WellPilot

Rod Pump Optimization Controller

Modbus Manual

Weatherford

Modbus ASCII & RTU Protocol

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Introduction and Overview

The Modbus protocol provides the standard for exchanging messages in a Modbus network. During communications on a Modbus network, the protocol determines how each controller identifies its device address, recognizes messages addressed to it, determines the kind of action to be taken, and extracts any data or other information contained in the message. If a response is required, the RPC constructs the reply message and sends it. A master-slave configuration is used for communication. The master (usually a central host) can address individual slaves (RPCs).

Two serial communication modes, ASCII or RTU, are supported and all devices in the network must use the same mode. In ASCII mode, each 8-bit byte is sent as two ASCII characters. The main advantage of this mode is that is allows time intervals of up to one second to occur between characters without causing an error. This may be important in a radio-based system. In RTU mode, data is sent as an 8-bit binary. This means that roughly twice as much data can be sent in the same time when compared to ASCII. However, the time between characters is used to determine the end of a message and therefore is more sensitive to intercharacter gaps than the ASCII mode.

Command Support

Table 1 shows the Modbus function codes to perform the following tasks.

Table 1: Modbus Function Codes

Code	Description / Function
03	Read Numeric
06	Set Single Numeric
16	Set Multiple Numeric (Set time and data parameters)

Data Framing

The majority of parameters are stored and managed in 16-bit data field registers. This is standard data architecture for the system and the design of the system is built around this convention. Some parameters, such as data and time, exist in the system that 16-bit data fields cannot fully represent. A method is necessary to store this information into 32-bit data fields.

To solve this problem, the RPC uses a "framing" technique to manage situations where a parameter requires two 16-bit registers to manage the data. Therefore, to read P280, the frame must be set to request register 560 (280 * 2) and 561. This protocol makes all start registers and the number of registers to be an even

number. Following are several examples of using the framing approach to perform the three tasks shown in the preceding table.

Read Parameter 280 (AI 1 Input Value)

This is a read numeric function. The Modbus function code is 03.

1. Read P280.

2. Set the start register to 560 (0230 Hexadecimal). This value is two times the parameter number (2 * 280 = 560). The framing format for this task is shown below.

Table 2: Read 280 Parameter Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	0230	0230
# Register Field	0002	0002
LRC Field	C8	--------
CRC Field	--------	C5BC
End Frame	<13> <10> (CR/LF)	--------

The response from the RPC is as follows.

- ASCII – :01030408010000EF<13> <10>
- RTU – 0103040801000093A9

Table 3: RPC Read 280 Response

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	04	04
Data Field (Register 560)	0801 = 2049	0801
Data Field (Register 561)	0000	0000
LRC Field	EF	--------
CRC Field	--------	0X93A9

End Frame	<13> <10>	--------

Read Parameter 3 (Time of Day)

This is a read numeric function. The Modbus function code is 03.

1. Read P3.

2. Set the start register to 6 (0006 Hexadecimal). This value is two times the parameter number (2 * 3 = 6). The framing format for this task is shown as follows.

Table 4: Read P3 Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	0006	0006
# Register Field	0002	0002
LRC Field	F4	--------
CRC Field	--------	240A
End Frame	<13> <10>	--------

The response from the RPC is as follows.

- ASCII – :010304467600013B
- RTU – 0103044676000161CF

Table 5: RPC Read 3 Response

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Byte Count	04	04
Data Field (Register 6)	4676	4676
Data Field (Register 7)	0001	0001
LRC Field	3B	--------
CRC Field	--------	61CF

End Frame	<13> <10>	--------

Two registers are necessary to represent time, 007 (MSW) and 006 (LSW) contains 00014676 in Hexadecimal notation. This is equivalent to 83574 in base 10 and is the number of seconds elapsed since 00:00:00 which equals 23:12:54.

Read Parameter 4 (Current Date)

This is a read numeric function. The Modbus function code is 03.

1. Read P4.

2. Set the start register to 8 (0008 Hexadecimal). This value is two times the parameter number (2 * 4 = 8). The framing format for this task is shown below.

Table 6: Read P4 Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	0008	0008
# Register Field	0002	0002
LRC Field	F2	--------
CRC Field	--------	4C59
End Frame	<13> <10>	--------

The response from the RPC is as follows.

- ASCII – :010304230C0000C9
- RTU – 010304230C0000B431

Table 7: RPC Read P4 Response

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Byte Count	04	04
Data Field (Register 008)	230C	230C

Data Field (Register 009)	0000	0000
LRC Field	C9	--------
CRC Field	--------	B431
End Frame	<13> <10>	--------

Register 009 (MSW) and 008 (LSW) = 0000230C = 8972. This is the number of days since 01/01/70. This value, 8972, is equivalent to 07/25/94.

Modify Parameter 287 (AI-1 Scaling High Value)

This is a set multiple numeric function. The Modbus function code is 16.

1. Modify P287 to a value of 3000 (0BB8 Hexadecimal).
2. Set the start register to 574 (023E Hexadecimal). This value is two times the parameter number (2 * 287 = 574). The framing format for this task is shown below.

Table 8:Modify 287 Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	16	16
Start Register Field	023E	023E
Quantity Field	0002	0002
Byte Count Field	0004	0004
New Data (LSW)	0BB8	0BB8
New Data (MSW)	0000	0000
LRC Field	XX	--------
CRC Field	--------	XXXX
End Frame	<13> <10>	--------

The response from the RPC is as follows.

- ASCII – :0110023E0002BD <LRC> <13> <10>
- RTU – 0110023E0002 <CRC>

Modify Parameter 3 (Time of Day)

This is a set multiple numeric function. The Modbus function code is 16.

1. Modify P3 to 10:00:00.

2. Set the start register to 6 (0006 Hexadecimal). This value is two times the parameter number (2 * 3) = 6). The framing format for this task is shown below.

Table 9: Modify P3 Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	16	16
Start Register Field	0006	0006
Quantity Field	0002	0002
Byte Count Field	0004	0004
New Data (LSW)	8CA0	8CA0
New Data (MSW)	0000	0000
LRC Field	XX	--------
CRC Field	--------	XXXX
End Frame	<13> <10>	--------

The response from the RPC is as follows.

- ASCII – :01100060002 <LRC> <13> <10>
- RTU – 01100060002 <CRC>

Registers 007 and 006 contain 00008CA0 in Hexadecimal notation. This equals 36000 in base 10. This value, 36000, is the number of seconds to set the time to 10:00:00.

Modify Parameter 4 (Today's Date)

This is a set multiple numeric function. The Modbus function code is 16.

1. Modify P4 to 08/01/94.

2. Set the start register to 8 (0008 Hexadecimal). The framing format for this task is shown as follows.

Table 10: Modify P4 Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	16	16

Start Register Field	0008	0008
Quantity Field	0002	0002
Byte Count Field	0004	0004
New Data (LSW)	0000	0000
New Data (MSW)	2313	2313
LRC Field	XX	--------
CRC Field	--------	XXXX
End Frame	<13> <10>	--------

The response from the RPC is as follows.

- ASCII – :01100080002 <LRC> <13> <10>
- RTU – 01100080002 <CRC>

Register 009 (MSW) and 008 (LSW) contains 00002313 in Hexadecimal notation. This is equivalent to 8979 in base 10. This value, 8979, is the number of days since 01/01/70 that corresponds to 08/01/94.

Card Data Mapping

In the RPC, a complete normalized card consists of 100 pairs of data points. Each pair has a load value and a position value. Because of this design, two Modbus registers are required to each data point. Consequently, 200 Modbus registers are allocated for the corresponding 100 data points. Since Modbus is limited to 125 registers at a time that can be addressed, at least two requests are necessary to obtain a complete card. Different types of cards are obtained by setting the following registers.

Table 11: Card Data Mapping Definitions

Description	Register	Parameter
Card Type	Register 04CC	P614 Value
Startup	0000	0
Live Action	0001	1
Shutdown	0002	2
Card Option	Register 04CE	P615 Value
Pound	0000	0
Percent	0001	1
Card Number	Register 04D0	P616 Value

Card 1	0000	0
Card 2	0001	1
Card 3	0002	2
Card 4	0003	3
Card 5	0004	4
Position Type	Register 04D2	P617 Value
Synthesized Fraction	0000	0
Fractional Actual	0001	1
Voltage	0002	2

Following is an example to request startup card 2 in pounds with fractional actual position.

