MESSER
Gases for Life

NSC ONLINE™

What can it do for you?

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What is the National Scheduling Center Online?

- Website geared towards improving communications between customers and the National Scheduling Center
- Provides our customers with access to their account and delivery information
- Allows communications to occur at the user's convenience.

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What Can NSC Online Do For You?

- Eliminates close-call deliveries
- Allows you to place orders, give level readings and give working patterns without sitting on hold, being bounced around to different extensions or being called when you're busy.
- Provides access to delivery histories and telemetry information at your convenience.
- Allows access to MSDS sheets and conversion charts.

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What will NSC Online provide?

“One Stop Shop” for Our Customers

- Control of Account Information
  - Provide us with accurate Working Times and Access Times
    - Improved Working Patters = Greater Assurance of Supply
      - Gives planners a chance to make sure product is scheduled to your location for extra shifts
    - Accurate Access Times = Deliveries with less hassle
  - Contact Information
    - Leads to improved communications

More Accurate Info = Greater Reliability of Supply

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What will NSC Online provide?

- Control of Account Information (cont'd.)
  - Level Readings
    - More accurate forecasted refill dates which results in a greater assurance of supply
    - Data entered at the customers' convenience -not when the phone rings
  - Place Delivery Requests
    - E-mail confirmation of order placement

More Accurate Info = Greater Reliability of Supply

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What will NSC Online provide?

Ability to Track Deliveries and Usage Rates

- View Delivery Histories
  - Can download to Excel to compare to bills
  - Can use to track usage over a period of time
- View of Telemetry (if applicable)
  - Shows you a graph of your levels over a specified date range
  - Dial-out feature provides a “real time” reading
  - You can track usage rates between any given time period
    - Provides analysis between different shifts and/or lines running

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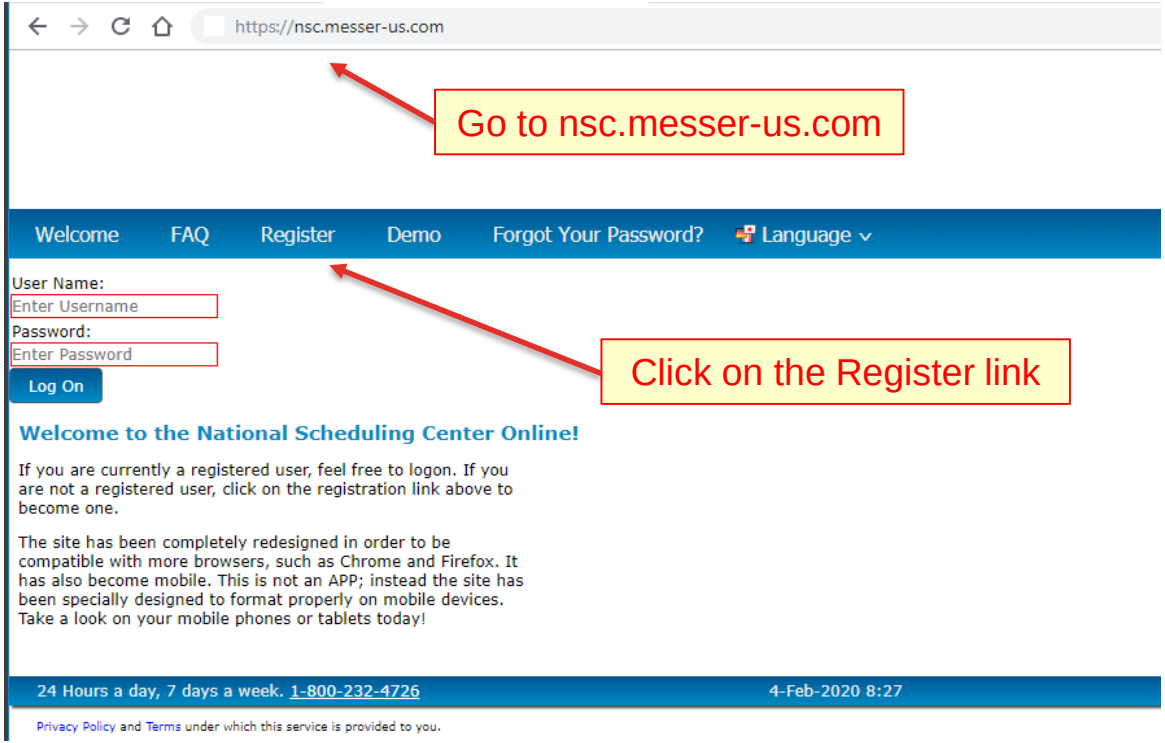
What will NSC Online provide?

Links to Other Useful Information

- Product Information
  - MSDS sheets for all products
- Conversion Chart
  - A table to show the conversions for each of Messer's bulk products between 1 US gallon and standard cubic feet (scf), pounds, scf per ton and scf per pound

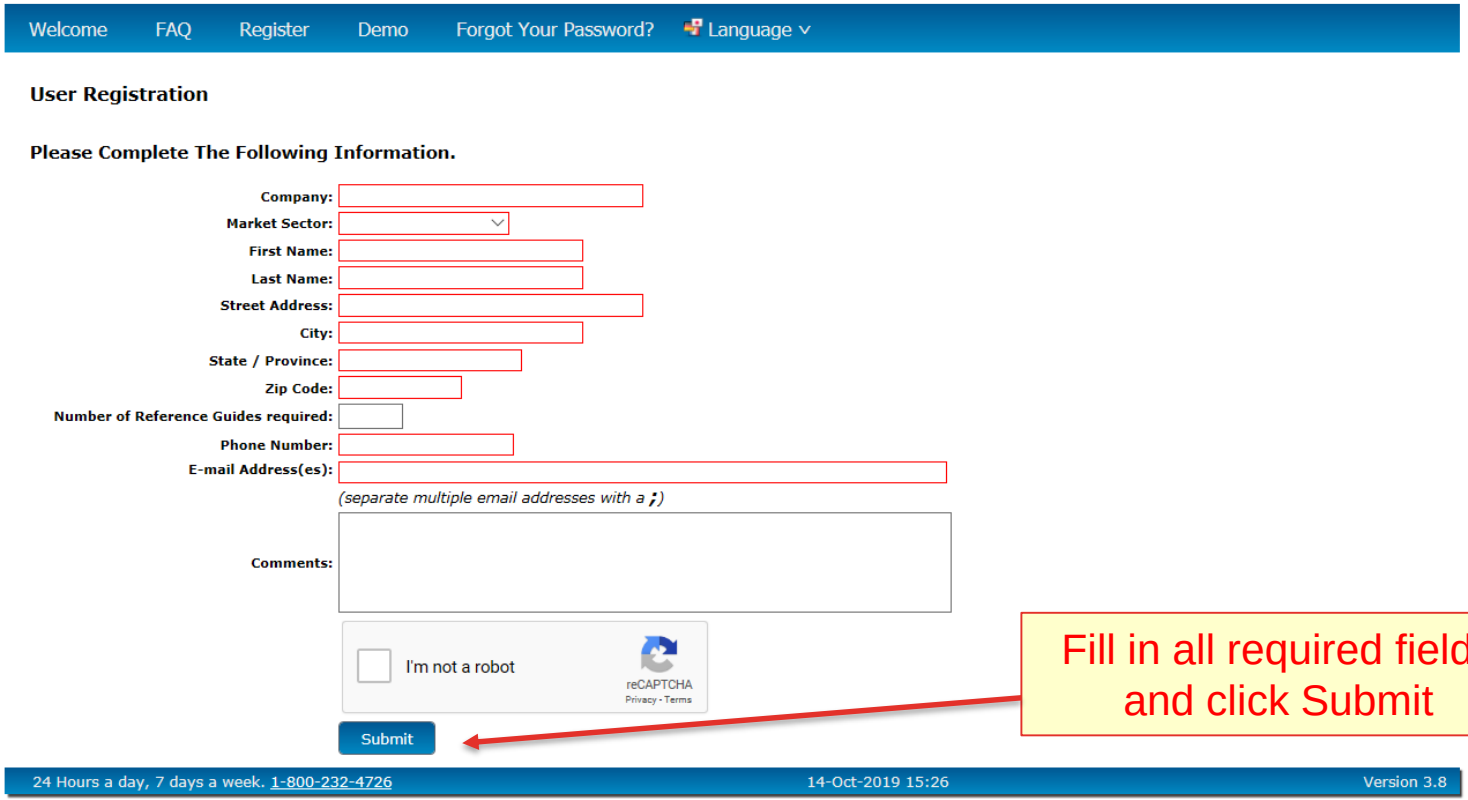
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Registration



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Registration



Fill in all required fields and click Submit

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Introduction E-mail

Welcome to National Scheduling Center Online!

To access the system follow the link: http://nsc.messer-us.com?&UID=d1e4b56e-a54a-44aa-a190-66b73ed6b63b

Your username is: DEMO

You have access to the following installations from this account:

0005138-S2: MESSER CARTERSVILLE STORAGE (3K) (LIN) - CARTERSVILLE, GA
0005138-S3: MESSER CARTERSVILLE STORAGE (QUEEN) (LIN) - CARTERSVILLE, GA

Use link to set up password

Please take full advantage of all the tools offered by NSC Online. Take some time to review your account information and update Messer with any changes in your working pattern schedule. You can also use the website to update us every week with any changes in your weekend working pattern. To do so, click on your account and choose Review Account Information. From this screen you will see what we have in the system as your working times. Any changes can be typed in the comment box to the right, and submitted to your distribution planner. Informing Messer of these production changes helps to ensure the security of your supply.

