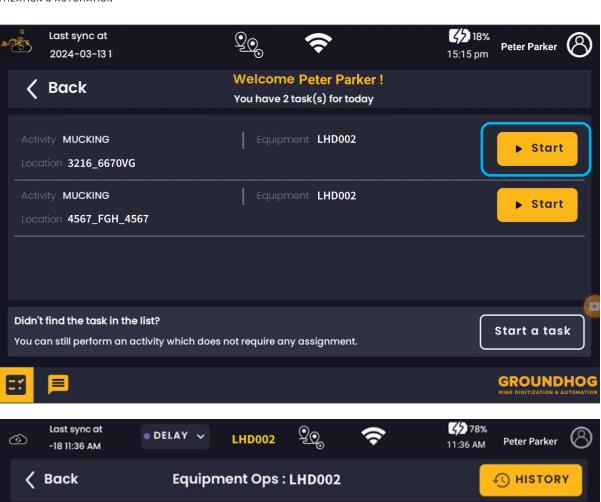
- 2. The task list screen is displayed. This screen presents all tasks assigned to the Operator.
 - a. Click on the task list button at the screen's bottom left corner. Another view of tasks will appear. Click "Start" on this screen.
 - b. Add engine hours.
 - c. The operator will be directed to the mucking activity screen.