1. Set P614 to 0000 – 011004CC00020400000000 (Startup Card)
   Set P615 to 0000 – 011004CE00020400000000 (Pound Option)
   Set P616 to 0001 – 011004D000020400010000 (Card Number 2)
   Set P617 to 0001 – 011004D200020400010000 (Fractional Actual Position).

2. Request the first 50 pairs of data points (100 registers).
Set the start register to 5000 (1388 Hexadecimal).

Table 12: Requesting 50 Pairs of Data Points Framing Format

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	1388	1388
# Register Field	0064	0064
LRC Field	<LRC>	--------
CRC Field	--------	<CRC>
End Frame	<13> <10> (CR/LF)	--------

The response from the RPC is as follows.

- ASCII – :0103C833A9B0000399C0040 …… 3B06FFB969

- RTU – 0103643A9B0000399C0040...... 3B06FFB964FD

Table 13: RPC Response

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Byte Count	C8	C8
Load Data (001)	3A9B	3A9B
Position Data (001)	0000	0000
…	…	…
Load Data (050)	3B06	3B06
Position Data (050)	FFB9	FFB9
LRC Field	69	--------
CRC Field	--------	64FD
End Frame	<13> <10>	--------

Request the second 50 pairs of data points (100 registers).
Set the start register to 5100 (13EC Hexadecimal).

Table 14: Requesting 2nd Set of 50 Pairs

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Start Register Field	13EC	13EC
# Register Field	0064	0064
LRC Field	<LRC>	--------
CRC Field	--------	<CRC>
End Frame	<13> <10> (CR/LF)	--------

The response from the RPC is as follows.

- ASCII – :0103C83C25FFFD3C6DFFBC 3B61004225

- RTU – 0103C83C25FFFD3C6DFFBC …… 3B610042D9DB

Table 15: RPC Response

Command	ASCII Mode	RTU Mode
Beginning Frame	:	
Address Field	01	01
Function Field	03	03
Byte Count	C8	C8
Load Data (1)	3C25	3C25
Position Data (1)	FFFD	FFFD
…	…	…
Load Data (50)	3B67	3B67
Position Data (50)	0042	0042
LRC Field	25	--------
CRC Field	--------	D9DB
End Frame	<13> <10>	--------

Response Codes

Response codes are an indication of error from the RPC.

Table 16: RPC Response Codes

Code	Name	Possible Cause
01	Bad Function	Incorrect Command Length
02	Bad Address	Valid Address 2 – 1598 and 10000 – 15800
07	NAK	Attempt to modify RO parameter.
08	No Data Available	Request live card buffer when pump is idle.

New MODBUS Card Data Mapping (Surface and Downhole with Event cards)

The event directory and event cards can be retrieved over MODBUS along with a complete set of surface and downhole dynograph card data.

Event Directory Retrieval – FC 04; Registers 35000-36535
Retrieving the event directory is comprised of two types of request: initial and continuation.

Initial Request – FC 04; Register 35000
An initial request is required to capture and store the latest event directory into a temporary buffer. The initial request is triggered by requesting the first register of the event directory, 35000. Multiple registers can be requested, however, the request must begin at address 35000 to be considered an initial request.

Here is an example of a MODBUS RTU request and response that would trigger an initial request and reply with data for the first event in the event directory:

Table 1: MODBUS RTU initial request + 1 event data.

Dev ID	FC	Address	# of Pnts	CRC
XX	0x04	0x1388	0x001E	XXXX

Table 2: MODBUS RTU reply to initial request + 1 event data.

Dev ID	FC	Byte Count	Data	CRC
XX	0x04	0x0C	0x00000ED911F75F1000050001	XXXX

This reply shows a successful response and the first directory event with the following data:

Name	Hex Value	Decimal Value
Event ID	0000	0
Reason Code	0ED9	3801 – Normal Pump-off
Timestamp	11F75F10	301424400 – 07/20/2009@12:00:00
Number of Cards	0005	5
Is Downhole?	0001	1 – downhole data is available for this event

Event Directory Configuration Parameters

Table 3: Event directory configuration parameters.

Parameter #	Details
4926	Event Filter – Represents a bit-mapped value. The lowest three bits each indicate, when set, that one of the event types is to be included in the directory data returned. A value of '0' is invalid, as it would return no data. The mapping of the bits is shown below. |		
---	---	---
0	Fault Events	1
1	Alarm Events	2
2	Plain Events	4	 A combination of bits can be set to provide multiple event types. Example 1: P4926 = 6 would provide a directory including both alarm and plain events but not fault events. Example 2: P4926 = 7 would provide all three event types, the entire directory.

Continuation Requests

Requests made for any event directory register that is not the initial request register is considered a continuation request. Continuation requests do not capture the latest event directory. Instead, it provides the last captured data stored in the temporary buffer by the initial request. Multiple continuation requests can be made once an initial request populates the buffer. However, attempting a continuation request before the buffer is initialized will result in a MODBUS exception indicating that no data is available. A new initial request should be triggered whenever the user wishes to update the buffer with the latest event directory.

Shared Memory

The temporary buffer used to store the last captured event directory is shared with the event card retrieval. Hence, an initial request made by the event directory retrieval will clear the event card data from the buffer and vice-versa. Therefore, an initial request is required when switching between reading event directory registers and event card registers.

Padding Empty Events with 0's

The event directory contains the event data in reverse chronological order (i.e. the newest event is at the top). If the event directory is not full (i.e. not enough events or filtered events), then the remaining registers will be padded with 0's.

Event Directory MODBUS Table

The event directory can hold up to 256 events. Each event occupies the data listed in the table below.

Table 4: MODBUS table for event directory.

Register Block	Register Name	# of Registers	Data Type	Description
Event List x256 35000	■■■	1536	■■■	256 events, each containing the data listed below.
	Event ID	1	UINT16	Event Identification Number – Event ID value of 0 to 255.
	Reason Code	1	UINT16	Event reason code.
	Timestamp	2	UINT32	Time in seconds similar to unix time except that it uses an epoch date of 01/01/2000 instead of 01/01/1970. To obtain the equivalent unix time, add 946684800 to the value. **NOTE**: 32-bit unix time is only valid until 03:14:07 GMT on 01/19/2038. **NOTE**: Time is local time, not GMT.
	# of Cards	1	UINT16	Number of cards stored with the event. Value of 0 to 5.
	Is Downhole?	1	UINT16	Downhole data available flag. 0 = No downhole data stored with the event. 1 = Valid downhole data is stored with the event. **NOTE**: Even if set to "1", some cards in the event may not have downhole data calculated or may not have complete data.

Event Card Retrieval – FC 04; Registers 30001 – 34036
Retrieving an event card is comprised of two types of request: initial and continuation.

Initial Request – FC 04; Register 30001
An initial request is required to capture and store the requested event card into a temporary buffer. The initial request is triggered by requesting the first register of the event card, 30001. Multiple registers can be requested, however, the request must begin at address 30001 to be considered an initial request.

Here is an example of a MODBUS RTU request that would trigger an initial request and reply with event header data:

Dev ID	FC	Address	# of Pnts	CRC
XX	0x04	0x0001	0x0006	XXXX

Here is an example of a MODBUS RTU request and response that would trigger an initial request and reply with event header data:

Table 5: MODBUS RTU initial request + event header.

Dev ID	FC	Address	# of Pnts	CRC
XX	0x04	0x0001	0x0006	XXXX

Table 6: MODBUS RTU reply to initial request + event header.

Dev ID	FC	Byte Count	Data	CRC
XX	0x04	0x0C	0x00000ED911F75F1000050000	XXXX

This reply shows a successful response and the following event header:

Name	Hex Value	Decimal Value
Event ID	0000	0
Reason Code	0ED9	3801 – Normal Pump-off
Timestamp	11F75F10	301424400 – 07/20/2009@12:00:00
Number of Cards	0005	5
Load Scale Index	0000	0 – no scaling required

Event Card Configuration Parameters

Table 7: Event card configuration parameters.

Parameter #	Details
4920	Card Type – Specifies the card type to retrieve. 0 = Startup – Retrieves the most recent startup card. 1 = Shutdown – Retrieves the most recent shutdown card. 2 = Current – Retrieves cards from the last 5 strokes. 3 = Event – Allows the user to specify which event card to retrieve based on the event ID. If changed, an initial request must be issued to take effect.
4921	Event Identifier – If Card Type (P4920) is set to 3 (Event). This parameter identifies which event to retrieve from the event buffer directory or a card set from a previous card request. This parameter is ignored for any request for a Card Type (P4920) other than Event. If changed, an initial request must be issued to take effect.

