



**ELECTRONIC FLEET MANAGEMENT**

[www.zonarsystems.com](http://www.zonarsystems.com)

# Ground Traffic Control™ Release Notes for Version 2.80.0

**Released June 24, 2011**

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# Usability

## Assets, Asset Engine Hours

- Renamed “Revised Engine Hours” to “GPS Engine Hours”
- Added notation "Requires GPS Firmware Version 2.94 or Newer"

The screenshot displays the ZONAR Ground Traffic Control software interface. The top navigation bar includes the ZONAR logo, a menu with options like Home, Inspections, Drivers, Assets, GPS, Modules, and Help, and a 'GROUND TRAFFIC CONTROL' title. A red box highlights the text "Requires GPS Firmware Version 2.94 or Newer". The main content area shows a "Summary Report" for "GPS Engine Hours" for the date range "2011 To: 6/23/2011". A dropdown menu is open over the "GPS Engine Hours" link, listing various report options such as "View", "Asset Expiry", "Asset Statistics", "GPS Engine Hours", "GPS Units", "GPS Unit Details", "Odometer", "JBus 1708/1939", "Mileage Report", "Missing Inspections", "Open Defects", "Repairs", "Repair Time", "Tracking", and "View Alerts". The "GPS Engine Hours" option is highlighted. Below the menu, there are filters for "Date Begin" (2011 June) and "Date End" (2011 June). A table shows the report data for asset 32161\_Dave\_Garmin, with columns for "No.", "Asset", "First Power On", "Power Off", "Power Off Zone", "Ending Hour Meter", and "Elapsed Hours". The table shows a total of 38 power off events, a combined total of 2464.8 hours, and 118.3 elapsed hours.

No.	Asset	First Power On	Power Off	Power Off Zone	Ending Hour Meter	Elapsed Hours
1	32161_Dave_Garmin	2011-06-01 08:40:25	38	Combined Totals	2464.8	118.3



# Usability

## Drivers, Driver Expiry

- Added CSV export option to Expiry reports

## GPS, Zones, Manage

- The Circle tool in GPS-> Zones-> Manage was recently changed to be in feet, like in the CSV import. The radius entry box now includes a label to show the radius is displayed in feet

**Zones**

Create Edit Export Import

1. Select drawing tool:

2. Draw Zone

3. Enter zone details:

Zone Name

Category

-- select a category --

[manage categories](#)

Radius feet

4. Save



# Usability

## Modules, PTO Engine Hours

- Added clarification to version 2 report. New column naming convention reflected below:

The screenshot displays the ZONAR GROUND TRAFFIC CONTROL software interface. At the top, the ZONAR logo is on the left, and the product name 'GROUND TRAFFIC CONTROL™' is on the right. Below the logo is a navigation menu with items: Home, Inspections, Drivers, Assets, GPS, Modules, and Help. On the right side of the menu are icons for Suggestions and Logout. The main title of the report is 'PTO Engine Hours'. Below the title, there are filters for 'Asset No.' (set to 'All Separately'), 'GPS Zone', 'From' (2011 May 24), 'To' (2011 June 14), 'Idle Time Filter' (HH, MM, SS), and 'Idle Violation Threshold' (HH, MM, SS). The 'Input' is set to 'PTO'. A 'Show Version 2 Report' checkbox is checked. Below the filters, a yellow banner indicates 'Row 1 to 20 of 100' and provides pagination links '1 2 3 4 5 Last'. The main data table has the following structure:

No.	Asset No.	Idle Count	Idles Containing PTO (Note: Idle times = Idle - PTO)				# Violations	Log Details	
			Max Idle Time	Total Idle Time	Idle Time Violation	PTO Hours		Idle Times	Violations
1	<a href="#">1216</a>	24	02:06:02	03:32:46	03:32:46	22:25:14	17	<a href="#">View All</a>	<a href="#">View All</a>
2	<a href="#">1238</a>	28	00:00:00	00:00:00	00:00:00	00:00:00	0	<a href="#">View All</a>	<a href="#">View All</a>
3	<a href="#">1241</a>	76	04:58:33	06:11:09	06:11:09	07:33:44	22	<a href="#">View All</a>	<a href="#">View All</a>