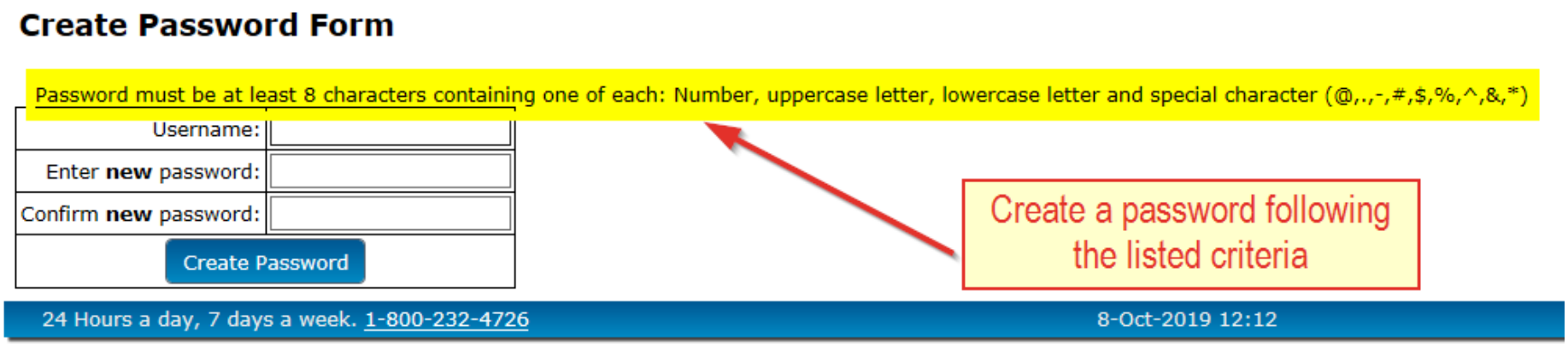
If your tank is equipped with telemetry, you can use NSC Online to view your telemetry, and obtain valuable information about your usage rates and working patterns. If your tank is not equipped with a telemetry unit, please enter your inventory levels daily on NSC Online. These daily tank levels help Messer to accurately forecast your usage and properly schedule deliveries to your facility. To enter a tank level, click on the account name and choose Enter Level Readings. If you want to enter level readings for more than one tank, you can click on the Installations menu, and choose Enter Level Readings, to access the level readings screen for multiple tanks. If you have any questions or concerns please call 1-800-232-4726.

Thank you for doing business with us!

Messer

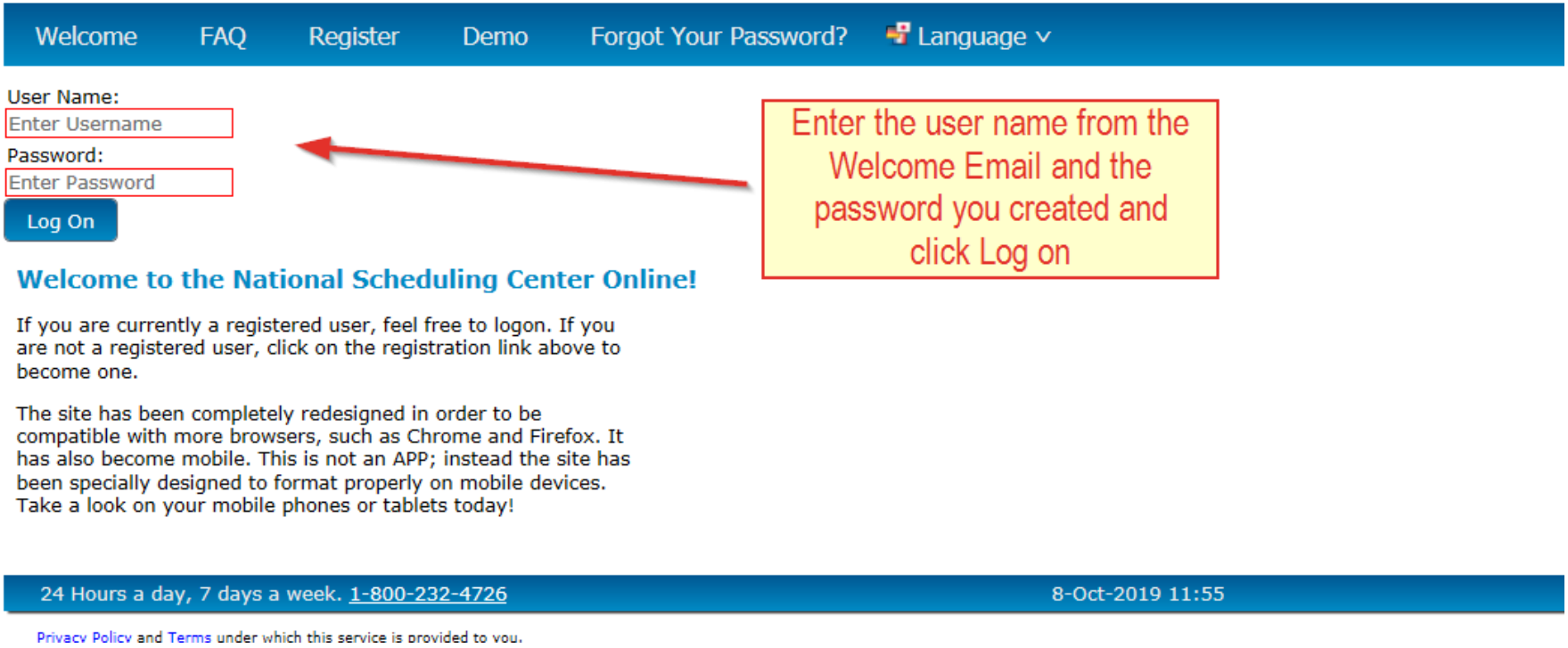
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Setting Up a Password



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Logging on to your Account



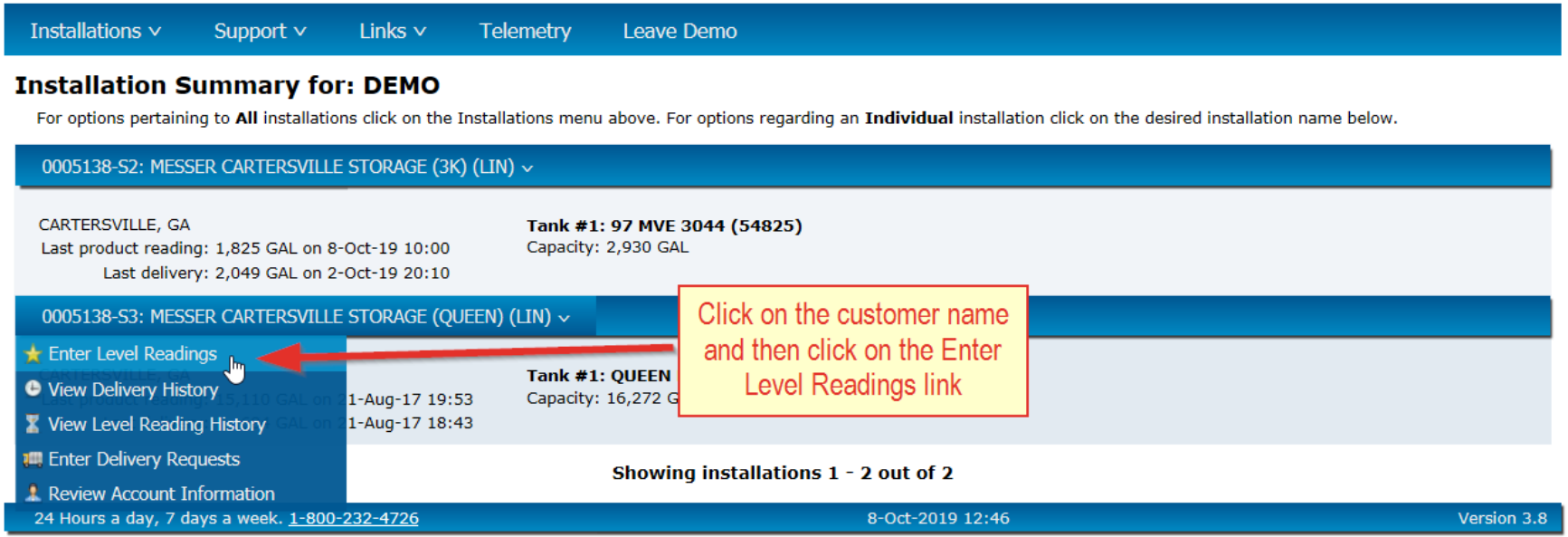
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Installation Summary



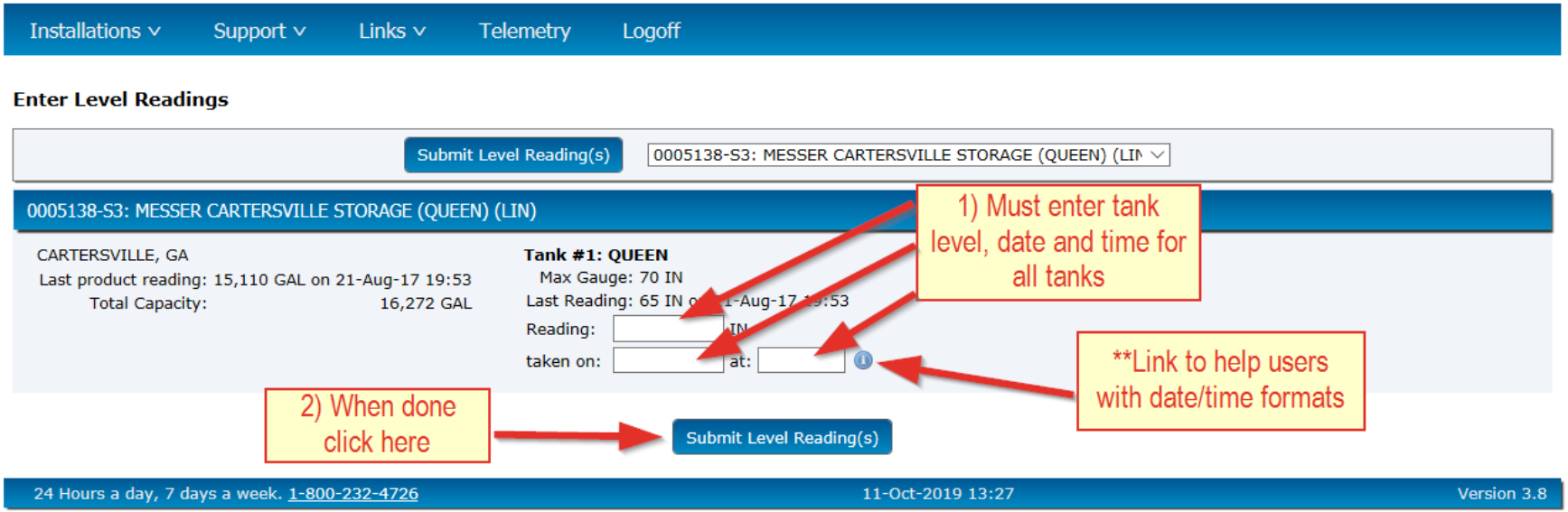
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Submitting Level Readings