Parameter #	Details
4922	Card Size – Allows the user to choose between: 0 = Standard200 – Provides a standard set of surface and downhole card data. Can contain up to 200 points of data for surface/downhole. Depending on the speed of the pump, the number of actual points will vary from stroke to stroke. If less than 200 points exist, the remaining points will be padded with 0's. 1 = Norm100 – Creates uniformity among cards collected by normalizing the surface and downhole data so that each will contain exactly 100 points every time. The last 100 points will be padded with 0's. Only applies if the card data contains >100 points, otherwise, the data will not be normalized. If Noramalized100 is selected, the user can safely ignore the last 100 points (200 registers), for surface and downhole data. This can be used to reduce the amount of registers required to map the entire event card. **NOTE**: Normalizing the data provides a card similar to the card generated by the controller, but because of normalizing, some data is lost and the final card will not be a true representation of what the RPOC uses for control. Can be changed without issuing an initial request.
4923	Card Source – Manipulates the MODBUS registers by specifying if the registers should contain: 0 = Both Surface and Downhole data 1 = Surface data only 2 = Downhole data only If surface or downhole only is selected, the MODBUS registers associated with the excluded card source will be reused by the included source. This can be used to reduce the amount of registers required to map the entire event card. Can be changed without issuing an initial request.

Parameter #	Details
4924	# of Strokes – Manipulates the MODBUS registers by specifying if the registers should contain: 0 = All Cards 1 = Single Card – Allows the user to specify which card to retrieve based on the card # (P4925). If single stroke is selected, the MODBUS registers associated with the first set of card data will be reused to store the user defined card # (P4925). This can be used to reduce the amount of registers required to map the entire event card. Can be changed without issuing an initial request.
4925	Card # - If # of Strokes (P4924) is set to 1 (Single Stroke). This parameter identifies which card to store in the first set of card data registers. Other strokes will not be displayed in the other registers. The Card # is offset by 1 so that "0" represents the first stroke, while "4" represents the last stroke, stroke # 5. This parameter is ignored for when # of Strokes (P4924) is set to 0. Can be changed without issuing an initial request.
4927	Downhole Data Signed Flag – Allows the user to choose between presenting the downhole load values as: 0 = Unsigned 16-bit integers – Matches the surface data registers, which are always unsigned 16-bit integers. The final signed load value can still be determined by applying the load offset value from the card header to each downhole load value retrieved. 1 = Signed 16-bit integers – Applies the load offset value to each downhole load value before sending the value over MODBUS so that the load value returned can be negative. Can be changed without issuing an initial request.

Continuation Requests
Requests made for any event card register that is not the initial request register is considered a continuation request. Continuation requests do not capture and store the latest event card. Instead, it provides the last captured data stored in the temporary buffer by the initial request. Multiple continuation requests can be made once an initial request populates the buffer. However, attempting a continuation request before the buffer is initialized will result in a MODBUS exception indicating that no data is available. A new initial request should be triggered whenever the user wishes to update the buffer with the latest event card.

Padding Empty Events with 0's
If the event card contains less than 5 strokes, no downhole data, or the user configured the request to contain only some of the event card data (i.e. single card), then the remaining registers will be padded with 0's.

Card Data Points
When collecting surface/downhole card data, the number of data points may vary as the pumping unit speeds up and slows down. The host system must count the data pairs based on the Data Count values in the card headers. Note that there are the same number of points in the surface and downhole cards for each card.

Event Card MODBUS Table
Each event card can contain the following data provided over MODBUS:
• 	A single event header.
• 	Up to 5 card headers.
• 	Up to 5 sets of surface data, each with up to 200 points of load & position data.
• 	Up to 5 sets of downhole data, each with up to 200 points of load & position data.

If there are cards in the data set, then following the event header are card headers and card data. The card header and card data are repeated for the # of times specified in the card count of the event header.

Parameters P4922 through P4924 manipulate the location of data in the MODBUS registers.

NOTE: The registers containing the event headers do not change regardless of the settings in P4922 through P4924.

NOTE: The registers containing the card headers and card data shift based on the settings provided in P4922 through P4924. The first card header is always in the same registers.

Calculating Card Data Size

The amount of points provided for a surface/downhole card is determined by the Card Size (P4922). This card size is used to calculate the starting register of the next card header and card data set.

If Card Size (P4922) is set to zero (Standard 200),
$$Card\ Data\ Size = 400\ Registers$$

If Card Size (P4922) is set to one (Norm100),
$$Card\ Data\ Size = 200\ Registers$$

Calculating Next Card Header Starting Register

If Card Source (P4923) is set to zero (Surface+Downhole),
$$Next\ Card\ Header\ Starting\ Register = Current\ Card\ Header\ Starting\ Register + 6\ Card\ Header\ Registers + 2*Card\ Data\ Size$$

If Card Source (P4923) is not set zero (Surface or Downhole Only),
$$Next\ Card\ Header\ Starting\ Register$$
$$= Current\ Card\ Header\ Starting\ Register + 6\ Card\ Header\ Registers + 1*Card\ Data\ Size$$

For example, suppose P4922 = 0 and P4923 = 0. The first Card Header is always in register 30007, so the next card header starting register will be:
$$Card\ Data\ Size = 400$$
$$Next\ Card\ Header\ Starting\ Register = 30007 + 6 + 2*400 = 30813$$

Calculating Next Card Data Set Starting Register

If Card Source (P4923) is set to 1 (Surface Only) or 2 (Downhole Only), you can calculate the starting register of the next card data set as follows:
$$Next\ Card\ Data\ Set\ Starting\ Register = Next\ Card\ Header\ Starting\ Register + 6\ Card\ Header\ Registers$$

If Card Source (P4923) is set to 0, you can calculate the starting register of the next surface data set as follows:
$$Next\ Data\ Set\ Starting\ Register = Next\ Card\ Header\ Starting\ Register + 6\ Card\ Header\ Registers$$

And the next downhole data set as:
$$Next\ Data\ Set\ Starting\ Register = Next\ Card\ Header\ Starting\ Register + 6\ Card\ Header\ Registers + Card\ Data\ Size$$

Table 8: MODBUS table for event card when P4922 = 0 and P4923 = 0

Register Block	Register Name	# of Registers	Data Type	Description
Event Header 30001		6		Only one event header is provided for an event card, containing the data listed below.

Register Block	Register Name	# of Registers	Data Type	Description
	Event ID	1	UINT16	Event Identification Number – Event ID value of 0 to 255 for an event retrieved from the event buffer. 256 or more for a live card set.
	Reason Code	1	UINT16	Event reason code.
	Timestamp	2	UINT32	Time in seconds similar to unix time except that it uses an epoch date of 01/01/2000 instead of 01/01/1970. To obtain the equivalent unix time, add 946684800 to the value. **NOTE**: 32-bit unix time is only valid until 03:14:07 GMT on 01/19/2038. **NOTE**: Time is local time, not GMT.
	Card Count	1	UINT16	Number of cards stored with the event. Value of 0 to 5.
	Load Scaling Index	1	UINT16	Indicates the load scaling factor according to the following table: <table><tr><td>Load Scaling Index</td><td>Multiplier</td></tr><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>2</td></tr><tr><td>2</td><td>4</td></tr><tr><td>3</td><td>8</td></tr><tr><td>4</td><td>16</td></tr></table> If the load value is greater than what can fit in a 16-bit MODBUS register, all values are divided by this scaling factor. Once the load value is retrieved over MODBUS, this scaling factor can be applied to return the load values to their original scaling.

Register Block	Register Name	# of Registers	Data Type	Description
The following card header, surface card data, and downhole card data registers are repeated for up to 5 cards.				
Card Header x5 30007		30		5 card headers, each containing the data listed below.
	Data Count	1	UINT16	Indicates the # of load and position pairs stored in the card data. This value will be in the range of 0 to 200 when P4922 = 0, or 0 to 100 when P4922 = 1.
	Original Count	1	UINT16	Represents the # of raw data points collected at a sample rate of 20 samples per second (50[ms] interval). Each data point consists of a load and position value. During card storage, data points are skipped so that the number of points stored is 200 or less.
	Skip Factor	1	UINT16	Indicates the # of raw data points that are skipped between each recorded point. A value of 0 indicates that no points were skipped, a value of 1 means that alternate points were skipped, 2 means that every 3rd data point was recorded, and so on.
	Load Offset	1	UINT16	Represents the load offset for the downhole card. When the downhole signed (P4927) parameter is set to zero, the load value in each downhole data point is offset by adding this value to make all the values zero or greater and this value must be subtracted from each of the transmitted load values after applying the load scaling factor. When the downhole signed (P4927) parameter is set to one, this offset is applied before transmitting the load value, so no subtraction is required.

