## PYXIS OMS Tour Composition a storm Quick Reference Guide – Live Outage Management

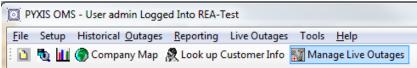
# Manage Live Outages – Table of Contents

- 1. Getting Started
- 2. View Open Calls
- 3. Add New Calls
- 4. Define New Outage
- 5. Dispatch Outages
- 6. Dispatch Outages Helpful Hints
- 7. <u>Redefine an Outage Connectivity Tree</u>
- 8. <u>Redefine an Outage Esri Map Trace</u>
- 9. <u>Restore an Outage</u>
- 10. Print Outage Ticket
- 11. Archive an Outage
- 12. Enter an Outage into History

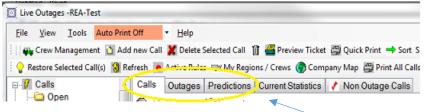


# 1. Manage Live Outages – Getting Started

1. Log into PYXIS OMS<sup>®</sup> and click the Manage Live Outages button.



2. In the Live Outages screen you will see 5 panel tabs near the top >>



3. When working with Live Outages we will primarily be focused on the first three tabs which will be outlined in the rest of this "Live Outage Management" Reference Guide for PYXIS OMS<sup>®</sup>.

### PYXIS OMS Tour Company in a Joom Quick Reference Guide – Live Outage Management

# 2. View Open Calls

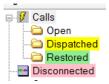
- 1. Within the | **Calls** | tab view you will see many columns of data within the grid.
  - a. The Source column displays Local or Call Handling.
    Local usually means the call was entered into PYXIS by a user. Call Handling means the call came in from your Call Handling Service through a Multispeak® interface.
  - b. The **Entered By** column will display the user who entered the call into the system. *(may need to scroll to view)*

| Live Outages -REA-Test   |                    |                |           | /        |               |         | $\overline{}$ |               | ~ 6         |          |               |  |  |
|--|--------------------|----------------|-----------|----------|---------------|---------|---------------|---------------|-------------|----------|---------------|--|--|
| <u>File View T</u> ools Auto Print C   | off ▼ <u>H</u> elp |                |           |          | $\overline{}$ |         |               | $\overline{}$ |             |          |               |  |  |
| 🛛 🙀 Crew Management 🚺 Add new Call 💥 Delete Selected Call 👔 🚟 Preview Ticket 🚎 Quick Print, 🔿 Sort Sub-Fdr-Phs 🏣 Connectivity Tree |                    |                |           |          |               |         |               |               |             |          |               |  |  |
| 💡 Restore Selected Call(s) 🚷 Refresh 💿 Active Rules 🖏 My Regions / Crews 🌒 Company Map 🖓 Print All Calls 🤱 Customer Info           |                    |                |           |          |               |         |               |               |             |          |               |  |  |
| E- 9 Calls   | Calls Outages      | Predictions Cu | irrent St | atistics | 🕴 Non O       | utage C | alls          |               | $\sim$      |          |               |  |  |
| Open  Dispatched   | 🔘 Unplanned 🚽      | Planned        |           |          |               |         |               |               | Sorted By S | Sub, Fee | der, Phase 👔  |  |  |
| - Cal Restored   | Needs Attention    | on Pho         | ne #'s i  | n Red ar | e from Calle  | er ID   |               |               |             |          | Advanced Sort |  |  |
| ■ Disconnected<br>■ ● ● Crews  | Select All         | Unselect       | All 🔳     | Inver    | t Selection   |         | Create        | e List Cate   | gories N    | one      | -             |  |  |
| 🖨 🦳 On Call  | Name               | Location       | Sub       | Feeder   | Linesection   | Phase   | Crew          | Priority      | Status      | Source   | EnteredBy     |  |  |
| - Dispatched   | GOODWIN,           | 01.07.06(10)   | 001       | 1        | 1401          | В       |               | Normal        | Open        | Local    | STAR\mknott   |  |  |
| Restored   | HINNENKA           | 01.05.04(10)   | 001       | 1        | 26            | A       | 181           | Normal        | Dispatched  | Local    | STAR\mknott   |  |  |
| ia-i⊇ 157  |                    |                | 021       | 3        | 1588          | A       | 190           | Normal        | Dispatched  | Local    | STAR\mknott   |  |  |
| Dispatched  Sestored   | MORICAL,           | 25.01.02(21)   | 022       | 4        | 504           | С       |               | Normal        | Open        | Local    | STAR\mknott   |  |  |
| Carl Waiting<br>B⊢ ✔ Carl Archived   |                    |                |           |          |               |         |               |               |             |          |               |  |  |
| Instant Message Session  |                    |                |           |          |               |         |               |               |             |          |               |  |  |
| Active OMS Operators  MELISSA_LTX STAR\mknot   | •                  | III            |           |          |               |         |               |               |             |          | Þ             |  |  |
| < <u> </u>   |                    |                |           |          |               |         |               |               |             |          |               |  |  |
| Auto Refresh Enabled (90 seconds)  | Calls              | In System:     | Open-2    | Dispa    | tched-2       | Restore | d-0 A         | rchived-1     | ) Disconne  | ected-0  |               |  |  |