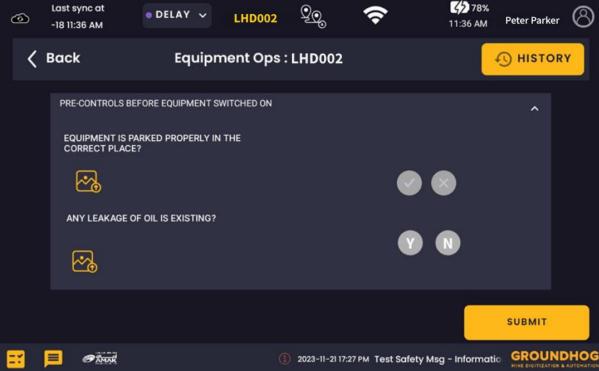




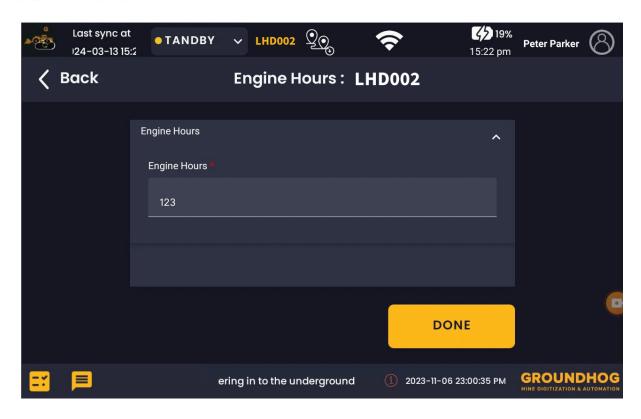


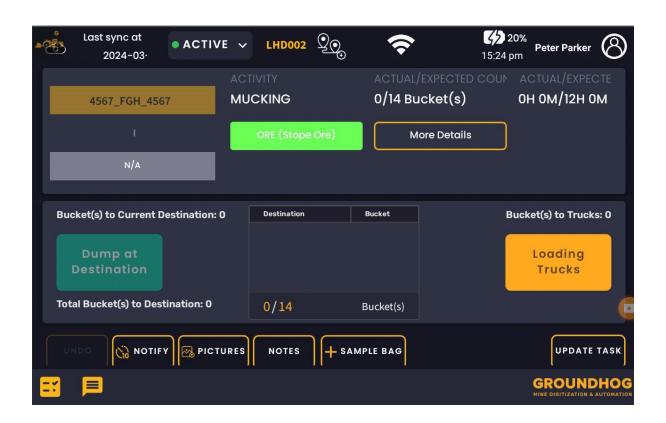








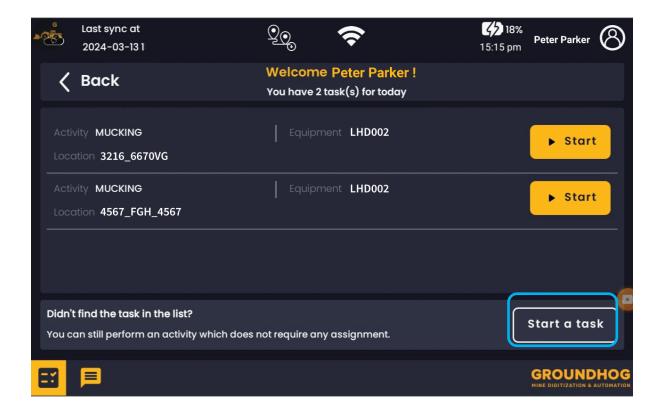




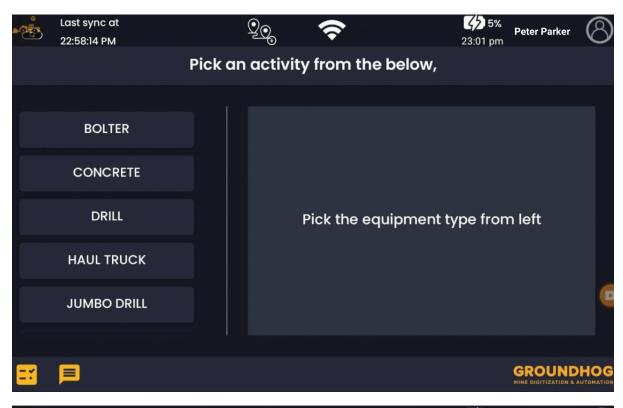


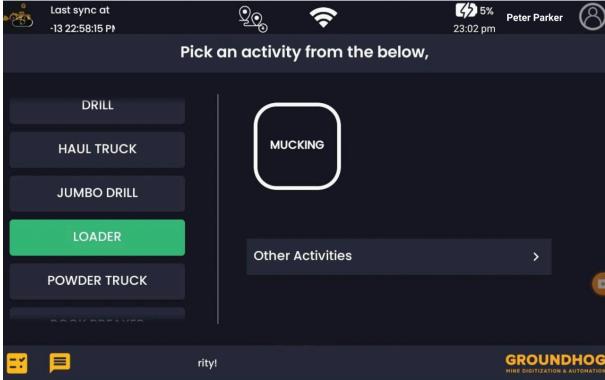
- 3. If no tasks are assigned or the Operator wants to do a task that is not listed, the Operator can initiate a task independently by clicking the "Start a Task" button. They will then proceed to:
 - a. Pick an activity.
 - b. Select the equipment type and activity type.
 - c. Input engine hours if applicable.
 - d. Choose the location where they will be working.

Following these steps, the Operator will be directed to the mucking activity screen to begin their assigned task.