Register Block	Register Name	# of Registers	Data Type	Description
	Pump Fillage	1	UINT16	Represents the calculated pump percent fillage in 0.1% increments (i.e. a value of 1000 represents 100%). If the fillage calculation failed, a hex value of 0xFFFF is used.
	Flags	1	UINT16	Represents a 16-bit mapped flag. The meaning of these flags is shown in the following table: |Bit|Description
---	---
0-8	Reserved for internal use
9	Set if there is downhole data calculated for this stroke.
10-15	Reserved for internal use	
Surface Data x5 30013		2000		5 surface card data sets, each containing the data listed below.
	Load	1	UINT16	Load value representing load in Lb. Each load value must first be multiplied by the multiplier specified in the Load Scaling Index of the event header. The Load Offset specified in the card header is not used for surface data as no surface load values less than zero are recorded.
	Position	1	UINT16	Position value relative to BOS in 0.1" increments. The range of values is 0 to 409.5 inches.
DH Data x5 30413		2000		5 downhole card data sets, each containing the data listed below.

Register Block	Register Name	# of Registers	Data Type	Description
	Load	1	UINT16	Load value representing load in Lb. Each load value must first be multiplied by the multiplier specified in the Load Scaling Index of the event header. After this multiplication, the Load Offset specified in the card header must be subtracted from each load value unless the downhole signed (P2927) parameter is set to one.
	Position	1	UINT16	Position value relative to BOS in 0.1" increments. The range of values is 0 to 409.5 inches.

Response Codes

Response codes are an indication of error from the RPOC.

Code	Name	Possible Cause
01	Bad Function	Incorrect Command Length
02	Bad Address	Address requested is not a valid event card or event directory address
07	NAK	Attempt to modify RO parameter
08	No Data Available	Request event card or event directory without first sending an initial request. Initial request failed to get the requested data.

Legacy MODBUS Card Data Mapping

The original MODBUS card data mapping were configured through parameters P614-P617 and provided surface data only normalized to 100 points over FC03 registers 49000-49200. These parameters and functionality will continue to be available for backwards compatibility.

However, the data provided over FC03 by the original mapping overlapped with some of the Tank parameters, making those Tank parameters inaccessible over MODBUS. Therefore, a Modbus Card Legacy parameter has been create, P4928, to allow the user to suppress the original mapping if they wish to view the Tank parameters over MODBUS.

Setting P4928 = 1 will suppress the original mapping and provide the Tank parameters instead when FC03 registers 49000-49200 are requested. The user can still collect card data over FC04 with the new implementation.

If the user is currently collecting surface data through the original mapping and does not wish to move to the new mapping, setting P4928 = 0 will enable the original mapping and provide surface card data over FC03 registers 49000-49200. However, the Tank parameters will continue to be inaccessible.

P4928 will be defaulted to 1 going forward so that Tank parameters are accessible over MODBUS. Users wishing to continue using the original card data mapping will have to set this parameter to "0" after the firmware upgrade in order to continue collecting surface data over FC03.

Modbus Register Table

Parameter No (8500 Protocol)	Modbus Register Address (Base 1)	Data Type	Acc	Description
-----		-------	---	-----------
1	40003	UINT16	R/W	User PasINT16 Entry
2	40005	UINT16	R/W	Unit Address (ID)
3	40007	Long	R/W	Current Long of Day
4	40009	Long	R/W	Today's Long
5	40011	UINT16	R/O	Day of the week
6	40013	UINT16	R/W	Manual set TOS
7	40015	UINT16	R/W	Auto set TOS
10	40021	UINT16	R/W	Print ParameterList
14	40029	UINT16	R/W	Load units (Lb/Kg)
15	40031	UINT16	R/W	Long Display Format
16	40033	UINT16	R/W	Long of Day Format
17	40035	UINT16	R/W	Elapsed Long Format
18	40037	UINT16	R/W	Show Param List
19	40039	UINT16	R/W	Show Param Struct.
20	40041	Long	R/W	Idle Long
21	40043	UINT16	R/W	Pump-off Position %
22	40045	UINT16	R/W	Pump-off Action
23	40047	UINT16	R/W	Pump-off Load %
24	40049	UINT16	R/W	POC strokes for pumpoff
25	40051	Long	R/W	Pump-up delay
26	40053	UINT16	R/W	POC Method
27	40055	Long	R/W	POC Override Longr
28	40057	UINT16	R/W	Ovr Longr powerup action
29	40059	UINT16	R/W	Motor speed control type
30	40061	UINT16	R/W	POC Control source
31	40063	UINT16	R/W	Manual off/reset
32	40065	UINT16	R/W	Manual ctrl xfer
33	40067	UINT16	R/W	Manual s/ware Longr
34	40069	UINT16	R/W	Position input source
35	40071	UINT16	R/W	Load input source
36	40073	Long	R/W	Target cycle Long
37	40075	UINT16	R/W	Action for under 50% run
38	40077	Long	R/W	Off Long limit - max
39	40079	UINT16	R/W	Off Long limit enable
40	40081	UINT16	R/W	% ABC goal value

41	40083	UINT16	R/W	% ABC dead band value
42	40085	UINT16	R/O	Up stroke peak value
43	40087	UINT16	R/O	Down stroke peak value
44	40089	UINT16	R/O	Peak difference in mV
45	40091	INT16	R/O	Peak difference in %
46	40093	UINT16	R/W	Air balance purge Long
47	40095	UINT16	R/W	Details on Stat Screen
48	40097	UINT16	R/W	User Def Learn SPM
50	40101	UINT16	R/W	Peak energy ctrl. enable
51	40103	Long	R/W	Begin run inhibit Long
52	40105	Long	R/W	End run inhibit Long
53	40107	Long	R/W	Power On Restart Delay
54	40109	UINT16	R/W	Startup Control State
55	40111	UINT16	R/W	Long to Idle at Startup
56	40113	UINT16	R/W	Use random startup delay
57	40115	UINT16	R/O	MinSpeed:Cur Gauge
58	40117	UINT16	R/O	MinSpeed:Cur Gauge-1
59	40119	UINT16	R/O	MinSpeed:Cur Gauge-2
60	40121	UINT16	R/O	MaxSpeed:Cur Gauge
61	40123	UINT16	R/O	MaxSpeed:Cur Gauge-1
62	40125	UINT16	R/O	MaxSpeed:Cur Gauge-2
63	40127	UINT16	R/W	Strain gauge Target type
64	40129	UINT16	R/W	Conditions for SG adjust
65	40131	UINT16	R/W	Cycle minimum target
66	40133	UINT16	R/W	Cycle average target
67	40135	UINT16	R/W	Cycle maximum target
68	40137	UINT16	R/W	SG Load step limit
69	40139	UINT16	R/O	SG Load step limit in uV
70	40141	UINT16	R/W	Set Load Zero
71	40143	UINT16	R/W	Offset in offset mV
73	40147	UINT16	R/W	Known load to set gain
74	40149	INT16	R/W	Load input gain
76	40153	UINT16	R/O	Load raw input and volts
77	40155	UINT16	R/O	Load input in mV
78	40157	UINT16	R/O	Load Input
79	40159	UINT16	R/O	Min load last stroke
80	40161	UINT16	R/O	Max load last stroke
81	40163	UINT16	R/W	Calibration minimum load
82	40165	UINT16	R/W	Calibration maximum load
83	40167	UINT16	R/O	Min load from last start

