

M1047 - AVI Site Survey Instructions

Introduction

Thank you for your consideration to purchase the OPW Fuel Management Systems Auto Vehicle Identification AVI Solution. This form was sent to you so we can best understand your site configuration and match the AVI Solution options to your unique needs.

To best use this form it is recommended to have the latest version of Adobe Acrobat Reader. To download the latest free version use this link: <https://get.adobe.com/reader/>

Fillable Form

Fill out each of the sections as completely as possible. Click in the blue text fields and type your responses. The text fields are expandable so you can type in as much specific information as needed. Where distances and capacities are entered be sure to select the applicable radio button to specify the unit of measure (feet or meters, gallons or liters).

Site Sketch and Photographs

A site sketch must be provided so that we have a visual representation of the layout of your site. Also helpful are all related photographs that can give more specific info. Thus, a feature has been included that lets you attach files directly to this form. See the last page of the form for instructions on how to attach your Site Sketch and photos.

Recommended Procedure

The procedure shown below is the best way to share your site information with OPW Fuel Management Systems and is recommended. Make sure you have the latest version of Acrobat Reader installed on your PC or laptop (see link above).



TIP:

Save a copy of the form, your Site Sketch and all photos that you will send to FMS in the same folder on your computer desktop. If a service representative calls with questions you can go to one location to find all of the material you sent.

- Draw your Site Sketch on a separate sheet. Be sure to include all of the necessary information.
- Scan the Site Sketch and save it to your PC or laptop.
- Fill out all of the sections of the form.
- Use the instructions on the page 9 of this form to attach your saved Site Sketch directly to the form.
- Use the same procedure to attach all related photographs.
- Click the Submit Form button at the bottom of the last page to send the completed form to OPW Fuel Management Systems as an email attachment.
- Save the completed form to your PC or laptop for safekeeping and future reference.
- Optional: You can also click the Print Form button on the bottom of the last page to print a hard copy of the form.

Pump Information

Number of pumps:

What type of pumps are installed? Electronic Mechanical

Number of nozzles on each dispenser:

Nozzle Type: OPW 11A OPW 7H Other (specify):

Enter the pump model(s):



NOTE:

Gasboy 9800/8000 and Wayne Selects cannot interface with PCMs and must be converted to DPC.



NOTE:

Mechanical pumps must use in-use detection for the handle monitor board. Enter the Ohms measured when the handle is up and when the handle is down.

Are there satellite pumps installed at this site? Yes No

Unobstructed distance between pumps on islands. (indicate feet or meters).

Feet Meters

Indicate on the Site Sketch obstructions between the pumps and the proposed position of the AVI Pedestal.

Indicate the distance between pump islands. (indicate feet or meters).

Feet Meters

Is there a canopy over pumps? Yes No

If yes, Enter the canopy height, width and material:

Ground composition around pumps: Concrete Gravel Sand Other

If other, indicate:

Number of pumps to be system enabled:

Provide information on the type of board, Eprom version and data communications cable condition:

Fuel Grades Dispensed for Each Pump and Hose Number

<p align="center">Pump 1</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 2</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 3</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 4</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>
<p align="center">Pump 5</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 6</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 7</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>	<p align="center">Pump 8</p> <p>Make and Model:</p> <p>Hose:</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p>

In the Site Sketch, diagram the pump to tank configuration – what pump is connected to what tank

Automatic Tank Gauges

Is there an existing ATG system installed? If yes, specify make, model of the ATG system.

Yes

No

Does the ATG console have RS232/RS485 output? Yes No

Do you do reconciliation in your ATG? Yes No

What is the location of the ATG console?

Distance between the ATG Console and the proposed Pedestal / Pump Controller?

Feet Meters

Does the Customer require an ATG system if one is not currently installed? Yes No

Indicate the number of tanks, and for each, specify the product and capacity (if a product is not listed in the drop-down, type it directly into the Product field):

Tank #	Product	Capacity (uom)	Gallons	Liters
1				
2				
3				
4				
5				
6				
7				
8				

Vehicle and Driver Information

Total Pieces of Equipment to be tagged:

Number of Vehicles to tag:

Light Duty Vehicles:

Heavy Duty Vehicles:

Tag Only Vehicles:

Tag and Engine Hours:

Tag and Mileage Vehicles:

Number of vehicles available for training:

Do you want to identify the driver during transactions? Yes No

Are there vehicles with fuel inlets on both sides of the vehicle? Yes No

Do you have Dodge Ram Pickups? Yes No

Is there any non-standard equipment installed on the vehicle? Yes No

If non-standard, is it wireless? Yes No If Wireless, specify: 900mhz 2.4Ghz

Notes and Additional Information

Use the space below for notes or additional information.