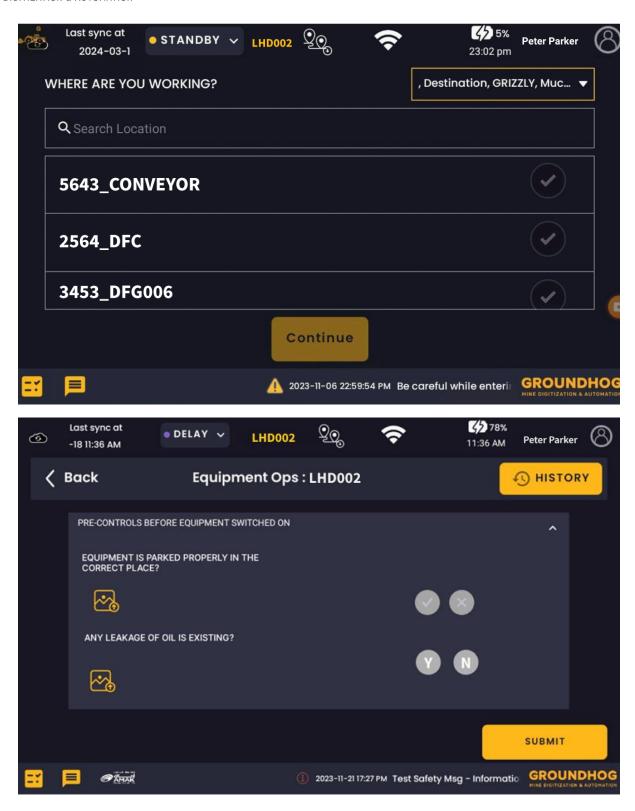




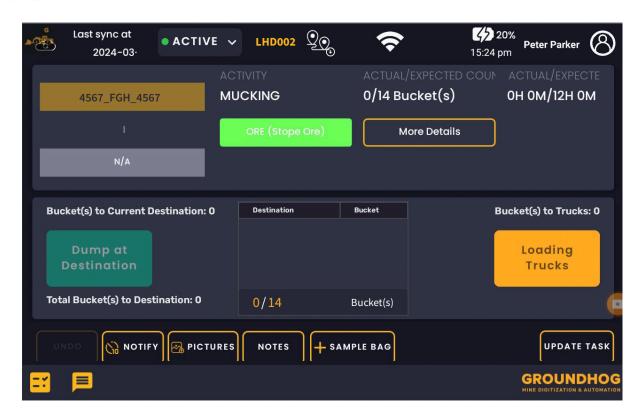












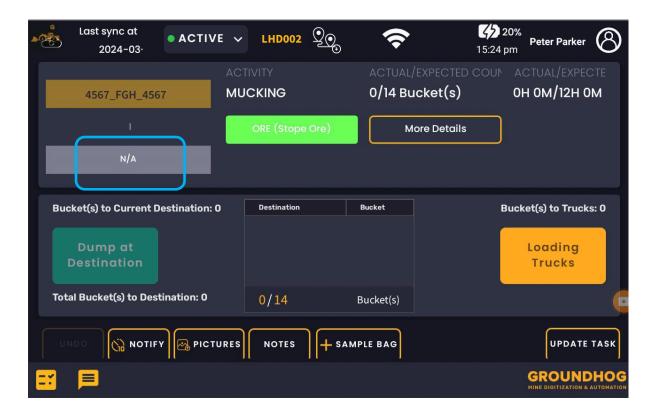


Recording Information:

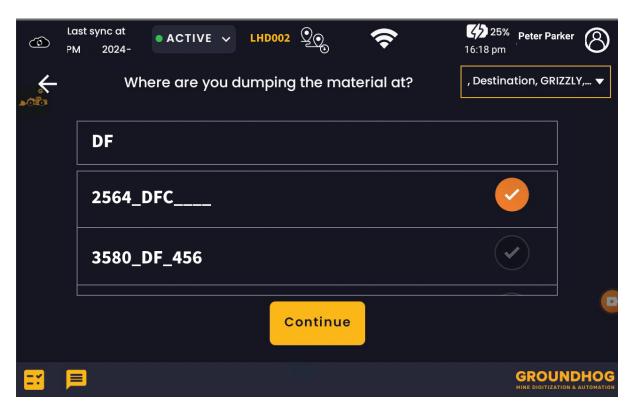
The Operator will be directed to the mucking activity screen to begin their assigned task.

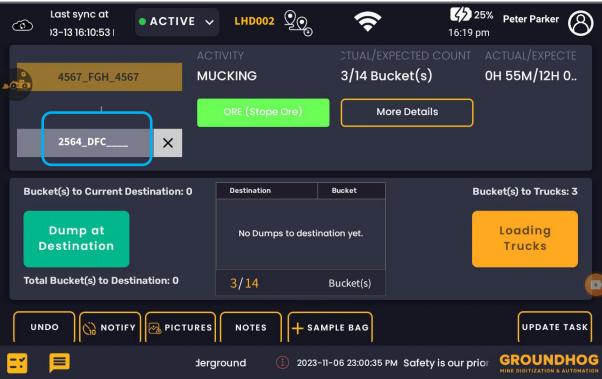
How to record dumping destination details:

The left side displays the source (top) and destination (bottom) locations. To modify the destination, the operator can click on the designated button.