84	40169	UINT16	R/O	Max load from last start
85	40171	UINT16	R/O	Min load since power up
86	40173	UINT16	R/O	Max load since power up
87	40175	UINT16	R/O	Span over last stroke
88	40177	UINT16	R/O	Min span since power up
89	40179	UINT16	R/O	Load Average last stroke
90	40181	UINT16	R/O	Min average since pwr up
91	40183	UINT16	R/O	Max average since pwr up
92	40185	UINT16	R/O	Min load since pwr up mV
93	40187	UINT16	R/O	Max load since pwr up mV
94	40189	UINT16	R/W	Reset pwrup min/max
95	40191	UINT16	R/O	Load fail ADC raw and V
96	40193	UINT16	R/O	Load fail input in mV
97	40195	UINT16	R/W	Load Scaling Low
98	40197	UINT16	R/W	Load Scaling High
99	40199	UINT16	R/W	Cal. Load Sensor
100	40201	UINT16	R/W	Cal. Position Ref.
101	40203	UINT16	R/W	Position Synthesis Type
102	40205	UINT16	R/O	Position raw input & Vlts
103	40207	UINT16	R/O	Position input in volts
104	40209	UINT16	R/O	Min Position last stroke
105	40211	UINT16	R/O	Max Position last stroke
106	40213	UINT16	R/O	Pos span last stroke
107	40215	UINT16	R/O	Pos span filtered
108	40217	UINT16	R/W	Dir. debounce Long
109	40219	UINT16	R/O	Bottoms w/no pos. fault
110	40221	UINT16	R/W	Clear Position Ref.
113	40227	UINT16	R/W	MK-II Compensate Pos
114	40229	UINT16	R/W	Load DeSkew(50ms incr.)
115	40231	UINT16	R/W	LLoad Cycles for stage 2
116	40233	UINT16	R/W	LL Stg.2 strokes f/viol
117	40235	UINT16	R/W	LL Stg.2 cycles f/action
120	40241	UINT16	R/W	Scratch data [0]
121	40243	UINT16	R/W	Scratch data [1]
122	40245	UINT16	R/W	Scratch data [2]
123	40247	UINT16	R/W	Scratch data [3]
124	40249	UINT16	R/W	Scratch data [4]
125	40251	UINT16	R/W	Good strokes for filter
127	40255	UINT16	R/W	Enable PSW as R/S input
128	40257	UINT16	R/W	Good strokes f/PSW reset

129	40259	UINT16	R/W	Log cleared PSW error
130	40261	UINT16	R/W	TOS to PSW stroke fract.
131	40263	UINT16	R/W	Reverse PSW setting
132	40265	UINT16	R/O	Last PSW interval
133	40267	UINT16	R/W	Close debounce interval
134	40269	UINT16	R/W	Open debounce interval
135	40271	UINT16	R/W	Use PSW opening
136	40273	UINT16	R/W	Filtered interval min %
137	40275	UINT16	R/W	Filtered interval max %
138	40277	UINT16	R/O	Filtered strokes counter
139	40279	UINT16	R/O	Last Stroke interval
140	40281	UINT16	R/O	Filtered Stroke interval
141	40283	UINT16	R/O	Last Stroke Well Speed
142	40285	UINT16	R/O	Filtered Well Speed
143	40287	UINT16	R/O	Bottoms counter
144	40289	UINT16	R/O	Debounced closed flag
145	40291	UINT16	R/O	Debounced closed intervl
146	40293	UINT16	R/O	Raw Switch Closings
147	40295	UINT16	R/O	Switches since On/Off
148	40297	UINT16	R/O	BOS Count (no PSW fault)
149	40299	UINT16	R/W	Change speed
150	40301	UINT16	R/O	Legacy line frequency
156	40313	Long	R/W	Ethernet IP Address
157	40315	Long	R/W	Ethernet Netmask
158	40317	Long	R/W	Ethernet Gateway
168	40337	UINT16	R/W	AI Latch Alarms
174	40349	UINT16	R/O	Dyno Data Skip Factor
175	40351	UINT16	R/O	Comm SkipFactor
176	40353	UINT16	R/O	Comm Interval
180	40361	UINT16	R/O	DI status bits
181	40363	UINT16	R/W	DI 1 low order counts
182	40365	UINT16	R/W	DI 1 high order counts
183	40367	UINT16	R/W	DI 2 low order counts
184	40369	UINT16	R/W	DI 2 high order counts
185	40371	UINT16	R/W	DI 3 low order counts
186	40373	UINT16	R/W	DI 3 high order counts
187	40375	UINT16	R/W	DI 4 low order counts
188	40377	UINT16	R/W	DI 4 high order counts
189	40379	UINT16	R/W	DI 5 low order counts
190	40381	UINT16	R/W	DI 5 high order counts

191	40383	UINT16	R/W	DI 6 low order counts
192	40385	UINT16	R/W	DI 6 high order counts
193	40387	UINT16	R/O	AI Status as DI
194	40389	UINT16	R/W	AI 1 low counts
195	40391	UINT16	R/W	AI 1 high counts
196	40393	UINT16	R/W	AI 2 low counts
197	40395	UINT16	R/W	AI 2 high counts
198	40397	UINT16	R/W	AI 3 low counts
199	40399	UINT16	R/W	AI 3 high counts
200	40401	UINT16	R/W	Sensor Failure Action
204	40409	UINT16	R/W	No. run Longs to average
205	40411	Long	R/O	Recorded average on Long
206	40413	Long	R/W	Manual set Longr on Long
207	40415	Long	R/O	Latest average on Long
208	40417	UINT16	R/W	Low Low Load Limit
209	40419	UINT16	R/W	Low Low Load Action
210	40421	UINT16	R/W	Low Load Limit
211	40423	UINT16	R/W	High Load Limit
212	40425	UINT16	R/W	Low Average Load Limit
213	40427	UINT16	R/W	High Load Violation Strokes
214	40429	UINT16	R/W	High Load Action
215	40431	UINT16	R/W	Low Load Violation Strokes
216	40433	UINT16	R/W	Low Load Action
217	40435	UINT16	R/W	Load Violation Deadband
218	40437	UINT16	R/W	High High Load Limit
219	40439	UINT16	R/W	High High Load Action
220	40441	UINT16	R/W	Off Long multiplier
221	40443	Long	R/W	Limit to multiplied Long
222	40445	UINT16	R/W	Low Load Span Strokes
223	40447	UINT16	R/W	Low Load Span Limit
225	40451	UINT16	R/W	Low Load Span Action
226	40453	Long	R/W	Load span Well off Longr
227	40455	Long	R/W	Load span Well on Longr
228	40457	UINT16	R/W	Pumpoffs to clear P227
230	40461	UINT16	R/W	Imm. pumpoffs for viol.
231	40463	UINT16	R/W	Imm. Pumpoff Action
232	40465	Long	R/W	Min run Long
233	40467	UINT16	R/W	Min run Longs for action
234	40469	UINT16	R/W	Min run Long action
235	40471	Long	R/W	Maximum cycle run Long

236	40473	UINT16	R/W	Max cycle runLong Action
237	40475	Long	R/W	Maximum daily run Long
238	40477	UINT16	R/W	Max daily runLong action
239	40479	Long	R/W	Off Longr for max run
240	40481	Long	R/W	On Longr for max run
241	40483	UINT16	R/W	Pumpoffs to clear P240
242	40485	Long	R/O	Qualified cycle on Longr
243	40487	Long	R/O	Qualified daily on Longr
245	40491	UINT16	R/W	Viol.entry deglitch Long
246	40493	UINT16	R/W	Viol. exit deglitch Long
249	40499	UINT16	R/W	AI 1 low action
250	40501	UINT16	R/W	AI 1 high action
251	40503	UINT16	R/W	AI 2 low action
252	40505	UINT16	R/W	AI 2 high action
253	40507	UINT16	R/W	AI 3 low action
254	40509	UINT16	R/W	AI 3 high action
255	40511	UINT16	R/O	Current Card Area
256	40513	UINT16	R/W	Minimum Card Area
257	40515	UINT16	R/W	Minimum Card Area Action
258	40517	UINT16	R/W	Maximum Card Area
259	40519	UINT16	R/W	Maximum Card Area Action
260	40521	UINT16	R/W	Control Failure Action
261	40523	Long	R/W	Control Failure Longout
262	40525	UINT16	R/W	Pump On settling Long
263	40527	UINT16	R/W	Pump Off settling Long
265	40531	UINT16	R/O	Min Position last cycle
266	40533	UINT16	R/O	Max Position last cycle
267	40535	UINT16	R/O	Min Position since pwerup
268	40537	UINT16	R/O	Max Position since pwerup
269	40539	UINT16	R/O	Min Pos Span since pwerup
270	40541	UINT16	R/W	Min position span
271	40543	UINT16	R/W	Min position value
272	40545	UINT16	R/W	Max position value
273	40547	UINT16	R/W	Pos. fault entry Long
274	40549	UINT16	R/O	MinLoad:Cur Gauge
275	40551	UINT16	R/O	MinLoad:Cur Gauge-1
276	40553	UINT16	R/O	MinLoad:Cur Gauge-2
277	40555	UINT16	R/O	MaxLoad:Cur Gauge
278	40557	UINT16	R/O	MaxLoad:Cur Gauge-1
279	40559	UINT16	R/O	MaxLoad:Cur Gauge-2