2. Columns can be re-ordered by dragging the column heading and dropping it in a new location within the grid.



*Filter* the Calls view by using the options in the left window pane. If you click Open, the window grid will show only Open calls, etc.



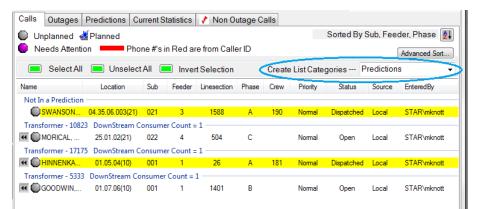


View Calls and Outages assigned to **Crews** by clicking the **Crews** folders in the left window pane with red checkmarks next to their folder.



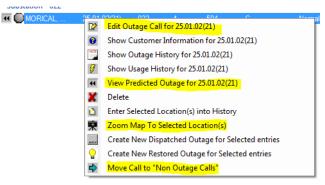
# 2. View Open Calls (...Continued)

- 3. If you make any changes to the order of columns or column width, you can set back to default by clicking on the **View** menu at the top then select **Restore Listview Columns to Default.**
- 4. Click on any column heading to sort by that heading.
- 5. Use the **Advanced Sort...** button to create your own combination of columns to sort by.
- 6. Use the **Create List Categories** dropdown to group all open calls by the category chosen:



Any sorting will be applied within each Category grouping.

7. Right-click individual calls to access additional menu options:

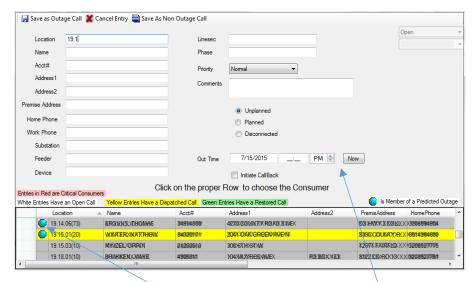


Some of the more useful actions during a large Live Outage are highlighted here.

#### PYXIS OMS Vour Compassion of Storm Quick Reference Guide – Live Outage Management

# 3. Add New Call

- 1. In the Live Outages screen, click the Add new Call button.
- 2. Start typing in any of the boxes to lookup a customer.



- 3. Note the different color coding and definitions.
- 4. A member that is already part of a predicted or defined outage will appear in the list with a globe icon next to their location.
- 5. Click on a customer from the lower pane and their information will fill into the rest of the boxes at the top.
- 6. Use the Now button or the text boxes to enter the Out Time.
- 7. Click the Save as Outage Call button at the top to save call.