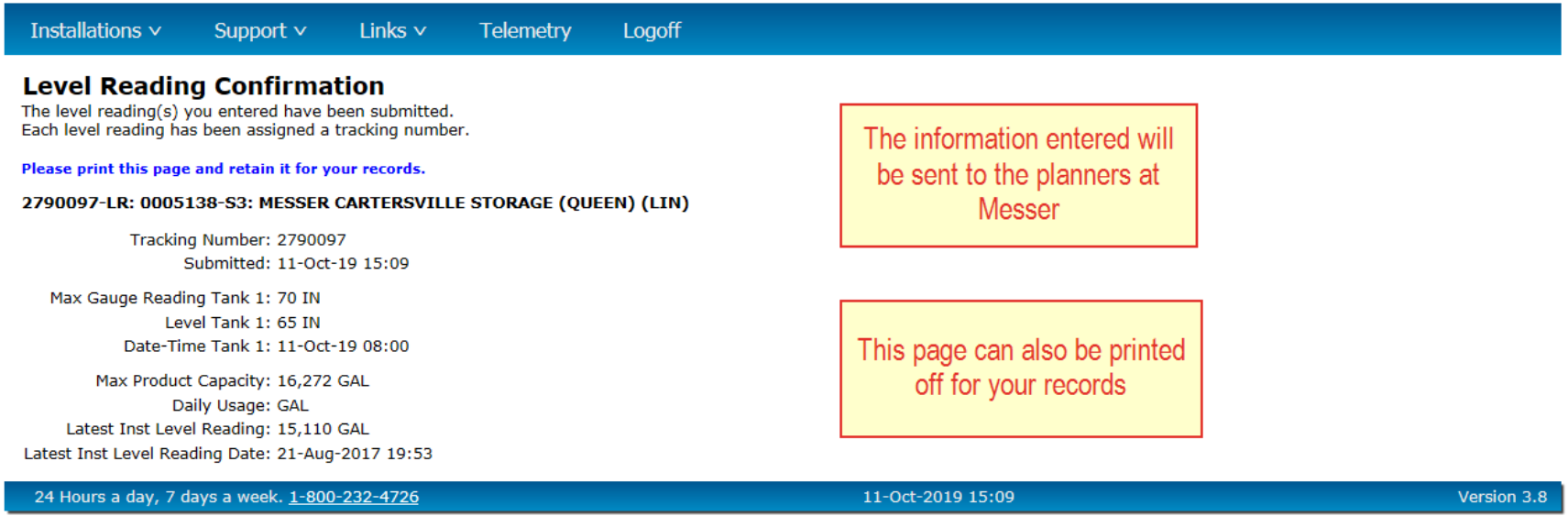
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Submitting a Level Reading



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Level Reading Confirmation

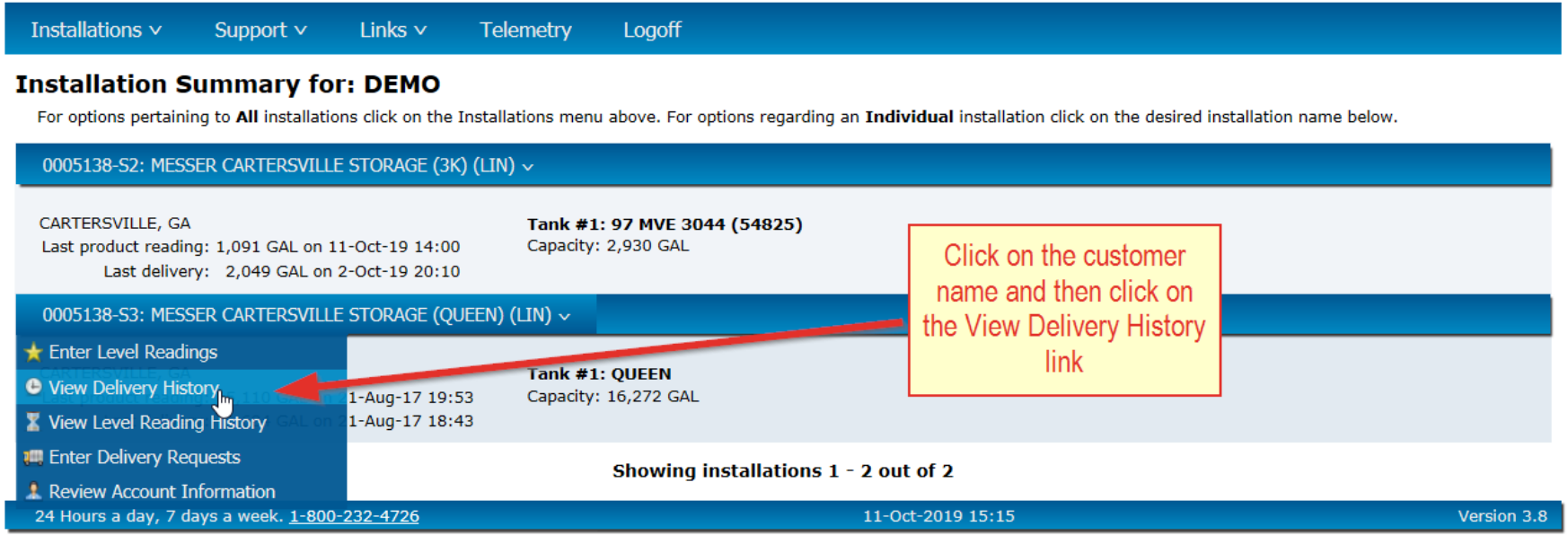


The information entered will be sent to the planners at Messer

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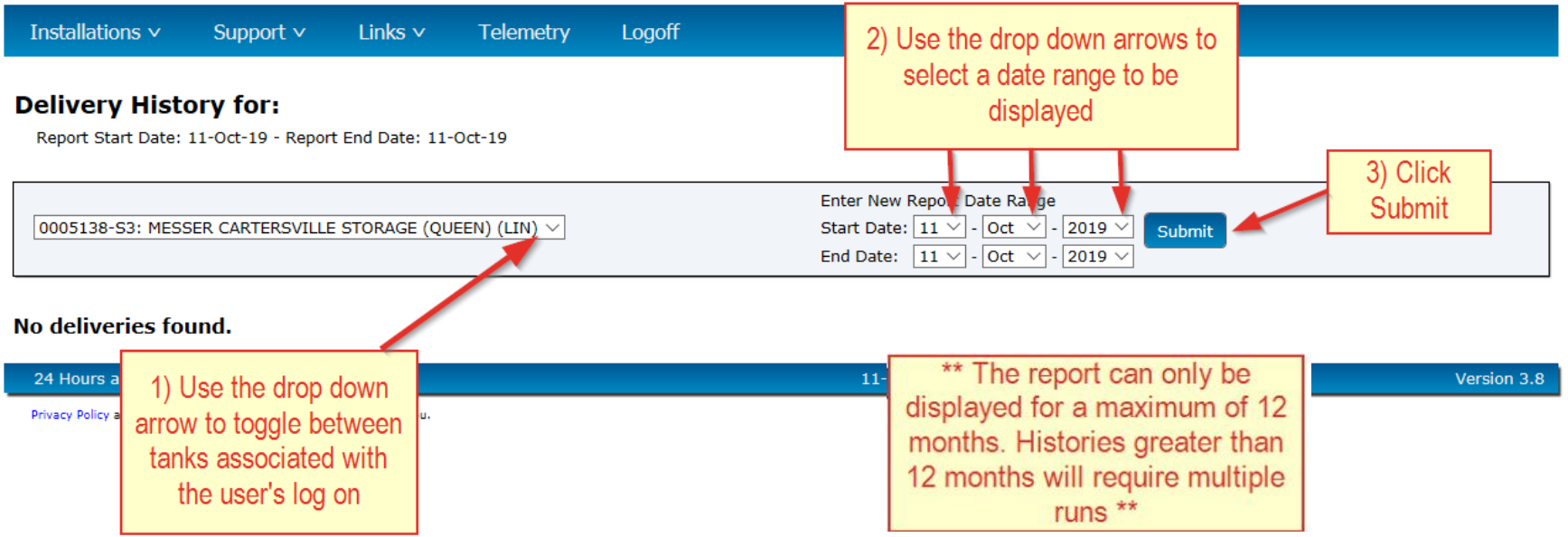
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View Delivery History