# Usability

## Various Reports\*

- Added “Home” location to CSV export to the following number GTC reports:
  - Drivers, Driver Statistics
  - Modules, GPS Timecard
  - Inspections, Unverified Inspections
  - Inspections, Incomplete Inspections
  - Inspections, Inspection Cost
  - GPS, Mileage by State
  - Assets, Mileage Report
  - Assets, Open Defects

\* if you are interested in this feature, please contact Customer Care



# Additional Features

## Home, Admin, Admin Assets, Manage

- Added an option to filter the asset management screen by auto created assets

The screenshot shows the ZONAR Ground Traffic Control Admin Assets management interface. The header includes the ZONAR logo and the text "GROUND TRAFFIC CONTROL". The navigation menu contains: Home, Inspections, Drivers, Assets, GPS, Modules, Help. The right side of the header has "Suggestions" and "Logout".

The main content area is titled "Admin Assets". It features a search bar with "Search in Asset No." and a dropdown menu. Below the search bar, there is a "Select Asset" dropdown, radio buttons for "Edit" (selected) and "Expiry", a "Go" button, and a link "Add an Asset". On the right, there are checkboxes for "Show Inactive" (checked) and "Show All" (checked), and a dropdown menu for "Asset Type" set to "Auto-Created Type (-2)", which is highlighted with a red box. An "Apply" button is next to it.

Below the search area, it says "Row 1 to 11 of 11". A table displays the asset data:

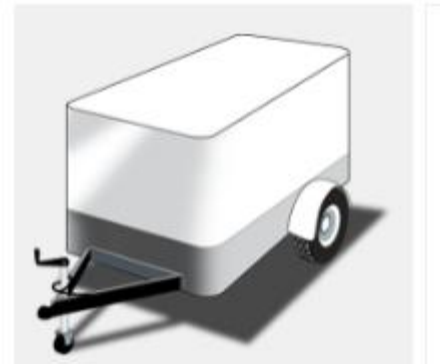
Asset No.	ECU VIN	GPS Serial #	Tag	Type	Location	Mileage	Active	Edit	Expiry
▲	▲	▲	▲	▲	▲	▲	▲		
a10022	11		None	Auto-Created Type	UNKNOWN		NO	edit...	expire...
<a href="#">AUTO GPS 5323182</a>	11		None	Auto-Created Type	UNKNOWN		NO	edit...	expire...
<a href="#">AUTO GPS 5323182 2</a>	11		None	Auto-Created Type	UNKNOWN		NO	edit...	expire...
<a href="#">AUTO GPS 6320416</a>	11	6320416	None	Auto-Created Type	UNKNOWN		NO	edit...	expire...