Use the **Save as Non Outage Call** button to save calls that come in from residents reporting a concern or members who have non-emergency issues.



# 4. Define New Outage

## \*You must have at least one Active Call that matches the Location List within the new outage you want to define here.

This feature can be useful during a widespread outage when a known area is out of power and can be defined as an outage before a large number of calls come into PYXIS OMS<sup>®</sup>.

- 1. If you do not already have a call in the system within this outage area, first **Add New Call** to create at least one service location outage call to be included within the outage area.
- 2. In the Live Outages screen, click the | Outages | tab, then click the Define New Outage button.

🙀 Define New Outage

3. You can either **Import an Esri Trace** or **Import From Connectivity Tree** to define your list of Locations for the Outage.



- a. **Import Esri Trace** this option will pull in all locations from your last Esri Map Trace.
- b. **Connectivity Tree**\* this option allows you to select all service locations downstream from a particular device.
- 4. Type in an Outage Name.
- 5. Assign to a Crew.
- 6. Click **OK** to save and close.

\*More details on using the Connectivity Tree can be found in Section 7: "Redefine an Outage – Connectivity Tree".

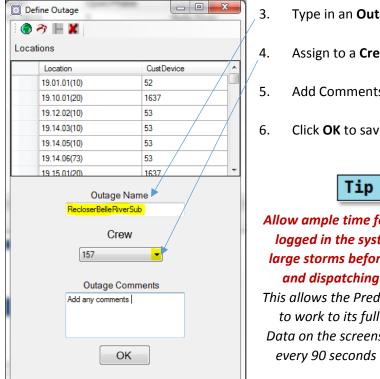
# PYXIS OMS Tour Composition Storm Quick Reference Guide – Live Outage Management

# **5. Dispatch Outages**

- 1. On the Live Outages screen, click the | **Predictions** | tab.
- 2. Right-click on a device within a prediction and choose **Accept** Prediction and Dispatch...

| Calls                        | Outages | s F     | Predictions  | Current St    | atistics 📝 No | on Out      | age Calls  |                |
|------------------------------|---------|---------|--------------|---------------|---------------|-------------|------------|----------------|
| Device Type MapID            |         |         |              |               | Open Phase    |             | Substation | Consumer Count |
| 🐓 Recloser                   |         | RCL1901 | 3            | 1             |               | Belle River | 147        |                |
| Zoom Map To Predicted Outage |         |         |              |               |               |             |            |                |
|                              | Ē       | 82TE    | List Consum  | ners In Predi | ction         |             |            |                |
|                              |         |         | Poll Meter(s | ) in Predicti | on            |             |            |                |
| 😽 Accept Predict             |         |         |              | iction and [  | )ispatch      |             |            |                |
|                              |         | 7       | Accept Pred  | iction and L  | nspaten       |             |            |                |

In the Define Outage window that opens, you will see the list of locations included in this outage, regardless if there are open calls for the location.



- Type in an Outage Name.
- Assign to a Crew.
- Add Comments (optional).
- Click **OK** to save.



Allow ample time for calls to be logged in the system during large storms before accepting and dispatching outages! This allows the Prediction Engine to work to its full potential. Data on the screens will refresh every 90 seconds by default.



# 6. Dispatch Outages – Helpful Hints

- \* The more open calls the better in order to get the most accurate predictions. Patience is key during a large storm.
- \* New calls that are logged and part of an already defined and dispatched outage will automatically appear as a dispatched call.
- \* As additional members call who may be *related* to an already defined Prediction, a new prediction may be defined - Accept the new prediction as a defined outage, the members who are part of the previously defined outage will now be part of this larger prediction and dispatched accordingly.