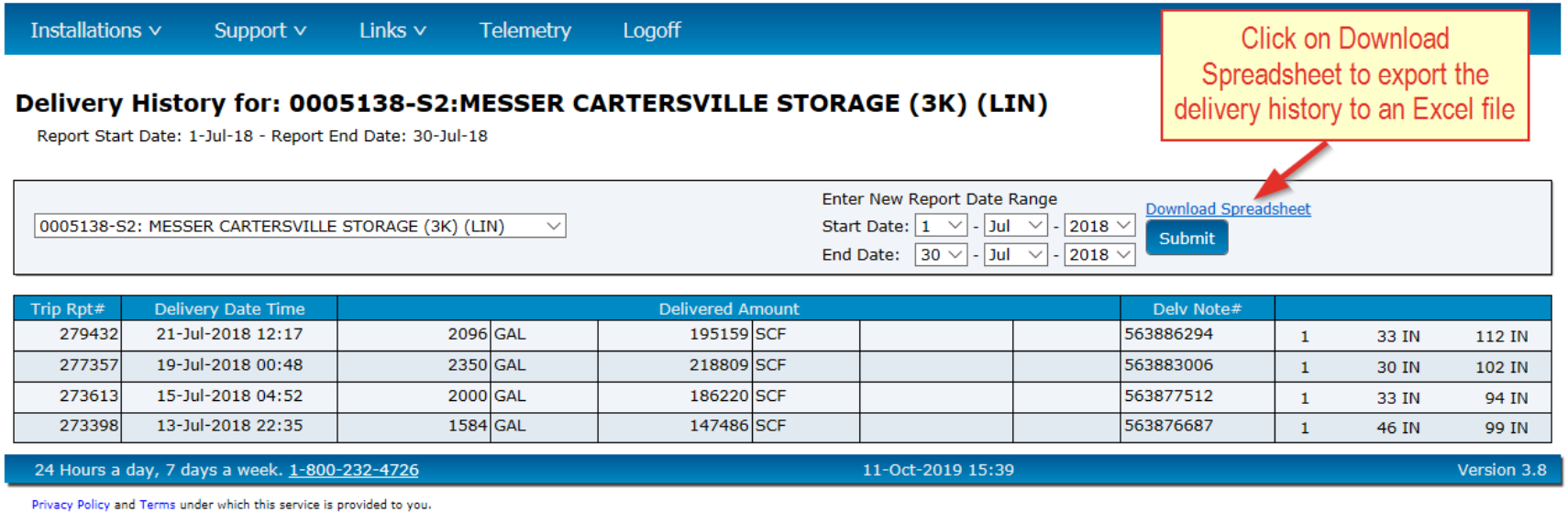
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View Delivery History



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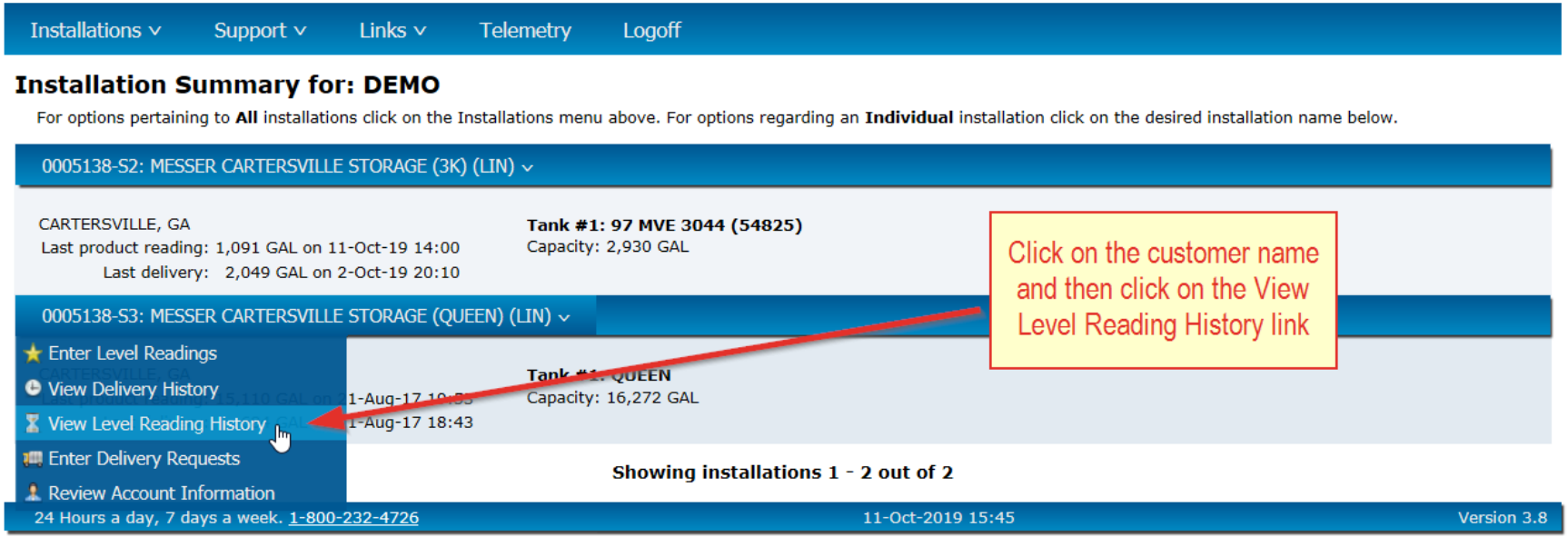
View Delivery History



The delivery history report displays: trip number, date and time of delivery, amount delivered, delivery note number, level readings in and out for each tank

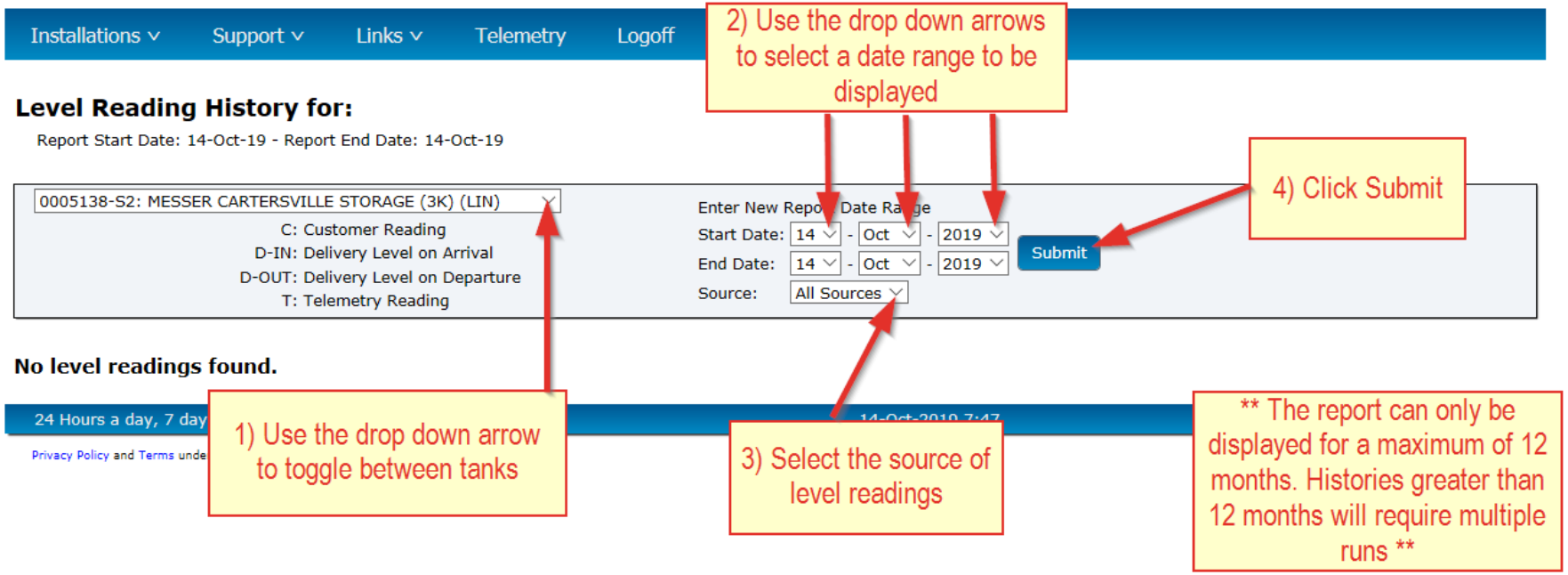
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Viewing Level Reading History



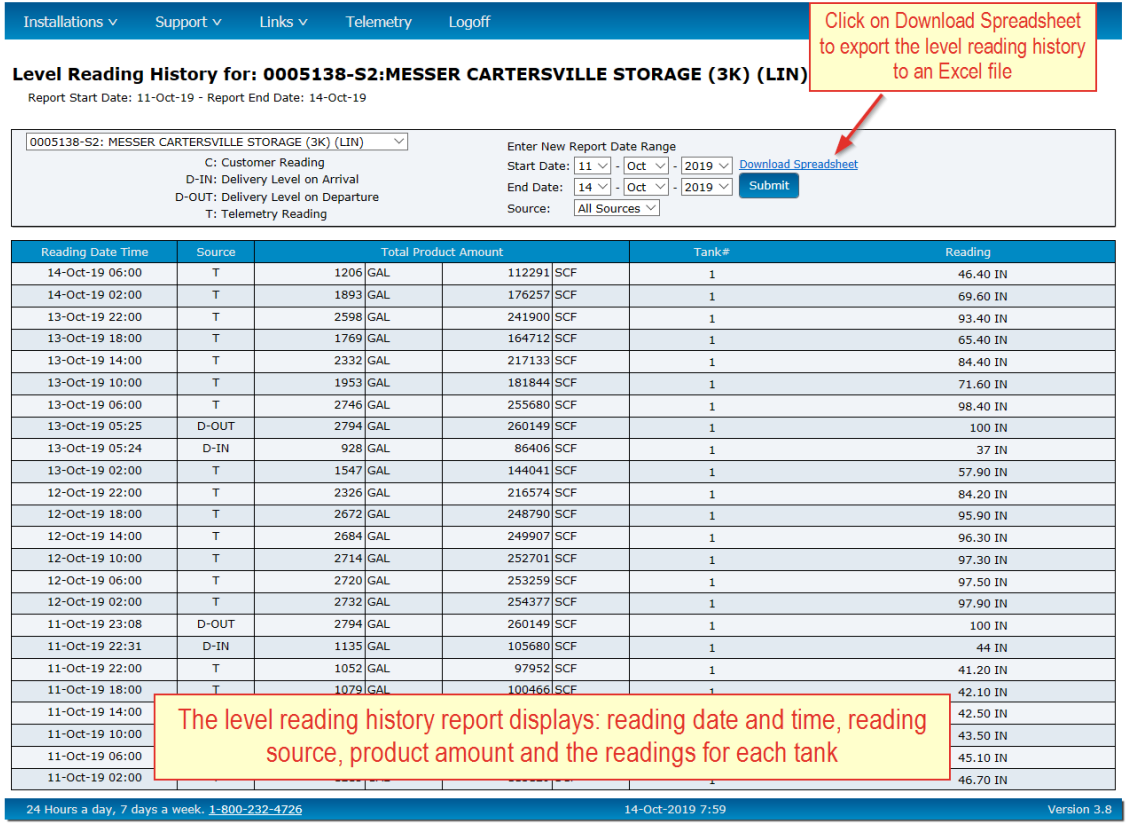
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Viewing Level Reading History