# Additional Features

## Home, Admin, Admin Attributes, System Attributes

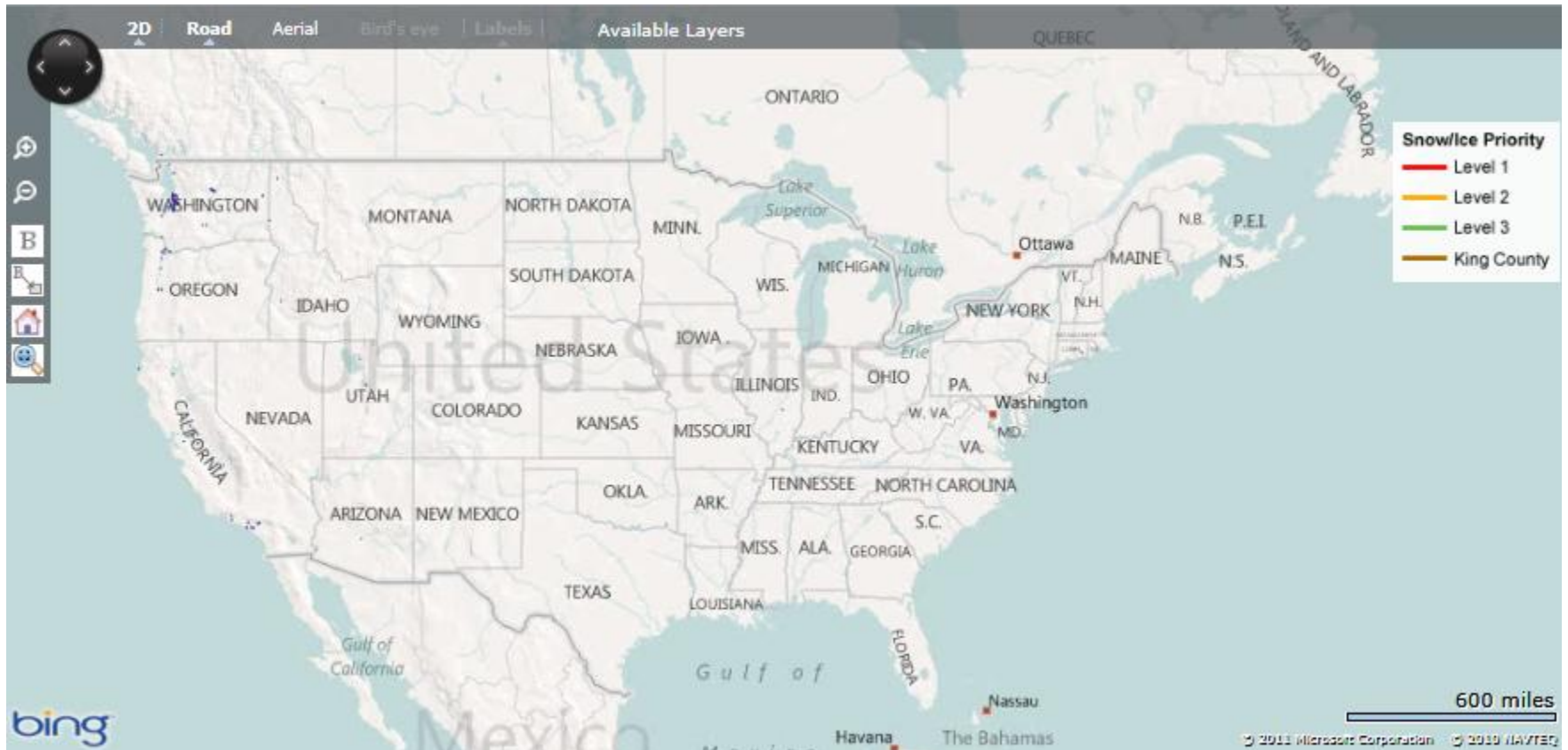
- Added an icon for Animal Control vehicle
- Added an ATV icon
- Added a small trailer icon



# Additional Features

## Maps

- GTC application has been updated to use the new style of Bing maps



# Additional Features

## Assets, Open Defects

- Added ability to add repair notes to a pending repair.
  - If any defects are listed as “Pending” in the Open Defects report, an “Add Note” link is shown in the “Pending” column. Once the note is added, it appears in the report, the EVIR and will be included in the CSV export



# Ability to Add Repair Notes to a Pending Repair Continued

## Open Defects for Asset 1381 <sup>i</sup> (Location: Vermont)

Back To All Open Defects Show New Defects Only  Apply Show Defect Details

Row 1 to 5 of 5  
Page 1

No.	Date	Asset No.	Zone	Component	Condition	Status	Location	EVIR	Repair	Print	Pending
1	18-Apr-2011	<sup>i</sup> 1381	ENGINE COMPARTMENT	BATTERIES	DEAD	<sup>i</sup>		2250	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">select all</a> <a href="#">Edit Note</a>
<b>Pending Note:</b>		Battery is currently on order, from Nebraska.									
2	18-Apr-2011	<sup>i</sup> 1381	LEFT SIDE CAB	BATTERIES	DEAD	<sup>i</sup>		2250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	18-Apr-2011	<sup>i</sup> 1381	RIGHT SIDE CAB	BATTERIES	DEAD	<sup>i</sup>		2250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	07-May-2011	<sup>i</sup> 1381	PRE TRIP REVIEW	PERFORMED PRE TRIP	6147	<sup>w</sup>		2501	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	03-Jun-2011	<sup>i</sup> 1381	INSIDE CAB	WIPERS/WASHER	DAMAGED	<sup>w</sup>		2977	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Shop Copy  
  Standard  
   

Did the above defects require repairs or corrective actions to resolve?  
  

Back  
 Location Filter: All Locations  
 Attribute Filter: N/A  
 Help

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Connected to: dbr55\_hoo0702  
 User: daved  
 Language: en  
 Time Zone: US Pacific  
 Version: RC2.77.3  
 DB Version: 4.24.28.0



# Additional Features


## Module, Missing Inspections with PTO Engaged\*

- This is a new module with the I/O count added in a column to the report

\* If you are interested in this feature, please contact Customer Care.