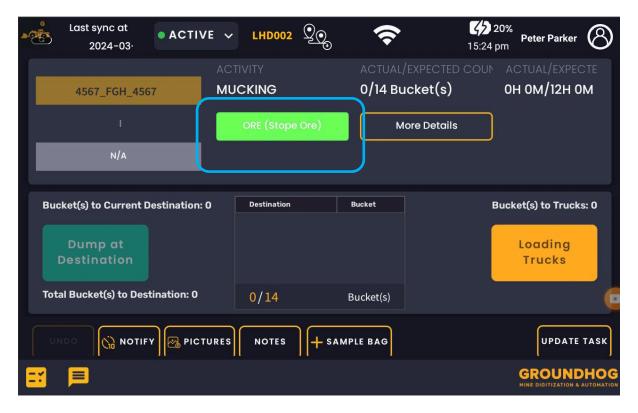




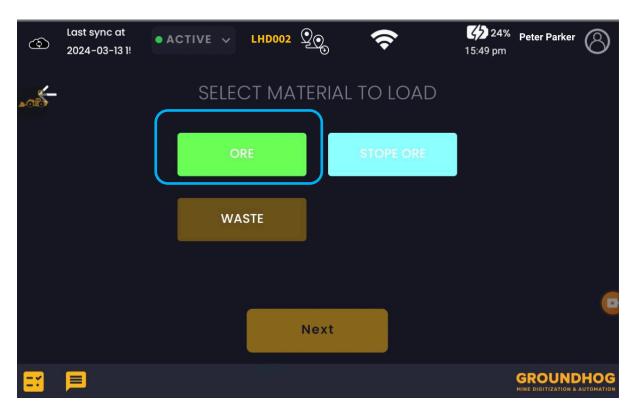


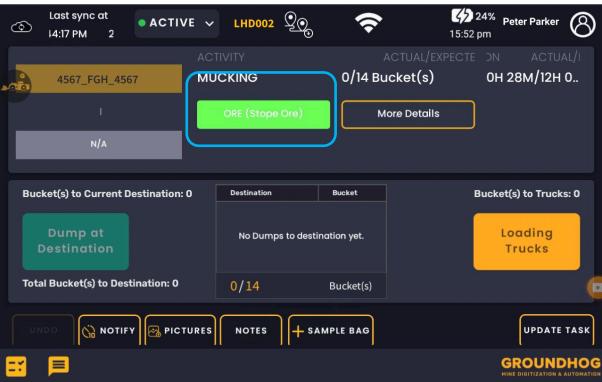
How to record material type:

The operator can adjust the material being handled by clicking on the "Material" button, referred to as "Stope Ore." This action will direct the operator to a screen where they can modify the material selection.





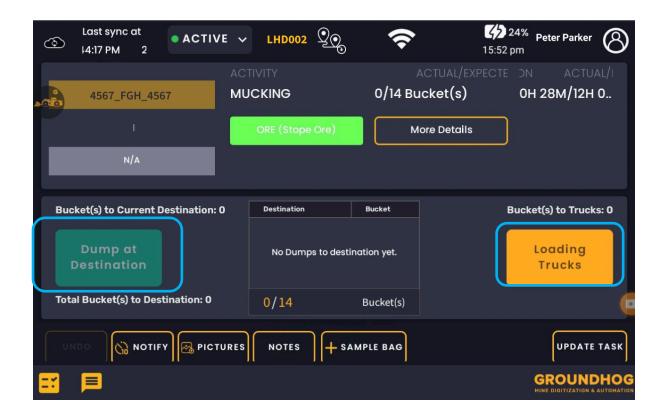






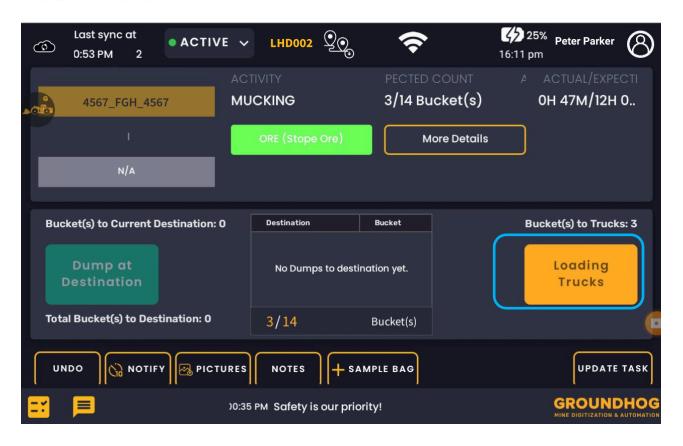
How to record bucket count:

Muckers load trucks or dump at the destination. To load, click "Loading Trucks;" to dump, click "Dump at Destination."



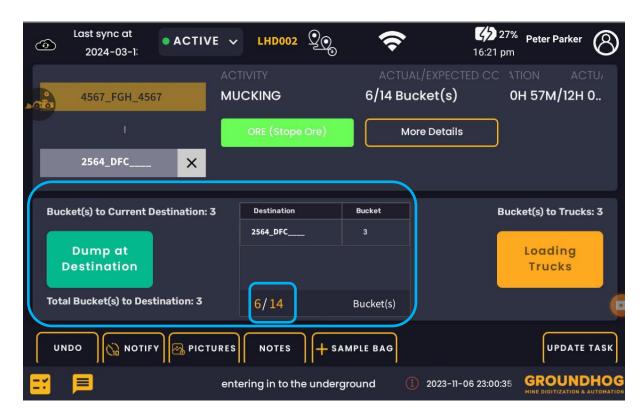
Select "Loading Trucks". This action will increment the number of buckets to trucks.