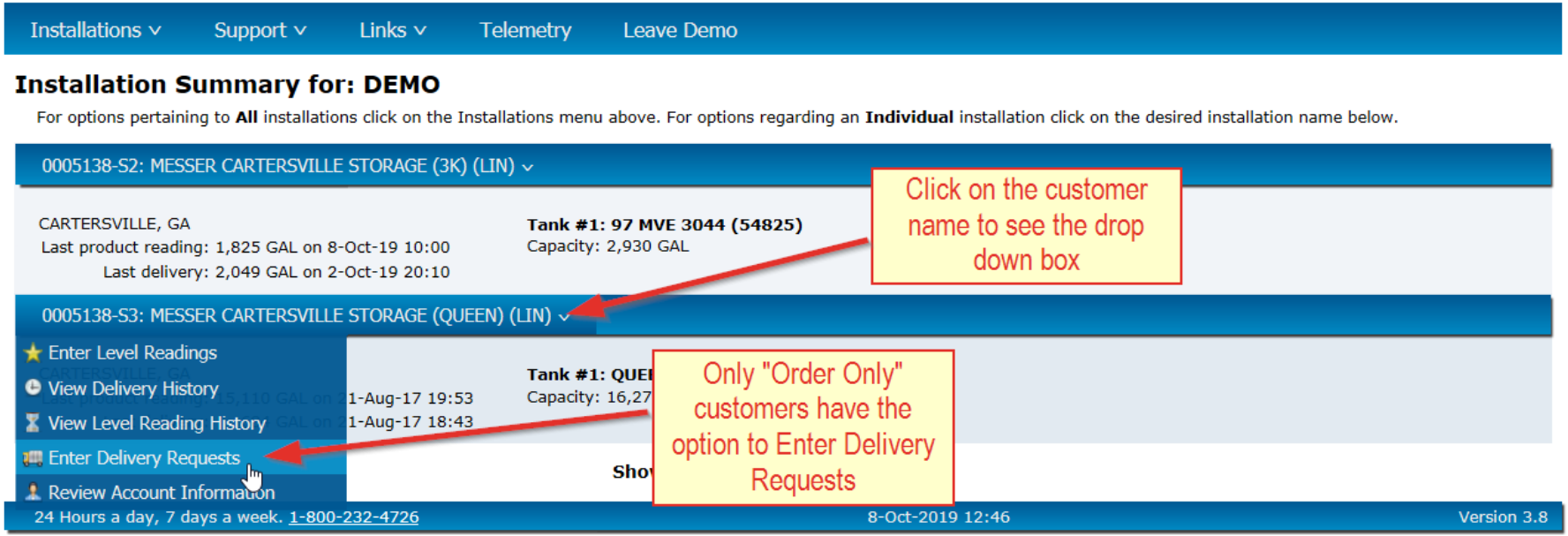
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Viewing Level Reading History



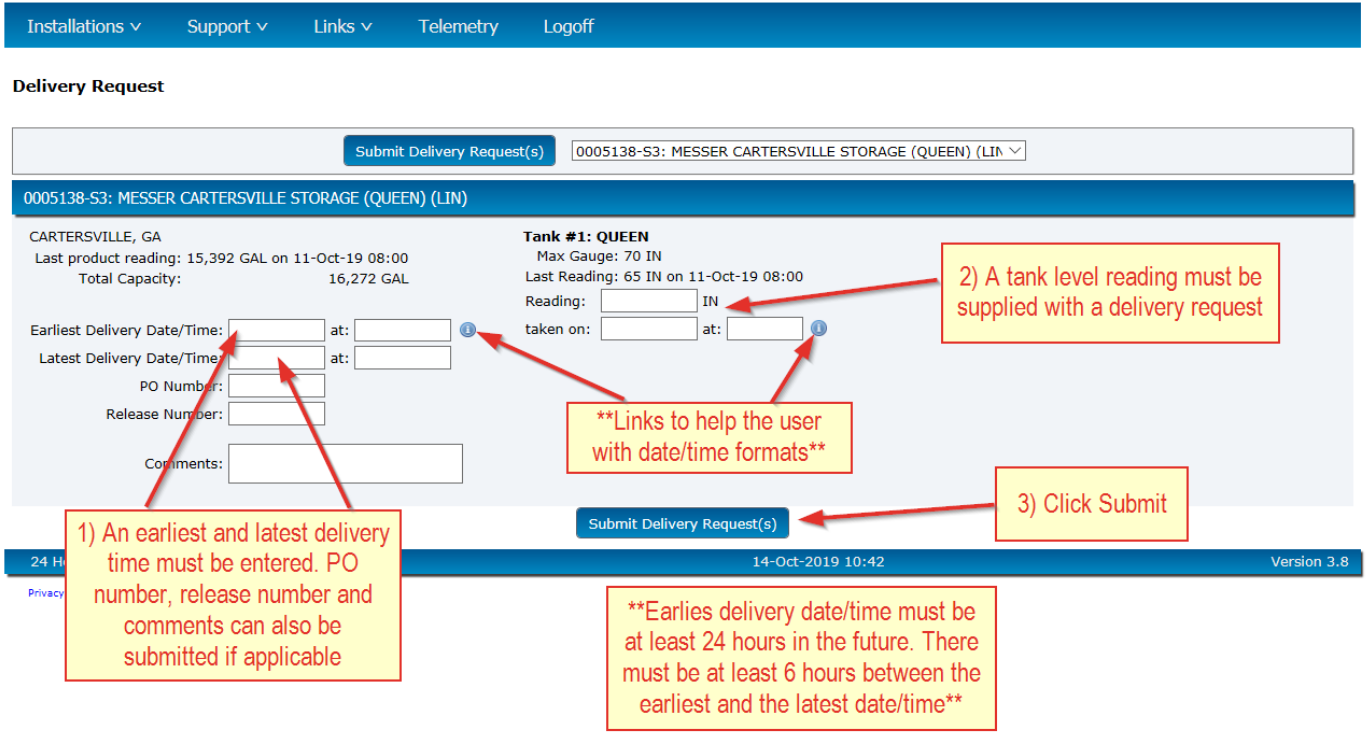
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Entering Delivery Requests (Order Only Accounts)



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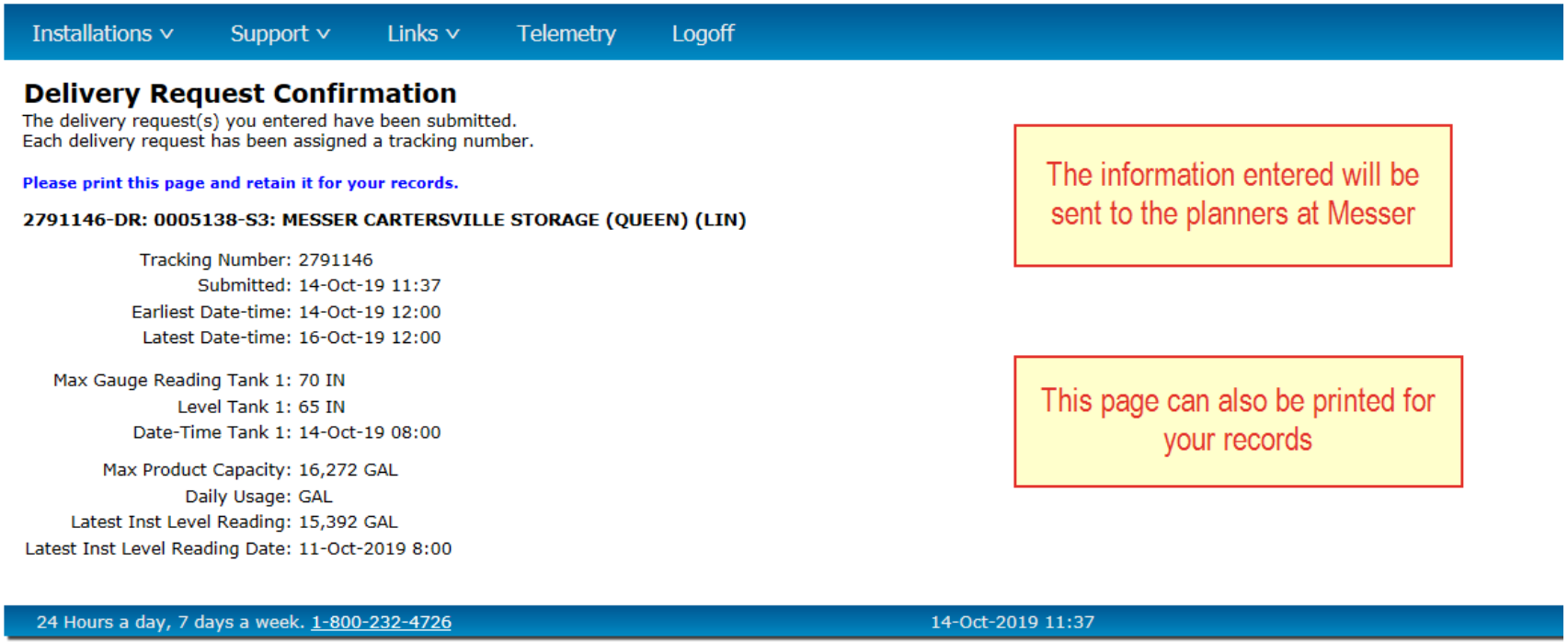
Entering a Delivery Request



Messer requires 48 hour lead time for delivery request, anything less is subject to a delivery fee