# Missed Inspection Module for PTO Engaged Continued


GROUND TRAFFIC CONTROL™

Home ▾ Inspections ▾ Drivers ▾ Assets ▾ GPS ▾ Modules ▾ Help ▾
Suggestions Logout

### Track Missing Inspections with PTO

**Type:**

- Any Type
- CRANE UNIT
- PRE TRIP REVIEW
- AERIAL BUCKET
- PULLER TENSIONER
- TRAILER PICK/DROP

**Select Zone:**  
-- All Zones --

**Attribute Filters:**  
Select Filters

**Select Attributes:**  
Select Attributes

**from:** 2011-05-02 00:00

**to:** 2011-05-02 23:59

**Hours Operated:**  
N/A

**Distance Traveled:**  
N/A

**Input:**  
PTO

Row 1 to 20 of 20  
Page 1

No.	Asset	Day	Activity Started	Activity Ended	Distance (Miles)	Input Count	Location
1	1502	Mon 2 May 2011	13:12:46	14:11:17	32.3 Miles		Home
2	1374	Mon 2 May 2011	09:09:00	16:41:49	36.0 Miles	1	Home
3	1530	Mon 2 May 2011	09:07:34	14:10:21	18.4 Miles		Home
4	1526	Mon 2 May 2011	08:14:00	08:58:07	9.2 Miles		Home
5	1516	Mon 2 May 2011	05:58:05	16:40:16	12.4 Miles	3	Home
6	1415	Mon 2 May 2011	05:51:04	07:08:23	10.0 Miles		Home
7	459	Mon 2 May 2011	05:06:23	10:12:11	9.5 Miles		Home
8	1362	Mon 2 May 2011	05:02:06	16:42:10	22.9 Miles	4	Home
9	1355	Mon 2 May 2011	04:58:04	16:41:30	29.9 Miles	13	Home
10	1515	Mon 2 May 2011	04:56:22	19:05:09	70.7 Miles	9	Home
11	1357	Mon 2 May 2011	04:53:37	16:40:18	22.8 Miles	5	Home
12	1477	Mon 2 May 2011	04:53:18	16:42:04	21.4 Miles	1	Home
13	1520	Mon 2 May 2011	04:48:52	16:42:01	54.3 Miles		Home
14	1523	Mon 2 May 2011	04:45:52	17:07:40	52.8 Miles	10	Home
15	1361	Mon 2 May 2011	04:41:23	17:23:54	32.2 Miles	11	Home
16	1375	Mon 2 May 2011	04:37:17	16:42:51	54.4 Miles	3	Home
17	1483	Mon 2 May 2011	04:14:30	13:19:12	66.6 Miles		Home
18	1531	Mon 2 May 2011	03:59:02	18:29:57	69.4 Miles		Home
19	1509	Mon 2 May 2011	03:08:09	14:16:16	117.2 Miles		Home
20	1546	Mon 2 May 2011	00:55:00	02:59:19	87.2 Miles		Home

[Set Home Page](#)  
[Back](#)

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Connected to: dbr55\_hoo0702



# Bugs Corrected

- **GTC-120:** Fixed issue in the Mileage by State Report where the Attribute Filter would override the asset selection
- **GTC-123:** Fixed display issue in the Stop Times Report filter
- **GTC-185:** Added code to force the Arbitrary Data/Auxiliary Data Module to respect the location filter
- **GTC-440:** Added code to fix the closest 5/10 assets function on the map pages
- **GTC-468:** Fuel Path Report label now respects the liters vs. gallons account setting
- **GTC-475:** Fixed issue with CSV export in the Schedule Report
- **GTC-539:** GPS Units Details Report, added code to display the info buttons consistently
- **GTC-580:** Added code to page results in the Input Module
- **GTC-585:** In the Schedule Reports, Type 1 and Type 2, now show consistent date and time
- **GTC-613:** Fixed an issue with sorting in the Assets, Driver Statistics Report
- **GTC-616:** Added code to improve the speed of the Assets, Open Defects page
- **GTC-661:** Fixed issue with GPS Stop Time Report that displayed assets with no GPS unit assigned