Tag Types to Order

Use the form fields below to select the tag part numbers for your site. Enter the number of tags to order in the gray fields to the right of the applicable tag part number and size.

For Flexible, Mini-Flex and Flexible with Tail tags, it is recommended to measure the fuel inlets to find the correct size tags.

To find the correct size tag, measure the Outside Diameter of the Inlet (in millimeters) and add 10 mm to the measurement.

For in-between measurements, order a tag the next size larger.

Example:

An inlet's outside diameter is measured at ~55 mm. $55 + 10 = 65$ mm. rounded up to the next largest size, you would order a 70 mm tag.

Mini-Flex		
Part Number	Size	Qty
54-10016002	60mm (2.4")	
54-10016003	70 mm (2.76")	
54-10016004	80 mm (3.15")	
54-10016005	90 mm (3.54")	
54-10016006	100 mm (3.94")	
54-10016007	110 mm (4.33")	
54-10016008	120 mm (4.72")	
54-10016009	130 mm (5.12")	

Flexible		
Part Number	Size	Qty
54-10016010	60mm (2.4")	
54-10016011	70 mm (2.76")	
54-10016012	80 mm (3.15")	
54-10016013	90 mm (3.54")	
54-10016014	100 mm (3.94")	
54-10016015	110 mm (4.33")	
54-10016016	115 mm (4.53")	
54-10016017	120 mm (4.72")	
54-10016018	130 mm (5.12")	
54-10016019	140 mm (5.51")	
54-10016020	150mm (5.91")	

Flexible with Tail		
Part Number	Size	Qty
54-10016081	60mm (2.4")	
54-10016082	70 mm (2.76")	
54-10016083	80 mm (3.15")	
54-10016084	90 mm (3.54")	
54-10016085	100 mm (3.94")	
54-10016086	110 mm (4.33")	
54-10016087	115 mm (4.53")	
54-10016088	120 mm (4.72")	
54-10016089	130 mm (5.12")	
54-10016090	140 mm (5.51")	
54-10016091	150mm (5.91")	

GPS GOS Antenna Types		
Part Number	Size	Qty
75-3049	Roof-Mount	
75-3050	Adhesive Mount	

Specialty Tags		
Part Number	Desc.	Qty
54-10016021	Antenna Holder 150 mm	
54-10016023	Button Tag	
54-10016028	Collar 50-90mm	
54-10016029	Collar 50-120mm	
54-10016030	Collar 70-150mm	
54-10016032	Moon Self Destruct	
54-10016022	Truck Tag Side Facing	
54-10016074	Truck Tag Top Facing	
54-1258	Wiggins Hex Adapter	
54-90007084	Hexagonal ZNC3/4	

Packages	
Type	Qty
Mileage Package	
Engine Hours Package	
Tag Only Package	

Tag and Antenna TOTALS	
Total Number of Tags Selected	
Total Number of Antennas Selected	

Reminder:

Make sure you include your Purchase Order Number on the first page and include a copy of your Purchase Order when you submit this form.

Site Sketch

If you have Acrobat Reader XI or later you can attach your site sketch below.

- Draw your site scetch on a separate sheet.
- Scan the site scetch you drew.
- Save the scanned image to your PC.
- Attach the scanned image to this form:
 - » Select View > Tools > Comment > Open. The Comments and Annotations toolbar will open.
 - » Click the triangle next to the paperclip icon and select “**Attach File**” from the dropdown (Your cursor will change to a push-pin icon).
 - » Click anywhere on the page and you will be prompted to select a file to attach.



Make sure you include:

- The location of existing Fuel Island Terminals (FITs).
- The location of your Fuel Site Controller.
- The preferred location for your FSC antenna (if applicable).
- The location of pump islands.
- The distance between pump islands.
- The proposed location of your AVI pedestal.
- Obstructions between pumps and the proposed location of your AVI system pedestal.
- The pump to tank configuration.



NOTE:

Make sure you attach/send all related site photographs.

If you have an older version of Acrobat Reader you can print this form and draw the sketch on the next page.

When you have completed this form, select the button below to send it to OPW Fuel Management Sys-

If you do not attach your site sketch you can manually draw it in the next page.