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Entering a Delivery Request

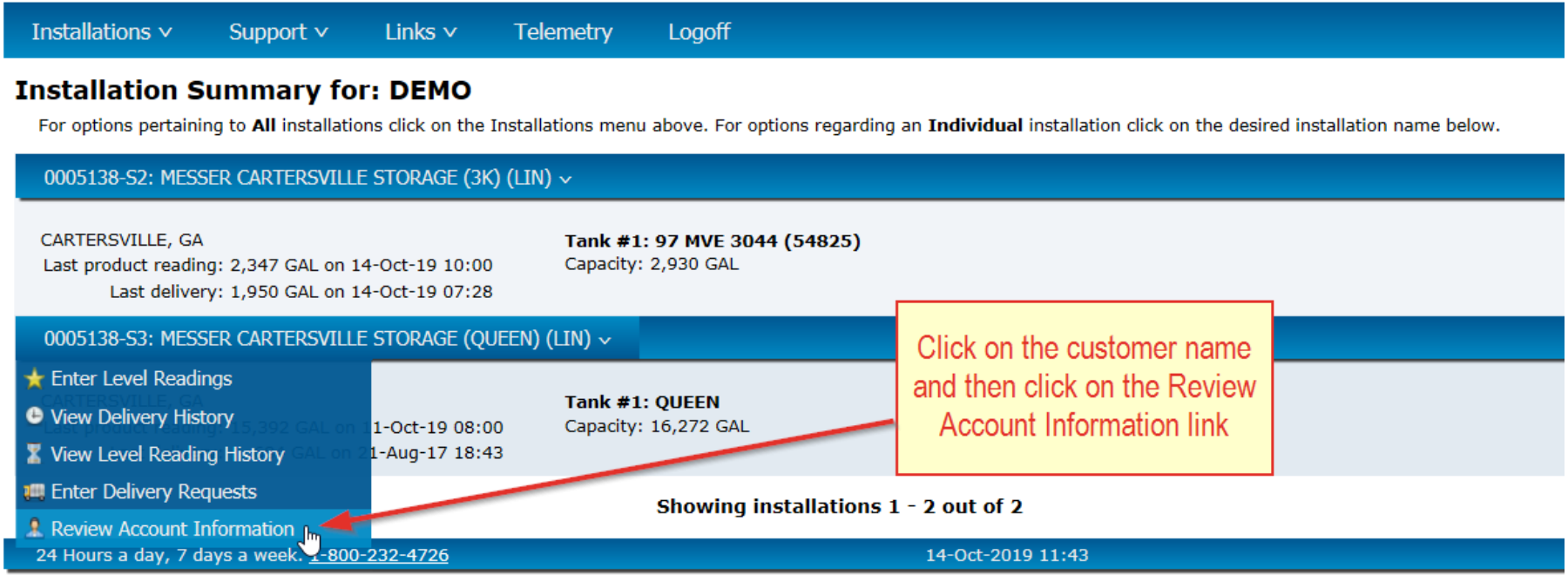


The information entered will be sent to the planners at Messer

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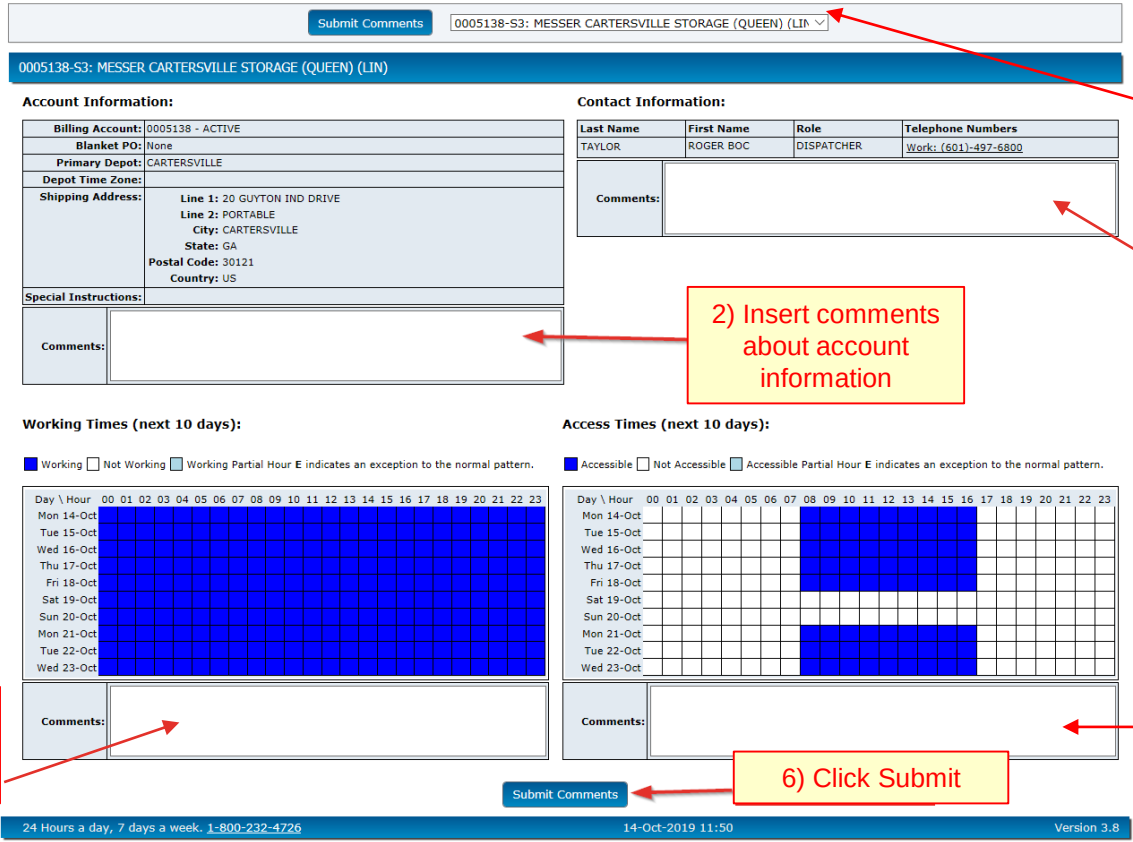
Reviewing Account Information



Click on the customer name and then click on the Review Account Information link

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Reviewing Account Information



1) Use the drop down arrow to toggle between tanks

2) Insert comments about account information

3) Insert comments about contact information

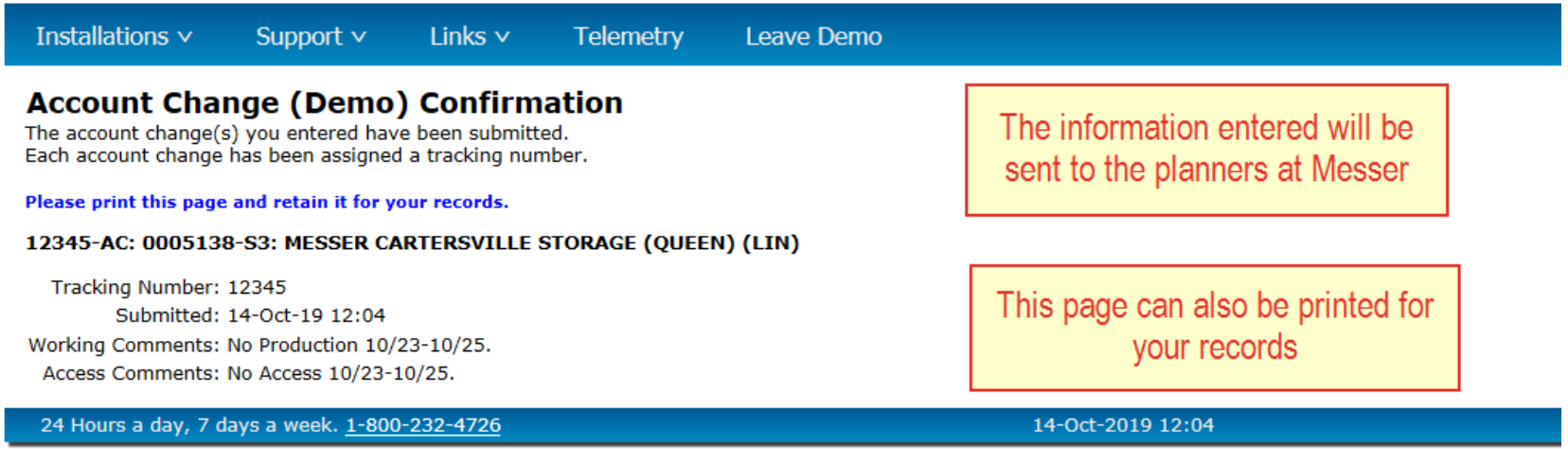
4) Insert comments about working times

5) Insert comments about delivery access times

6) Click Submit

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Reviewing Account Information