280	40561	UINT16	R/O	AI-1 Raw input and volts
281	40563	UINT16	R/O	AI-1 Input value
282	40565	INT16	R/O	AI-1 Scaled EGU value
283	40567	UINT16	R/W	AI-1 Input type
284	40569	UINT16	R/W	AI-1 EGU decimal places
285	40571	UINT16	R/W	AI-1 EGU label
286	40573	INT16	R/W	AI-1 Scaling low value
287	40575	INT16	R/W	AI-1 Scaling high value
288	40577	INT16	R/W	AI-1 Low alarm limit
289	40579	UINT16	R/W	AI-1 Low alarm action 1
290	40581	UINT16	R/W	AI-1 Low alarm action 2
291	40583	INT16	R/W	AI-1 High alarm limit
292	40585	UINT16	R/W	AI-1 High alarm action 1
293	40587	UINT16	R/W	AI-1 High alarm action 2
294	40589	UINT16	R/W	AI-1 Alarms deadband
295	40591	INT16	R/O	AI-1 Min recored value
296	40593	INT16	R/O	AI-1 Max recored value
299	40599	UINT16	R/W	AI-1 Rst min/max
300	40601	UINT16	R/O	AI-1 last stroke average
301	40603	UINT16	R/O	AI-1 Min stroke average
302	40605	UINT16	R/O	AI-1 Max stroke average
309	40619	UINT16	R/O	AI alarm status bits
310	40621	UINT16	R/O	AI-2 Raw input and volts
311	40623	UINT16	R/O	AI-2 Input value
312	40625	INT16	R/O	AI-2 Scaled EGU value
313	40627	UINT16	R/W	AI-2 Input type
314	40629	UINT16	R/W	AI-2 EGU decimal places
315	40631	UINT16	R/W	AI-2 EGU label
316	40633	INT16	R/W	AI-2 Scaling low value
317	40635	INT16	R/W	AI-2 Scaling high value
318	40637	INT16	R/W	AI-2 Low alarm limit
319	40639	UINT16	R/W	AI-2 Low alarm action 1
320	40641	UINT16	R/W	AI-2 Low alarm action 2
321	40643	INT16	R/W	AI-2 High alarm limit
322	40645	UINT16	R/W	AI-2 High alarm action 1
323	40647	UINT16	R/W	AI-2 High alarm action 2
324	40649	UINT16	R/W	AI-2 Alarms deadband
325	40651	INT16	R/O	AI-2 Min recored value
326	40653	INT16	R/O	AI-2 Max recored value
329	40659	UINT16	R/W	AI-2 Rst min/max

330	40661	UINT16	R/O	AI-3 Raw input and volts
331	40663	UINT16	R/O	AI-3 Input value
332	40665	INT16	R/O	AI-3 Scaled EGU value
333	40667	UINT16	R/W	AI-3 Input type
334	40669	UINT16	R/W	AI-3 EGU decimal places
335	40671	UINT16	R/W	AI-3 EGU label
336	40673	INT16	R/W	AI-3 Scaling low value
337	40675	INT16	R/W	AI-3 Scaling high value
338	40677	INT16	R/W	AI-3 Low alarm limit
339	40679	UINT16	R/W	AI-3 Low alarm action 1
340	40681	UINT16	R/W	AI-3 Low alarm action 2
341	40683	INT16	R/W	AI-3 High alarm limit
342	40685	UINT16	R/W	AI-3 High alarm action 1
343	40687	UINT16	R/W	AI-3 High alarm action 2
344	40689	UINT16	R/W	AI-3 Alarms deadband
345	40691	INT16	R/O	AI-3 Min recored value
346	40693	INT16	R/O	AI-3 Max recored value
349	40699	UINT16	R/W	AI-3 Rst min/max
350	40701	UINT16	R/W	Test Fault Lamp
351	40703	UINT16	R/W	Software reset
353	40707	UINT16	R/W	System shutdown
355	40711	UINT16	R/W	Minimum # faults
356	40713	UINT16	R/W	Minimum # alarms
357	40715	UINT16	R/W	Enable Event Record[0]
358	40717	UINT16	R/W	Enable Event Record[1]
359	40719	UINT16	R/W	Enable Event Record[2]
360	40721	UINT16	R/W	Enable Event Record[3]
361	40723	UINT16	R/W	Enable Event Record[4]
362	40725	UINT16	R/W	Enable Event Record[5]
363	40727	UINT16	R/W	Enable Event Record[6]
364	40729	UINT16	R/W	Enable Event Record[7]
365	40731	UINT16	R/W	Manual Record Event
366	40733	UINT16	R/W	Clear Event Records
367	40735	UINT16	R/W	CB Event Diag Flags
373	40747	UINT16	R/O	Surface card pump fill %
375	40751	UINT16	R/O	Estimated POC load value
376	40753	UINT16	R/O	Load at POC position
377	40755	UINT16	R/W	CB Event Count
378	40757	UINT16	R/W	CB Alarm Count
379	40759	UINT16	R/W	CB Fault Count

380	40761	UINT16	R/W	HAND Sw DI PntNum
381	40763	UINT16	R/W	OFF Sw DI PntNum
384	40769	Long	R/O	Gauge Period Strokes
385	40771	UINT16	R/O	Avg Surface Fillage[0]
386	40773	UINT16	R/O	Avg Surface Fillage[1]
387	40775	UINT16	R/O	Avg Surface Fillage[2]
388	40777	UINT16	R/O	Avg Surface Fillage[3]
389	40779	UINT16	R/O	Last alarm event
390	40781	Long	R/O	Long at last prog. stop
391	40783	Long	R/O	Long at last prog. stop
392	40785	Long	R/O	Long at last (re)start
393	40787	Long	R/O	Long at last (re)start
394	40789	Long	R/O	Last prog. stop period
395	40791	Long	R/O	Last fatal error addr.
396	40793	Long	R/O	last error/status Long
397	40795	Long	R/O	last error/status Long
398	40797	UINT16	R/O	Days counter
399	40799	Long	R/O	Rollover counter
400	40801	Long	R/O	Pump run Long[0]
401	40803	Long	R/O	Pump run Long[1]
402	40805	Long	R/O	Pump run Long[2]
403	40807	Long	R/O	Pump run Long[3]
404	40809	Long	R/O	Pump run Long[4]
405	40811	Long	R/O	Pump run Long[5]
406	40813	Long	R/O	Pump run Long[6]
407	40815	Long	R/O	Pump run Long[7]
408	40817	Long	R/O	Pump run Long[8]
409	40819	Long	R/O	Pump run Long[9]
410	40821	Long	R/O	Pump run Long[10]
411	40823	Long	R/O	Pump run Long[11]
412	40825	Long	R/O	Pump run Long[12]
413	40827	Long	R/O	Pump run Long[13]
414	40829	Long	R/O	Pump run Long[14]
415	40831	Long	R/O	Pump run Long[15]
416	40833	Long	R/O	Pump run Long[16]
417	40835	Long	R/O	Pump run Long[17]
418	40837	UINT16	R/O	Undisturbed pump cycles
419	40839	Long	R/O	Present pump off Long
420	40841	Long	R/O	Daily run Long[0]
421	40843	Long	R/O	Daily run Long[1]