### PYXIS OMS Vor Composition 350m Quick Reference Guide – Live Outage Management

# 7. Redefine an Outage – Connectivity Tree

- 1. Double-click an Outage within the | **Outages** | tab.
- In the Define Locations tab in the lower panel, click the "Import From Connectivity Tree" button.

| Defined Lo | cation | MapSnapShot |                |
|------------|--------|-------------|----------------|
| i 🌍 🤭      |        | X           | Locations - 21 |
|            | oostia | - II        | n              |

3. Drill in through the Tree to locate a device that is known to be the cause of the outage. Click on the device to select all locations under the tree for that device and add them to the outage.

| 🖾 Find                           |                        |                  |       |
|----------------------------------|------------------------|------------------|-------|
| REA-Test                         | <b>V</b> 0             |                  |       |
| 🗉 006 - Amoco                    | <b>V</b> 2             |                  |       |
| 001 - Belle River                | 3                      |                  |       |
| 🗉 004 - Brandon                  | <b>V</b> 4<br><b>7</b> | 1                |       |
| G Recloser RCL16182 Phase 7      |                        | /                |       |
| E- Carloser RCL16183 Phase 7     | : <b>P</b>             | oll Meter(s)     |       |
|                                  | $\square$              | Location         | Phase |
|                                  |                        | 18.02.06(20)     | 2     |
|                                  | 1                      | 18.07.02(10)     | 2     |
| 🖬 🖬 Transformer 19244 Phase 1    | 1                      | 18.29.02.003(20) | 2     |
| - O Consumer 15.36.02(10) Pr ≠   |                        | 18.29.02.002(21) | 2     |
|                                  |                        | 18.30.02.002(20) | 2     |
|                                  |                        | 18.20.02.009(20) | 2     |
| Recloser RCL16311 Phase 1        |                        | 18.20.02.008(20) | 2     |
|                                  |                        | 18.20.02.09A(41) | 2     |
| ■ Transformer 9853 Phase 1       |                        | 18.20.02.011(21) | 2     |
| Transformer 14363 Phase 2        |                        | 18.20.02.001(20) | 2     |
| ■ Transformer 5468 Phase 1       |                        | 18.20.02.002(20) | 2     |
| Recloser RCL16184 Phase 7        |                        | 18.20.02.005(20) | 2     |
| Recloser RCL16181 Phase 7        |                        | 18.20.02.006(20) | 2     |
| Transformer 19115 Phase 7        |                        | 18.20.02.003(21) | 2     |
| - 002 - Carlos                   |                        | 18.30.02.001(20) | 2     |
| 015 - Frammas                    |                        | 18.30.02.02A(20) | 2     |
| 018 - Glenwood                   |                        | 18.29.01(41)     | 2     |
| 013 - Holmes City                |                        | 18.29.01.018(20) | 2     |
| 011 - Hudson                     |                        | 18.29.01.020(21) | 2     |
| 009 - LaGrande                   |                        | 18.29.01.023(20) | 2     |
| 012 - Lake Mary  022 - Lake Mina |                        | 18.29.01.025(20) | 2     |

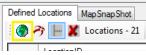
Deselect Phases to remove locations for that Phase from your Consumer list for this defined outage.

- 4. After clicking the device(s) to include, close the window.
- 5. Assign to a **Crew** and click **OK** to save the newly redefined Outage.



# 8. Redefine an Outage – Esri Map Trace

- 1. Double-click an Outage within the | **Outages** | tab.
- 2. In the Define Locations tab in the lower panel, click the "Import Esri Trace" button.



- 3. This will bring in all customers from your latest Esri Map Trace.
- 4. If you should need to remove a location from the list so it is not included in the Outage,
  - o Click in the gray, box to the left of the row to remove.

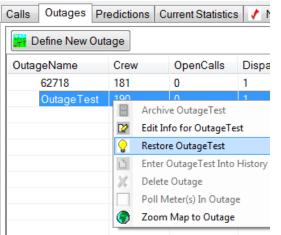
|   | Locations MapSnapShot |          |   |
|---|-----------------------|----------|---|
|   | LocationID            | DeviceID |   |
|   | 04.34.01.002(20)      | 1588     | L |
| Þ | 04.34.01.007(20)      |          | L |
|   | 04.34.01.008(21)      |          | l |
|   | 04 34 01 006(20)      | 1588     |   |

- Press the **Delete key** on your keyboard.
- 5. Save & Close to accept the list of locations.