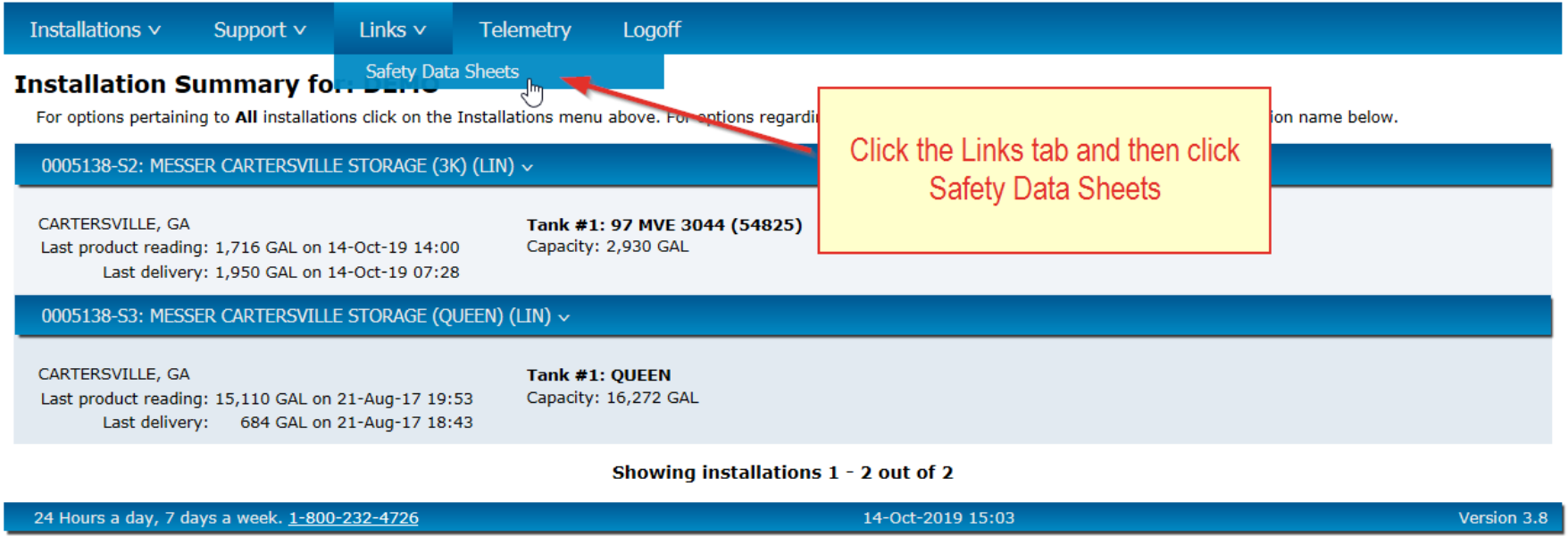


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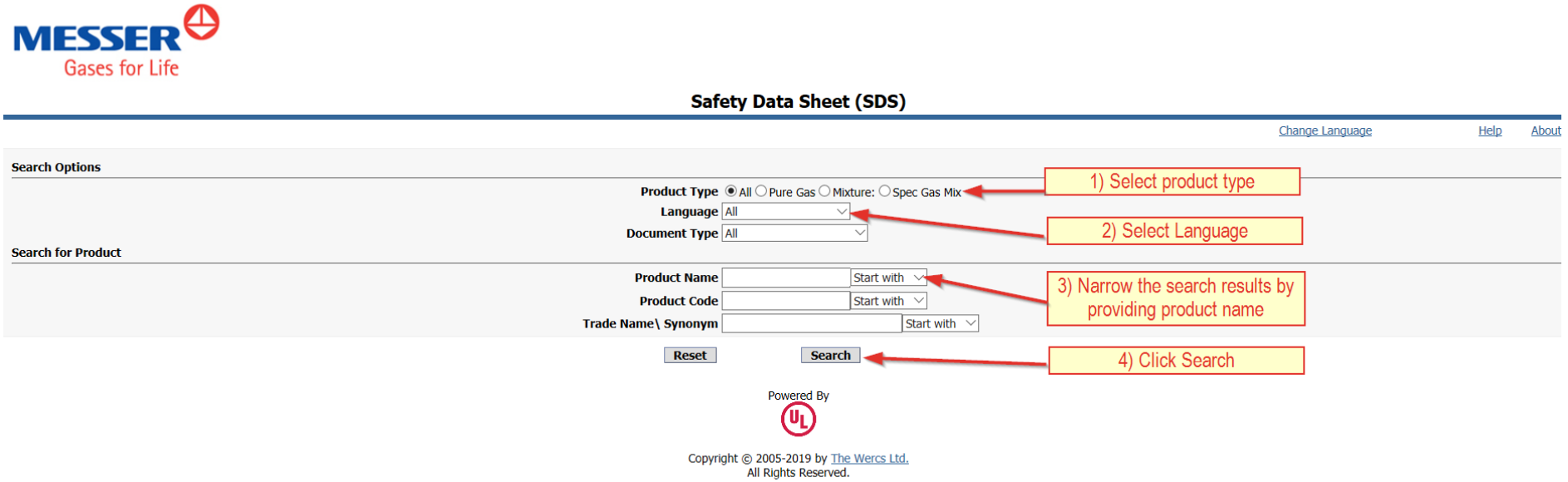
Material Safety Data Sheets



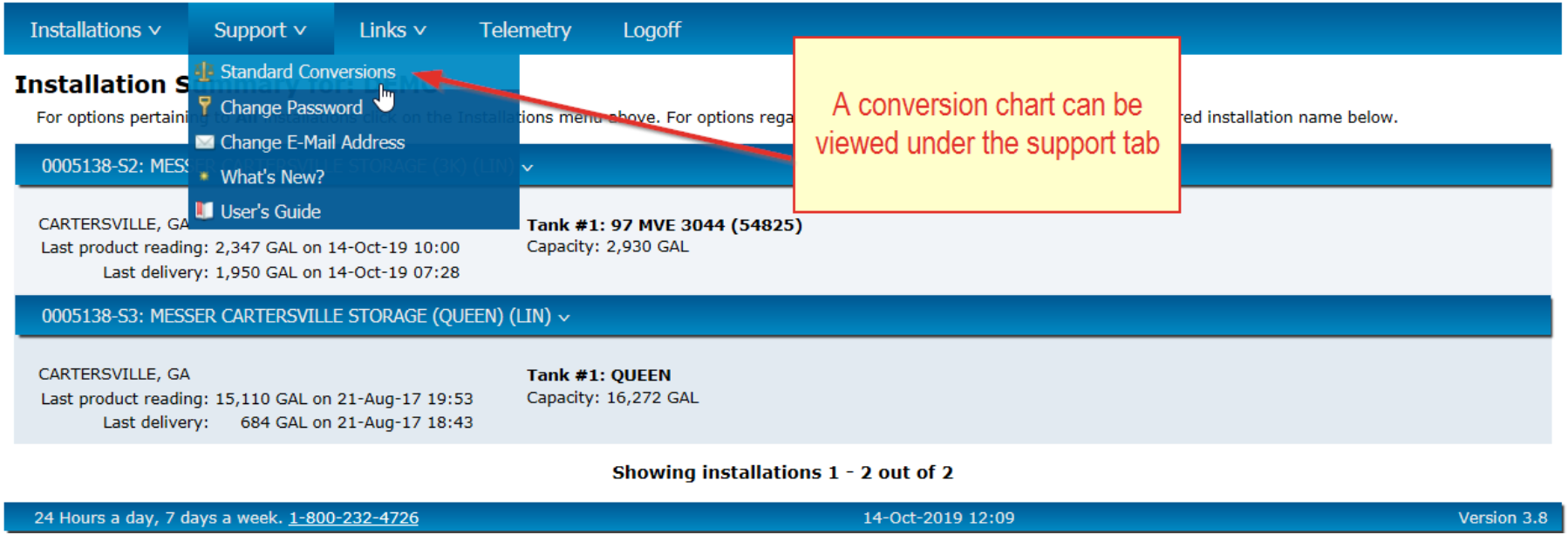
Click the Links tab and then click Safety Data Sheets

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Material Safety Data Sheets



Standard Conversions



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Standard Conversions

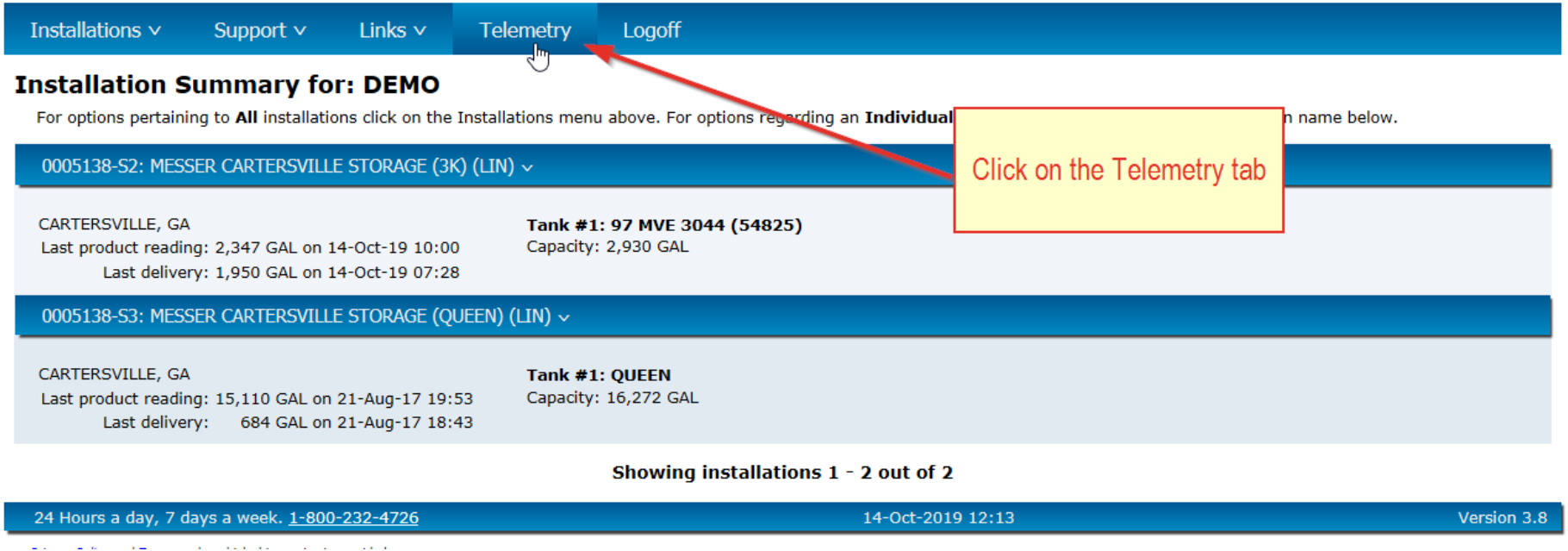
Installations v Support v Links v Telemetry Logoff

Equivalent Values (1 US Gallon)				
Liquid	**Std. Cubic Feet**	**Pounds**	**SCF per Ton**	**SCF per lb**
Oxygen:	115.1	9.528	24,160	12.08
Nitrogen:	93.11	6.745	27,606	13.8
Argon and Crude Argon:	112.5	11.63	19,340	9.671
Carbon Dioxide:	74.04	8.47	17,482	8.741
Hydrogen:	113.41	.5906	384,000	192.0
MAPP Gas:	N/A	4.77	N/A	N/A