422	40845	Long	R/O	Daily run Long[2]
423	40847	Long	R/O	Daily run Long[3]
424	40849	Long	R/O	Daily run Long[4]
425	40851	Long	R/O	Daily run Long[5]
426	40853	Long	R/O	Daily run Long[6]
427	40855	Long	R/O	Daily run Long[7]
429	40859	Long	R/W	Gauge Long
430	40861	UINT16	R/O	Today undisturbed cycles
431	40863	UINT16	R/O	Ystdy undisturbed cycles
432	40865	Long	R/O	Tday undisturbed avg.run
433	40867	Long	R/O	Yday undisturbed avg.run
434	40869	Long	R/O	Long to next gauge Long
435	40871	UINT16	R/O	STA Cur DN Speed
436	40873	UINT16	R/O	STA Cur TOP Speed
437	40875	UINT16	R/O	STA Cur BOT Speed
438	40877	UINT16	R/O	STA Cur UP Speed
439	40879	Long	R/O	Tday tot.undisturbed run
441	40883	Long	R/O	Gauge period start Long
442	40885	Long	R/O	Daily run Long[0]
443	40887	Long	R/O	Daily run Long[1]
444	40889	Long	R/O	Daily run Long[2]
445	40891	Long	R/O	Daily run Long[3]
446	40893	Long	R/O	Daily run Long[4]
447	40895	Long	R/O	Daily run Long[5]
448	40897	Long	R/O	Daily run Long[6]
449	40899	Long	R/O	Daily run Long[7]
452	40905	UINT16	R/O	CAN Display Msg Count
453	40907	UINT16	R/O	CAN PumpData Msg Count
454	40909	UINT16	R/O	CAN IO_Data Msg Count
455	40911	UINT16	R/W	CAN PumpData Min Count
456	40913	UINT16	R/W	CAN PumpData Max Count
465	40931	UINT16	R/W	Backup to SDCard
466	40933	UINT16	R/W	Restore from SDCard
467	40935	UINT16	R/W	Create System Backup
468	40937	UINT16	R/W	Remove SD Card
469	40939	UINT16	R/O	SD Card status
470	40941	UINT16	R/W	System Restore
471	40943	UINT16	R/W	Force Save Params
472	40945	UINT16	R/W	Reset to defaults
473	40947	UINT16	R/W	Supervisor PasINT16

474	40949	UINT16	R/O	Current Security Level
475	40951	UINT16	R/W	Perform Upgrade
477	40955	UINT16	R/O	App Firmware version rev
478	40957	UINT16	R/O	App Firmware version major
479	40959	UINT16	R/O	App Firmware version minor
489	40979	UINT16	R/W	Configuration change
490	40981	UINT16	R/O	Legacy F/W version major
491	40983	UINT16	R/O	Legacy F/W version minor
492	40985	UINT16	R/O	Hardware option flags[0]
493	40987	UINT16	R/O	Hardware option flags[1]
494	40989	UINT16	R/O	Hardware option flags[2]
496	40993	UINT16	R/W	Analog inputs enable
497	40995	UINT16	R/W	Digital inputs enable
498	40997	UINT16	R/W	Ext AI msg counter
499	40999	UINT16	R/W	Ext DI msg counter
500	41001	UINT16	R/W	User PasINT16 Code
501	41003	Long	R/W	Pass Code Longout
505	41011	UINT16	R/W	Default Screen
507	41015	UINT16	R/W	EGD Contrast Setting
508	41017	UINT16	R/W	Display UpLongs Per Sec.
509	41019	UINT16	R/W	Display Rolls per second
510	41021	UINT16	R/W	Debug Msg Control 0
511	41023	UINT16	R/W	Debug Msg Control 1
512	41025	UINT16	R/W	Number of Raw Cards
513	41027	UINT16	R/O	Collecting Card Number
514	41029	UINT16	R/W	Collect raw cards
520	41041	UINT16	R/O	Pump Control Status 1
521	41043	UINT16	R/O	Pump Control Status 2
522	41045	UINT16	R/O	Pump Control Status 3
523	41047	UINT16	R/W	Clear All Alarms
524	41049	UINT16	R/W	Start Pump
525	41051	UINT16	R/W	Idle Pump
526	41053	UINT16	R/O	Pump Control State
527	41055	UINT16	R/O	Active Alarms[0]
528	41057	UINT16	R/O	Active Alarms[1]
529	41059	UINT16	R/O	Active Alarms[2]
530	41061	UINT16	R/O	Active Alarms[3]
531	41063	UINT16	R/O	Active Alarms[4]
532	41065	UINT16	R/O	Active Alarms[5]
533	41067	UINT16	R/O	Active Alarms[6]

534	41069	UINT16	R/O	Active Alarms[7]
535	41071	UINT16	R/O	Non-Clearable Alarms[0]
536	41073	UINT16	R/O	Non-Clearable Alarms[1]
537	41075	UINT16	R/O	Non-Clearable Alarms[2]
540	41081	UINT16	R/O	Worst Pump Control State
541	41083	UINT16	R/O	Accumulated Alarms[0]
542	41085	UINT16	R/O	Accumulated Alarms[1]
543	41087	UINT16	R/O	Accumulated Alarms[2]
544	41089	UINT16	R/O	Accumulated Alarms[3]
545	41091	UINT16	R/O	Accumulated Alarms[4]
546	41093	UINT16	R/O	Accumulated Alarms[5]
547	41095	UINT16	R/O	Accumulated Alarms[6]
548	41097	UINT16	R/O	Accumulated Alarms[7]
556	41113	UINT16	R/W	Display Rolling ID
560	41121	UINT16	R/W	DI 1 closed action
561	41123	UINT16	R/W	DI 1 open action
562	41125	UINT16	R/W	DI 2 closed action
563	41127	UINT16	R/W	DI 2 open action
564	41129	UINT16	R/W	DI 3 closed action
565	41131	UINT16	R/W	DI 3 open action
566	41133	UINT16	R/W	DI 4 closed action
567	41135	UINT16	R/W	DI 4 open action
568	41137	UINT16	R/W	DI 5 closed action
569	41139	UINT16	R/W	DI 5 open action
570	41141	UINT16	R/W	DI 6 closed action
571	41143	UINT16	R/W	DI 6 open action
572	41145	UINT16	R/W	DI 7 closed action
573	41147	UINT16	R/W	DI 7 open action
574	41149	UINT16	R/W	DI 8 closed action
575	41151	UINT16	R/W	DI 8 open action
578	41157	UINT16	R/O	High Speed accum.lo UINT16
579	41159	UINT16	R/O	High Speed accum.hi UINT16
580	41161	UINT16	R/W	D/O 1 pulse Longr
581	41163	UINT16	R/W	D/O 2 pulse Longr
582	41165	UINT16	R/W	D/O 3 pulse Longr
583	41167	UINT16	R/W	D/O 4 pulse Longr
584	41169	UINT16	R/W	D/O 5 pulse Longr
585	41171	UINT16	R/W	D/O 6 pulse Longr
586	41173	UINT16	R/W	D/O 7 pulse Longr
587	41175	UINT16	R/W	D/O 8 pulse Longr

590	41181	UINT16	R/W	D/O 1 pulse ticks
591	41183	UINT16	R/W	D/O 2 pulse ticks
592	41185	UINT16	R/W	D/O 3 pulse ticks
593	41187	UINT16	R/W	D/O 4 pulse ticks
594	41189	UINT16	R/W	D/O 5 pulse ticks
595	41191	UINT16	R/W	D/O 6 pulse ticks
596	41193	UINT16	R/W	D/O 7 pulse ticks
597	41195	UINT16	R/W	D/O 8 pulse ticks
598	41197	UINT16	R/W	D/O ON flag bits
599	41199	UINT16	R/O	D/O status bits
600	41201	UINT16	R/W	Simulate input data
601	41203	UINT16	R/W	Remote data format
602	41205	UINT16	R/W	Remote baud rate
603	41207	UINT16	R/W	Comm. status bits
604	41209	UINT16	R/W	Present MMI data format
605	41211	UINT16	R/W	Present MMI baud rate
606	41213	UINT16	R/W	Carrier detect on delay
607	41215	UINT16	R/W	Carrier detect off delay
608	41217	UINT16	R/W	Carrier detect drop limit
609	41219	UINT16	R/W	Radio turn on delay
610	41221	UINT16	R/W	Radio turn off delay
611	41223	UINT16	R/W	Max radio on Long in sec
612	41225	UINT16	R/W	Receive Longout in secs
613	41227	UINT16	R/W	Host port protocol
614	41229	UINT16	R/W	Modbus Card Type
615	41231	UINT16	R/W	Modbus Card Load option
616	41233	UINT16	R/W	Modbus Card Number
617	41235	UINT16	R/W	Modbus Card Posn. type
618	41237	UINT16	R/W	Dyno Data Comm. Format
619	41239	UINT16	R/W	Position data available
620	41241	UINT16	R/W	Comm. group address
621	41243	UINT16	R/O	Max radio on Long ticks
622	41245	UINT16	R/O	Max xmit msg Long ticks
623	41247	UINT16	R/O	Max xmit msg in UINT16s
624	41249	UINT16	R/O	Xmit buffer size (UINT16s)
625	41251	UINT16	R/W	Host port connection
626	41253	UINT16	R/W	TCP Port number
628	41257	UINT16	R/W	All address respond Long
629	41259	UINT16	R/W	Clear comm. stats
631	41263	UINT16	R/O	Character errors