When dumping material, select "Dump at Destination". The operator can track the number of loaded or dumped buckets. If performing both activities, the total number of loaded and dumped buckets is displayed.

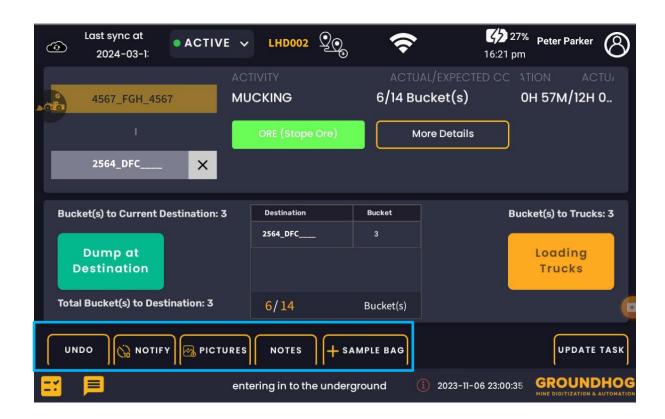




How to notify supervisors, take pictures, and read notes:

The operator can revert the bucket count, inform the Admin, capture images as proof of work or issues, access supervisor notes, and record sample bag details.



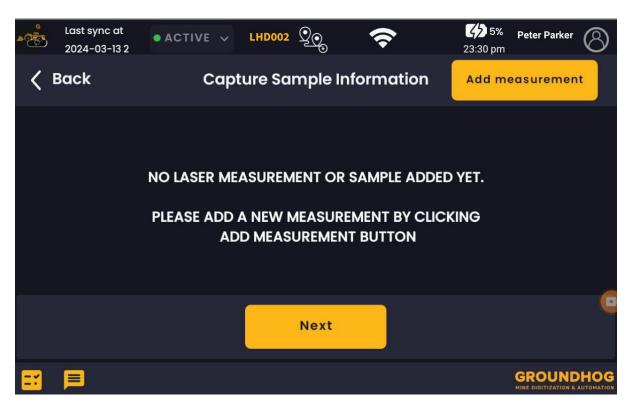


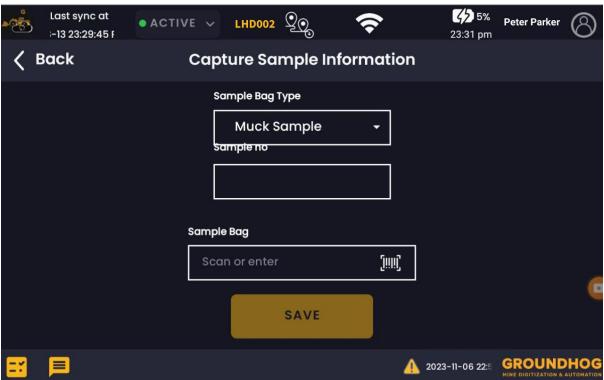


How to record sample bag information:

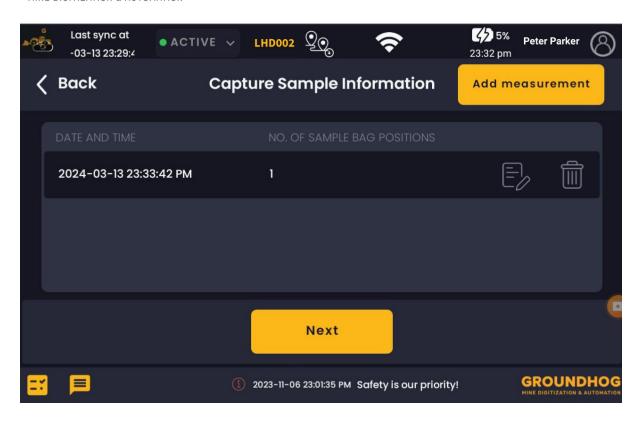
Before the mucking task is completed, operators need to collect sample bags and capture information in the app. Below is the flow for capturing sample bag information. Click on the "Sample Bag" option to proceed to the next screen.