PYXIS OMS Tour Composition 3 Norm Quick Reference Guide – Live Outage Management

# 9. Restore an Outage

- 1. RIGHT-click an Outage within the | **Outages** | tab.
- 2. Choose the **Restore** option from the menu.



- 3. Fill in the End Time, Cause and Equipment Code (*if known*).
- 4. If you need to remove a location from the Outage (perhaps for any location(s) not yet restored as part of this Outage):
  - Click in the gray box to the left of the location row.
  - Press the **Delete key** on your keyboard.

| Defined Locations MapSnapShot |                  |          |  |  |  |  |  |  |  |  |  |
|-------------------------------|------------------|----------|--|--|--|--|--|--|--|--|--|
|                               | LocationID       | DeviceID |  |  |  |  |  |  |  |  |  |
|                               | 04.35.06.003(21) | 1588     |  |  |  |  |  |  |  |  |  |
| -                             | 04.35.06.002(21) | 1588     |  |  |  |  |  |  |  |  |  |
| Þ                             | 04.35.06.005(20) | 1588     |  |  |  |  |  |  |  |  |  |
|                               | 04.35.06.006(21) | 1588     |  |  |  |  |  |  |  |  |  |
|                               | 04 35 06 004/41) | 468      |  |  |  |  |  |  |  |  |  |

- 5. Click the **Save and Close** button.
- 6. The Outage and the Calls pertaining to the outage will be highlighted green to indicate they have been Restored.



# **10. Print Outage Ticket**

- 1. In the **Calls** tab, sort and categorize the calls using the sorting options and the Create List Categories dropdown to locate the outage calls you wish to print on a Ticket.
- 2. **Click** an outage call to select it. Select multiple calls by holding down your **Ctrl key** while you click on the outage calls you want to print on this particular Outage Ticket report.
- 3. After your Outage Calls are selected, click the Preview Ticket button

| Print | Off ▼ <u>H</u> elp                                 |                  |          |            |              |           |            |            |             |          |           |
|-------|--|------------------|----------|------------|--------------|-----------|------------|------------|-------------|----------|-----------|
| Add   | new Call 🐹 Delete S                                | elected Call 🛛 🔟 | 🗧 Prev   | iew Ticket | 🚑 Quick P    | rint 🔿    | Sort Sul   | -Fdr-Phs   | - Connectiv | ity Tree |           |
| 👌 Ref | iresh 🛛 e Active Rules                             | 🖙 My Regions /   | Crews    | 🕤 Com      | pany Map 🔮   | 🗿 Print A | ll Calls   | Custom     | er Info     |          |           |
|       | Calls Outages                                      | Predictions Cu   | urrent S | tatistics  | 📌 Non Oi     | utage C   | alls       |            |             |          |           |
| =     | E Unplanned & Planned Sorted By Sub, Feeder, Phase |                  |          |            |              |           |            |            |             |          |           |
|       | Needs Attentio                                     | on Pho           | ne #'s   | in Red ar  | e from Calle | er ID     |            |            |             | Adva     | nced Sort |
|       | Select All   | Unselect         | All      | Inver      | t Selection  | Crea      | ate List ( | Categories | s Crews     | $\geq$   | •         |
|       | Name   | Location         | Sub      | Feeder     | Linesection  | Phase     | Crew       | Priority   | Status      | Source   | EnteredBy |
|       | Not Assigned to a                                  | Crew             |          |            |              |           |            |            |             |          |           |
|       | GOODWIN,   | 01.07.06(10)     | 001      | 1          | 1401         | в         |            | Normal     | Open        | Local    | STAR\mkn  |
|       | CITYSIDE   | 03.22.05.001(21) | 002      | 1          | 92           | С         |            | Normal     | Open        | Local    | STAR\mkn  |
| ç     | HARDWOO  | 25.36.14(11)     | 022      | 3          |              | в         |            | Normal     | Open        | Local    | STAR\mkn  |
| ·     | Crew - 157   |                  |          |            |              |           |            |            |             |          |           |
|       | M WJMH RECR  | 25.12.04(53)     | 022      | 4          | 500          | ABC       | 157        | Normal     | Dispatched  | Local    | STAR\mkn  |
|       | MOE TOW  | 25.11.07(30)     |          |            | 2028         |           |            | Normal     | Dispatched  | Local    | STAR\mkn  |
| Ŧ     | MORICAL,   | 25.01.02(21)     | 022      | 4          | 504          | С         | 157        | Normal     | Dispatched  | Local    | STAR\mkn  |
|       | EAST MOE   | 25.01.04(30)     | 022      | 4          | 504          |           | 157        | Normal     | Dispatched  | Local    | STAR\mkn  |
|       | 🖪 🌑 DOUGLAS  | 25.12.10(11)     | 022      | 4          | 1987         | С         | 157        | Normal     | Dispatched  | Local    | STAR\mkn  |
|       | CLSON, AN  | 25.01.02.005(21) | 022      | 4          |              | С         | 157        | Normal     | Dispatched  | Local    | STAR\mkn  |
|       | Crew - 181   |                  |          |            |              |           |            |            |             |          |           |