24 Hours a day, 7 days a week. 1-800-232-4726 14-Oct-2019 12:09 Version 3.8

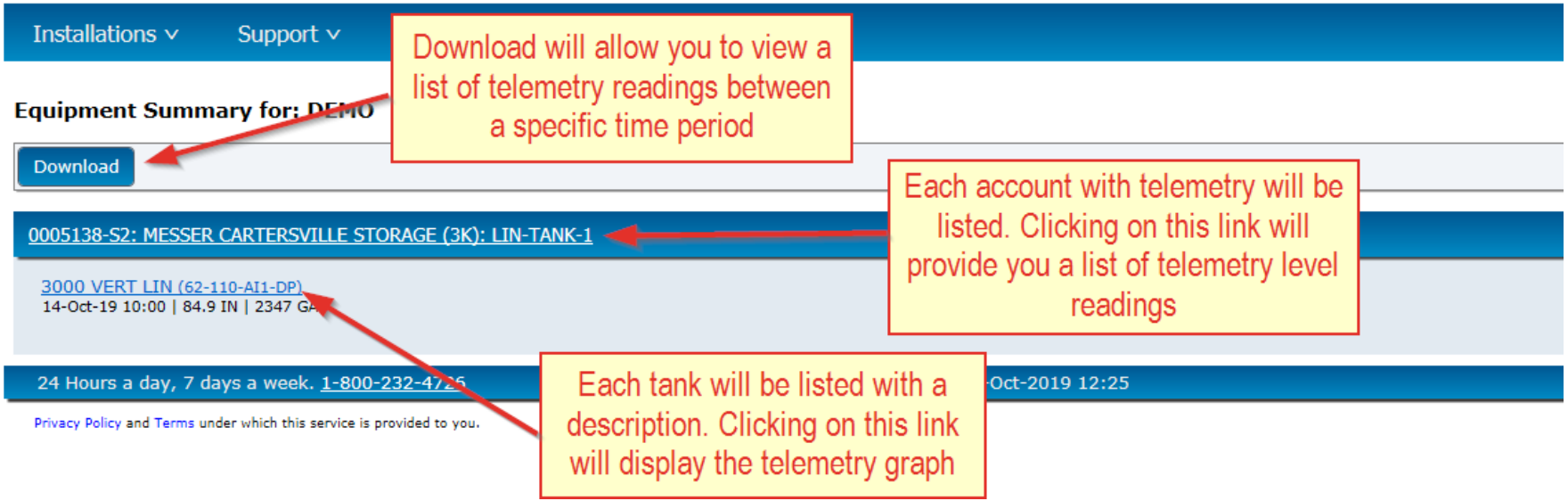
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Telemetry



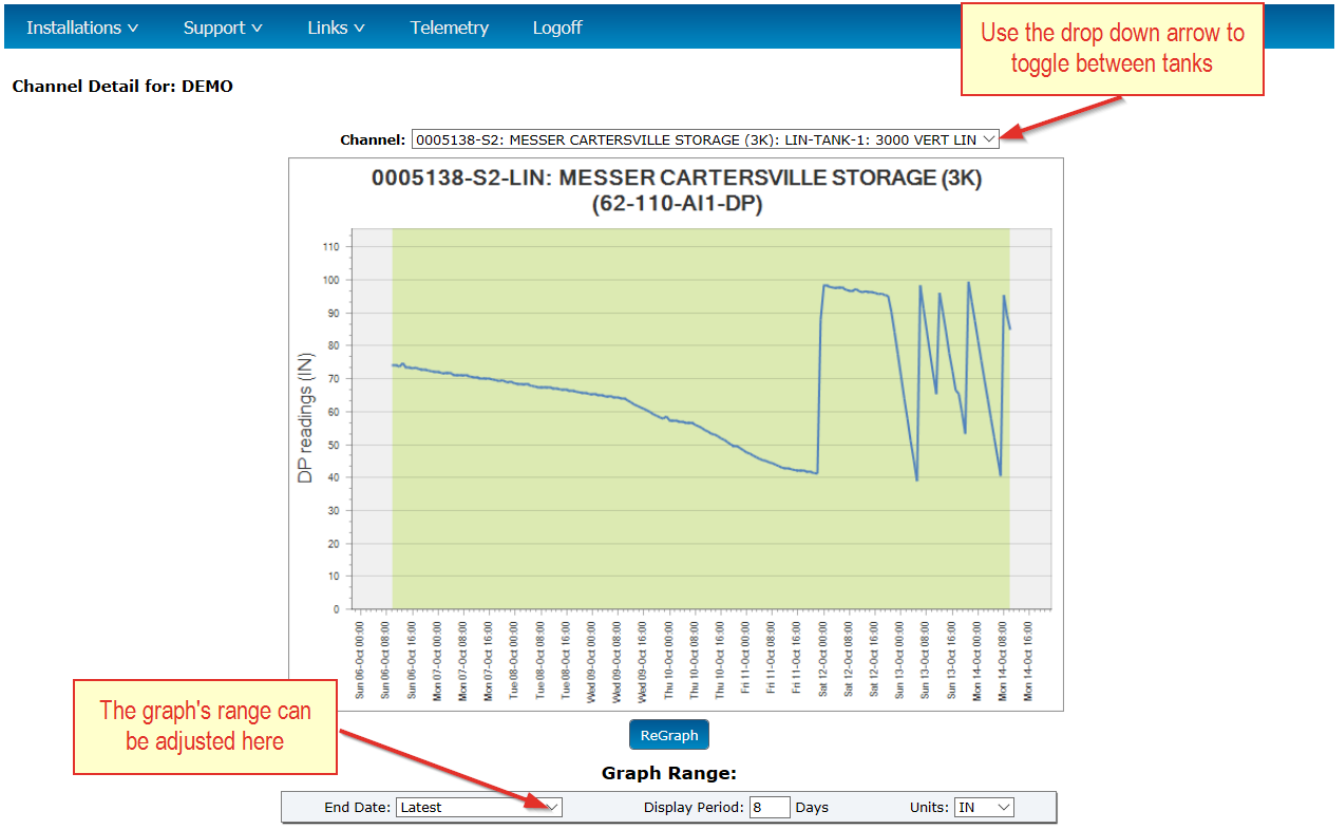
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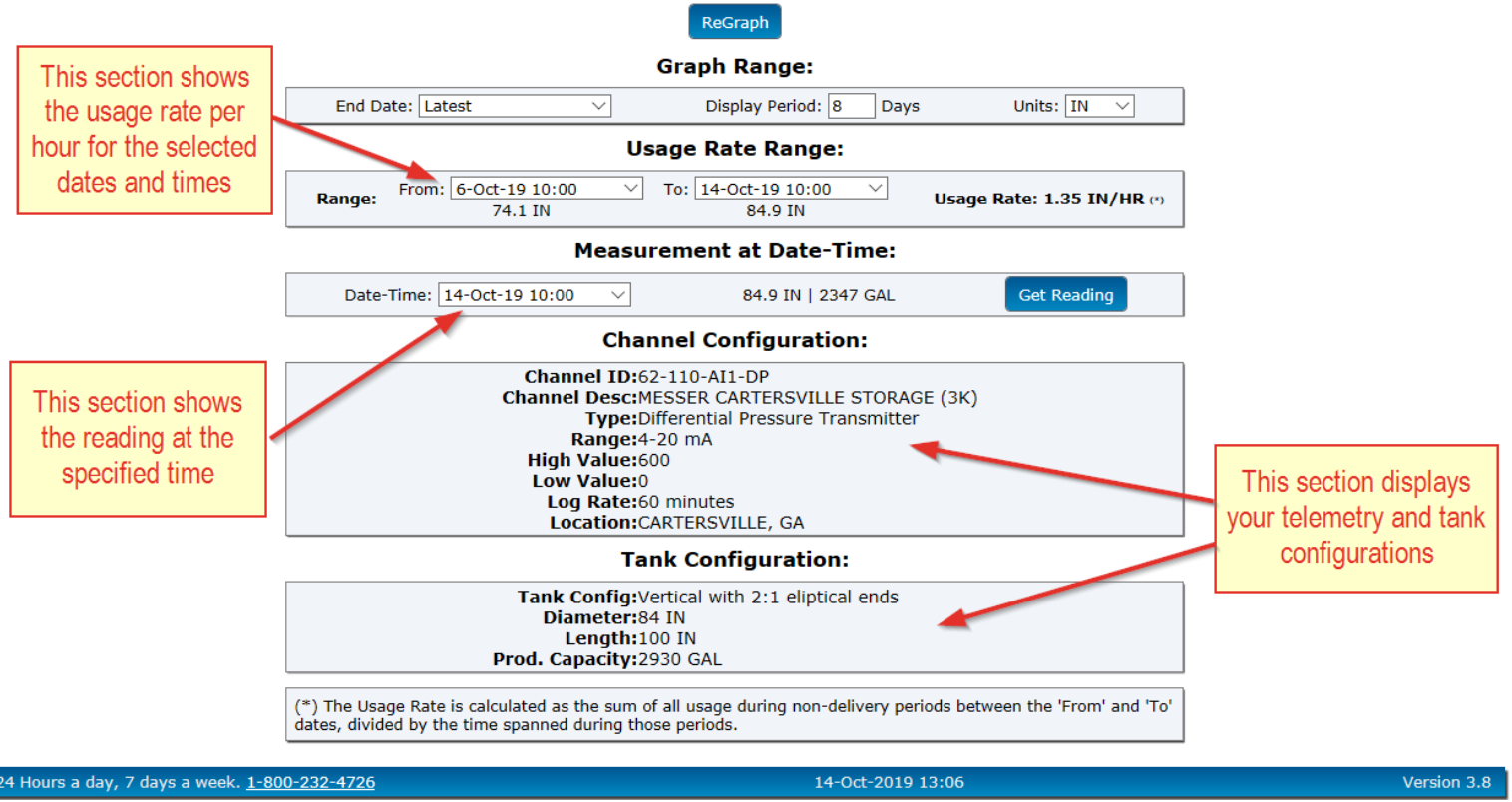
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Telemetry



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Telemetry



This section shows the usage rate per hour for the selected dates and times

This section shows the reading at the specified time

This section displays your telemetry and tank configurations

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