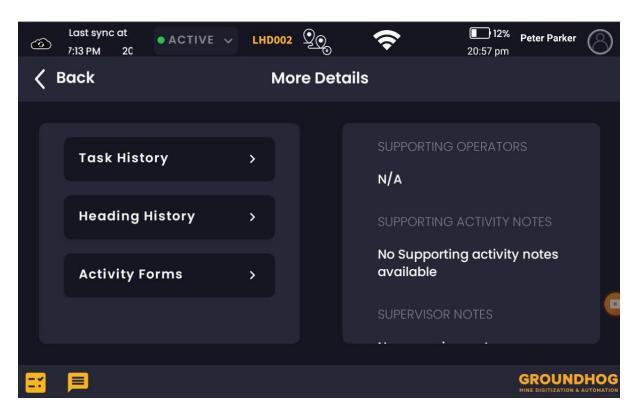


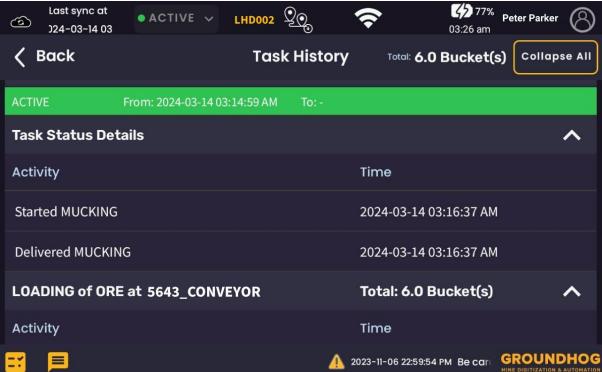
How to view Task History and Heading History and record task completion:

To access more details, including Task History, Heading History, or Activity Forms linked to the task, click "More Details." This screen also provides information about Supporting Operators involved in the task and any notes from the Supervisor. During task creation, notes from Supporting Operators, Supporting Activities, or the Supervisor can be added via the task OpsCenter.

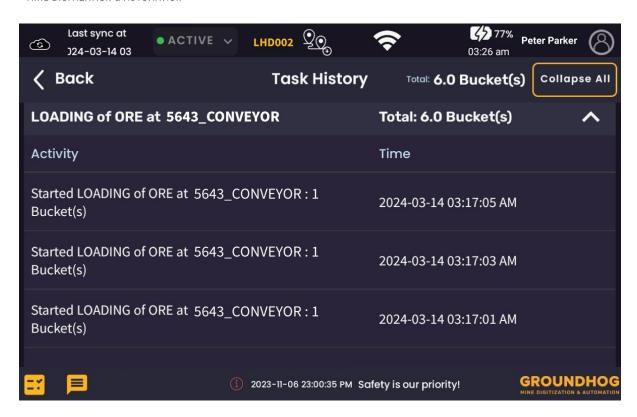
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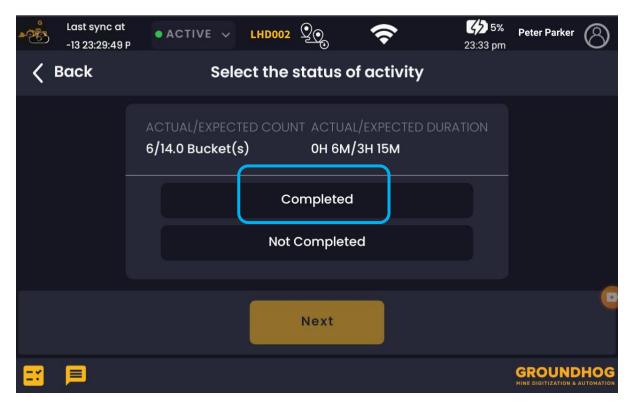




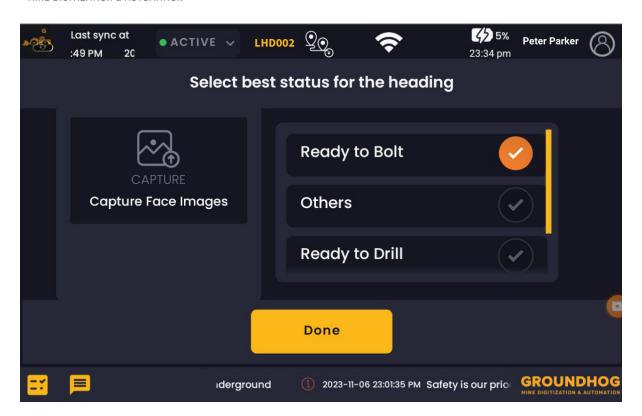




Once the Sample Bag Information is saved, the details will be displayed on the subsequent screen. To proceed with the task, click the back button, or alternatively, click the "Next" button to finalize the task and record its status.