- 4. An **Outage Ticket** report will open in a new window.
- 5. Click the printer button at the top of the report.

| PYXIS OMS Report Viewer -REA-To                       |             |                 |     |       |            |                   |
|---|-------------|-----------------|-----|-------|------------|-------------------|
| T PTALS ON S REPORT VIEWER - REA-IN                   | est         | Constitution of |     |       | 1 Aug. 100 |                   |
| 🗿 🍙 🕲 н н 🔊 📵 📾                                       | 🔄 🛛 🕅       | <b>#</b> •      |     |       |            |                   |
| Main Report   |             |                 |     |       |            |                   |
|   |             |                 |     |       |            |                   |
|   |             |                 |     |       |            |                   |
|   |             |                 |     |       |            |                   |
|   |             |                 | Oı  | Itage | Ticket     |                   |
|   |             |                 |     | nuge  | TICKEL     |                   |
| Farliest Time into Syst                               | em 7/20/201 | 5 10:31:04 AM   |     | nuge  | TICKEL     |                   |
| Earliest Time into Syst                               |             | 5 10:31:04 AM   |     | luge  | TICKEL     | Outage            |
| Earliest Time into Syst<br>Consumers Involved<br>Name |             |                 | Fdr | Phs   | Priority   | Outage<br>Home Ph |



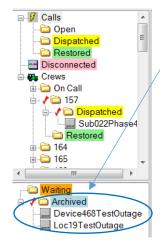
# 11. Archive an Outage

Archiving Restored Outages helps to remove unnecessary clutter from the live outage screens which can be helpful during a large live outage.

- 1. **Right-click** on a restored Outage within the | **Outages** | tab. (*Restored Outages are highlighted green*)
- 2. Select the Archive option from the menu.