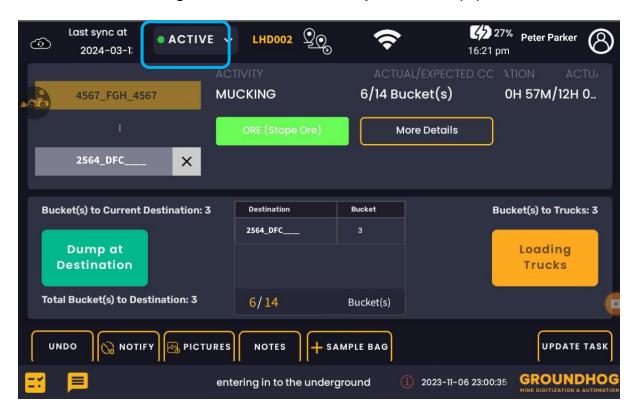




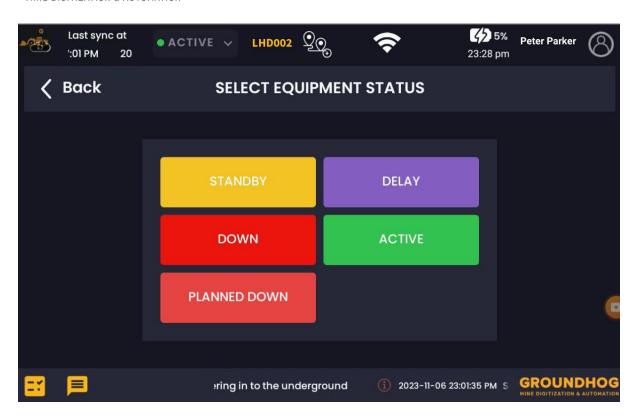
Delays and Downs Tracking:

How to log and view downs and delays:

If the equipment is not operational, the operator can select the "Active" status displayed on the header and change it to "DOWN" to accurately reflect the equipment's status.

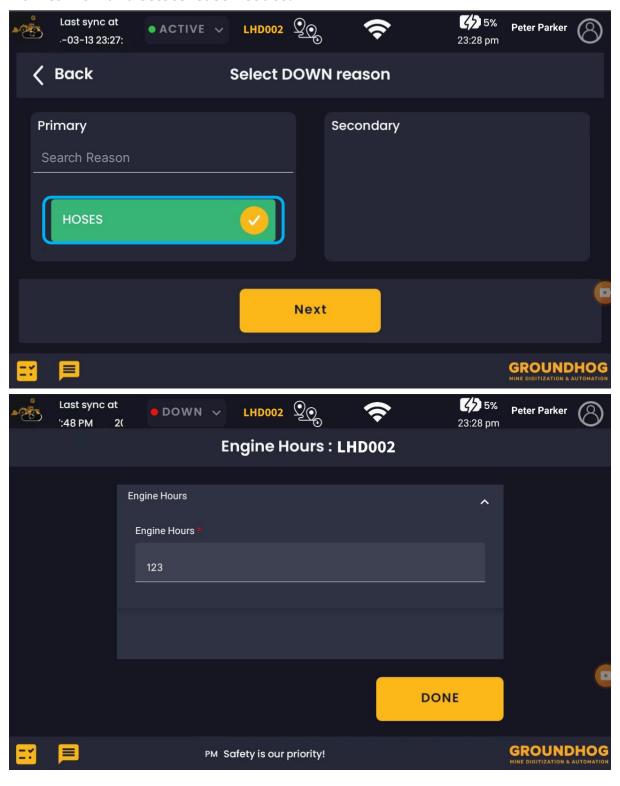




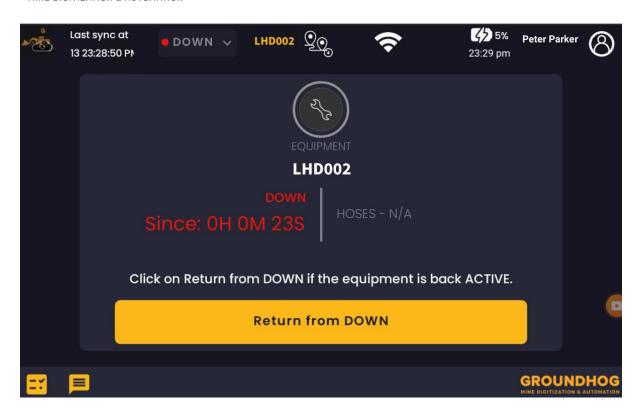




How to view and select reason codes:





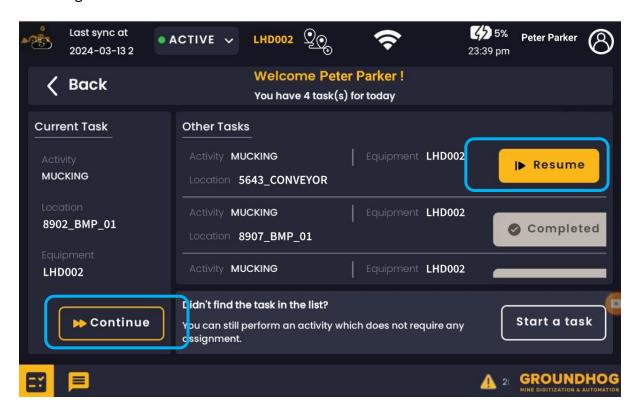




Switching tasks:

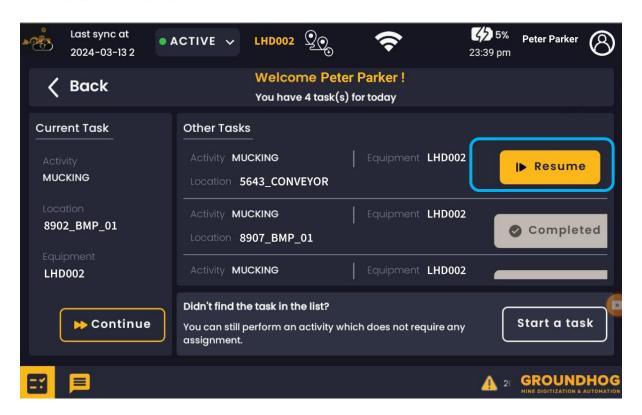
How to change/switch tasks:

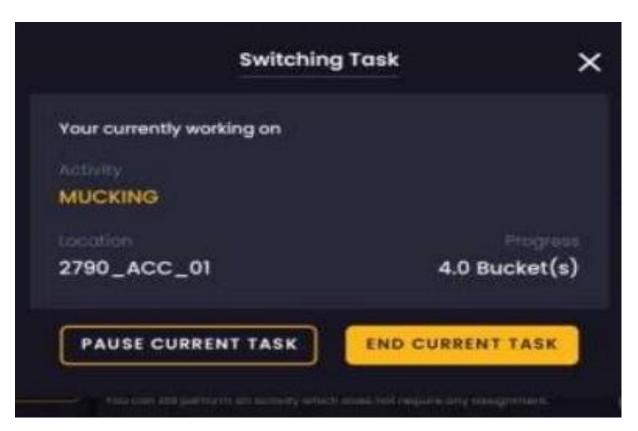
From the Task List screen, the operator can initiate a new task while still working on the current one. The current task is displayed on the left side of the screen. Clicking "Continue" allows the operator to proceed with the current task, while clicking "Resume" on the right side of the screen enables them to switch to that task.



When clicking "Resume," a popup will appear asking if you wish to pause or end your current task.









Communication Protocol

GroundHog has implemented a three-tiered communication protocol to establish a structured and efficient communication framework. Each level addresses specific aspects of support and management, ensuring that concerns are addressed promptly and effectively.

Level 1: Site Support: At the foundation of our communication protocol is Level 1 - Site Support. This level primarily deals with on-site issues and immediately assists field operators and personnel.

Level 2: GroundHog Support Team: Level 2 is the GroundHog Support Team, the intermediate layer between on-site operations and higher management. This level focuses on resolving complex technical issues and providing advanced support.

Level 3: GroundHog Management: The apex of our communication protocol is Level 3 -GroundHog Management. This level involves high-level decision-makers and managers who oversee the entire operational landscape.

Our customer-first approach includes an extremely responsive Customer Service team, intuitive programs to accelerate adoption in the field, and transparent data to increase productivity.

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