| Calls | Outages          | Predictions | Cu  | irrent Sta                          | tistics | 📌 No    | n Outage Cal |  |  |
|-------|------------------|-------------|-----|-------------------------------------|---------|---------|--------------|--|--|
| 📑 D   | efine New        | Outage      |     |                                     |         |         |              |  |  |
| Outag | geName           |             | Cre | W                                   | Open    | Calls   | Dispatched(  |  |  |
|       | Sub022Ph         | ase4        | 157 | ζ.                                  | 0       |         | 6            |  |  |
|       | 62718            |             |     |                                     | 0       |         | 1            |  |  |
|       | Sub21Feed3PhaseA |             | 190 |                                     | Ō       |         | 0            |  |  |
|       |                  | 4           | 8   | Archive                             | Sub21Fe | ed3Phas | ieA 🔷        |  |  |
|       |                  |             | 2   | Edit Info                           | for Sub | 21Feed3 | PhaseA       |  |  |
|       |                  |             | 0   | Restore Sub21Feed3PhaseA            |         |         |              |  |  |
|       |                  |             | 6   | Enter Sub21Feed3PhaseA Into History |         |         |              |  |  |
|       |                  |             | X   | Delete Outage                       |         |         |              |  |  |
|       |                  |             |     | Poll Meter(s) In Outage             |         |         |              |  |  |
|       |                  |             | ۲   | Zoom Map to Outage                  |         |         |              |  |  |
|       |                  |             | _   |                                     |         |         |              |  |  |

3. You will get a popup message asking if you are sure you want to Archive the Outage. Click the **Yes** button.



4. The Outage is moved to the **Archived** folder in the left window pane.

- Tip
- You can right-click any Archived outage and Edit any of the information for the Outage.
- You can still redefine an Archived outage, adding or removing service locations.
- Archived outages can be entered into History at any time.
- Archived outages can be deleted.



# 12. Enter an Outage into History

Moving a Restored Outage into History allows you to delete the Outage from Live Outage Management keeping your **live** outage calls clear of clutter.

- 1. **Right-click** on a Restored Outage either from the | **Outages** | tab or from the **Archived** folder.
- 2. Choose the menu option to Enter Outage into History.
- 3. Modify any of the data fields in the Historical Outage screen.
- 4. You can still redefine the outage using the buttons in the toolbar.
- 5. If you see a consumer location highlighted in **pink**, that location can be deleted by clicking in the gray box to the left of the row and then pressing the **Delete key** on your keyboard.

| C | onsumer Count =  | 8                 | Sh        | ow Matching C | alls in Live ( | Dutages 🛃   |       |          |
|---|------------------|-------------------|-----------|---------------|----------------|-------------|-------|----------|
|   | Location         | Name              | Acct/Mem# | Sub           | Feeder         | Linesection | Phase | Verified |
| + | 20.34.06.006(20) | FORCIER, TIMOTHY  | 3461350   | 001           | 3              | 71          | A     | <b>V</b> |
|   | 20.34.06.007(21) | JONES, DEBRA      | 16053010  | 001           | 3              | 71          | A     | <b>V</b> |
|   | 19.15.01(20)     | WINTER, MATTHEW   | 8432017   | 001           | 3              | 1637        | A     | <b>V</b> |
|   | 17.02.03.001(20) | SCHAUER, PENNY    | 32216515  | 021           | 3              | 468         | А     | <b>V</b> |
|   | 17.02.03.002(20) | VENUTA, ROBERT    | 32141010  | 021           | 3              | 468         | A     | <b>V</b> |
|   | 17.03.05(10)     | ZACHER, BEN       | 34868800  | 021           | 3              | 468         | А     |          |
|   | 17.03.5A(60)     |                   |           |               |                |             |       |          |
|   | 17.02.2C(20)     | BETSY ROSS RESORT | 35086201  | 021           | 3              | 468         | A     |          |
| * |                  |                   |           |               |                |             |       |          |
|   |                  |                   |           |               |                |             |       |          |

These pink highlighted locations are not verified. They still exist in your Esri map but are no longer in the OMS database. Deleting them from the locations list will keep your outage statistic reports more accurate.

- 6. Click the **Save** button to save changes at any time.
- 7. When finished, click **File Exit** to close.
- 8. Right-click the Outage and choose **Delete Outage** to remove from Live Outage Management. Associated Calls will be removed as well.



**Historical Outages** can still be modified from the main menu on the main PYXIS OMS<sup>®</sup> screen. Search in **Past** outages.