632	41265	UINT16	R/O	Characters received
633	41267	UINT16	R/O	Header characters rcv'd
634	41269	UINT16	R/O	Trailer characters rcv'd
635	41271	UINT16	R/O	Framed messages rcv'd
636	41273	UINT16	R/O	Good framed msgs rcv'd
637	41275	UINT16	R/O	Messages processed
638	41277	UINT16	R/O	UINT16s processed
639	41279	UINT16	R/O	Responses transmitted
640	41281	UINT16	R/O	Characters transmitted
641	41283	UINT16	R/W	MBH Comm Port Mode
644	41289	UINT16	R/W	Tx test spacing delay
645	41291	UINT16	R/O	Last character received
646	41293	UINT16	R/W	Tx test data format
647	41295	UINT16	R/W	Tx test character
648	41297	UINT16	R/W	Tx test Long in seconds
650	41301	Long	R/O	Current Long of Day
651	41303	Long	R/O	System Shutdown Long
652	41305	Long	R/O	System Startup Long
653	41307	Long	R/O	last error/status Long
660	41321	UINT16	R/W	High High Load Action2
661	41323	UINT16	R/W	High Load Action2
662	41325	UINT16	R/W	Low Load Action2
663	41327	UINT16	R/W	Low Low Load Action2
664	41329	UINT16	R/W	Low Load Span Action2
670	41341	Long	R/O	Daily run Long[0]
671	41343	Long	R/O	Daily run Long[1]
672	41345	Long	R/O	Daily run Long[2]
673	41347	Long	R/O	Daily run Long[3]
674	41349	Long	R/O	Daily run Long[4]
675	41351	Long	R/O	Daily run Long[5]
676	41353	Long	R/O	Daily run Long[6]
677	41355	Long	R/O	Daily run Long[7]
678	41357	Long	R/O	Daily run Long[8]
679	41359	Long	R/O	Daily run Long[9]
680	41361	Long	R/O	Daily run Long[10]
681	41363	Long	R/O	Daily run Long[11]
682	41365	Long	R/O	Daily run Long[12]
683	41367	Long	R/O	Daily run Long[13]
684	41369	Long	R/O	Daily run Long[14]
685	41371	Long	R/O	Daily run Long[15]

686	41373	Long	R/O	Daily run Long[16]
687	41375	Long	R/O	Daily run Long[17]
688	41377	Long	R/O	Daily run Long[18]
689	41379	Long	R/O	Daily run Long[19]
690	41381	Long	R/O	Daily run Long[20]
691	41383	Long	R/O	Daily run Long[21]
692	41385	Long	R/O	Daily run Long[22]
693	41387	Long	R/O	Daily run Long[23]
694	41389	Long	R/O	Daily run Long[24]
695	41391	Long	R/O	Daily run Long[25]
696	41393	Long	R/O	Daily run Long[26]
697	41395	Long	R/O	Daily run Long[27]
698	41397	Long	R/O	Daily run Long[28]
699	41399	Long	R/O	Daily run Long[29]
700	41401	UINT16	R/O	AI-4 Raw input and volts
701	41403	UINT16	R/O	AI-4 Input value
702	41405	INT16	R/O	AI-4 Scaled EGU value
703	41407	UINT16	R/W	AI-4 Input type
704	41409	UINT16	R/W	AI-4 EGU decimal places
705	41411	UINT16	R/W	AI-4 EGU label
706	41413	INT16	R/W	AI-4 Scaling low value
707	41415	INT16	R/W	AI-4 Scaling high value
708	41417	INT16	R/W	AI-4 Low alarm limit
709	41419	UINT16	R/W	AI-4 Low alarm action 1
710	41421	UINT16	R/W	AI-4 Low alarm action 2
711	41423	INT16	R/W	AI-4 High alarm limit
712	41425	UINT16	R/W	AI-4 High alarm action 1
713	41427	UINT16	R/W	AI-4 High alarm action 2
714	41429	UINT16	R/W	AI-4 Alarms deadband
715	41431	INT16	R/O	AI-4 Min recored value
716	41433	INT16	R/O	AI-4 Max recored value
719	41439	UINT16	R/W	AI-4 Rst min/max
720	41441	UINT16	R/O	AI-5 Raw input and volts
721	41443	UINT16	R/O	AI-5 Input value
722	41445	INT16	R/O	AI-5 Scaled EGU value
723	41447	UINT16	R/W	AI-5 Input type
724	41449	UINT16	R/W	AI-5 EGU decimal places
725	41451	UINT16	R/W	AI-5 EGU label
726	41453	INT16	R/W	AI-5 Scaling low value
727	41455	INT16	R/W	AI-5 Scaling high value

728	41457	INT16	R/W	AI-5 Low alarm limit
729	41459	UINT16	R/W	AI-5 Low alarm action 1
730	41461	UINT16	R/W	AI-5 Low alarm action 2
731	41463	INT16	R/W	AI-5 High alarm limit
732	41465	UINT16	R/W	AI-5 High alarm action 1
733	41467	UINT16	R/W	AI-5 High alarm action 2
734	41469	UINT16	R/W	AI-5 Alarms deadband
735	41471	INT16	R/O	AI-5 Min recored value
736	41473	INT16	R/O	AI-5 Max recored value
739	41479	UINT16	R/W	AI-5 Rst min/max
740	41481	UINT16	R/O	AI-6 Raw input and volts
741	41483	UINT16	R/O	AI-6 Input value
742	41485	INT16	R/O	AI-6 Scaled EGU value
743	41487	UINT16	R/W	AI-6 Input type
744	41489	UINT16	R/W	AI-6 EGU decimal places
745	41491	UINT16	R/W	AI-6 EGU label
746	41493	INT16	R/W	AI-6 Scaling low value
747	41495	INT16	R/W	AI-6 Scaling high value
748	41497	INT16	R/W	AI-6 Low alarm limit
749	41499	UINT16	R/W	AI-6 Low alarm action 1
750	41501	UINT16	R/W	AI-6 Low alarm action 2
751	41503	INT16	R/W	AI-6 High alarm limit
752	41505	UINT16	R/W	AI-6 High alarm action 1
753	41507	UINT16	R/W	AI-6 High alarm action 2
754	41509	UINT16	R/W	AI-6 Alarms deadband
755	41511	INT16	R/O	AI-6 Min recored value
756	41513	INT16	R/O	AI-6 Max recored value
759	41519	UINT16	R/W	AI-6 Rst min/max
760	41521	UINT16	R/O	AI-7 Raw input and volts
761	41523	UINT16	R/O	AI-7 Input value
762	41525	INT16	R/O	AI-7 Scaled EGU value
763	41527	UINT16	R/W	AI-7 Input type
764	41529	UINT16	R/W	AI-7 EGU decimal places
765	41531	UINT16	R/W	AI-7 EGU label
766	41533	INT16	R/W	AI-7 Scaling low value
767	41535	INT16	R/W	AI-7 Scaling high value
768	41537	INT16	R/W	AI-7 Low alarm limit
769	41539	UINT16	R/W	AI-7 Low alarm action 1
770	41541	UINT16	R/W	AI-7 Low alarm action 2
771	41543	INT16	R/W	AI-7 High alarm limit

772	41545	UINT16	R/W	AI-7 High alarm action 1
773	41547	UINT16	R/W	AI-7 High alarm action 2
774	41549	UINT16	R/W	AI-7 Alarms deadband
775	41551	INT16	R/O	AI-7 Min recored value
776	41553	INT16	R/O	AI-7 Max recored value
779	41559	UINT16	R/W	AI-7 Rst min/max
780	41561	UINT16	R/O	AI-8 Raw input and volts
781	41563	UINT16	R/O	AI-8 Input value
782	41565	INT16	R/O	AI-8 Scaled EGU value
783	41567	UINT16	R/W	AI-8 Input type
784	41569	UINT16	R/W	AI-8 EGU decimal places
785	41571	UINT16	R/W	AI-8 EGU label
786	41573	INT16	R/W	AI-8 Scaling low value
787	41575	INT16	R/W	AI-8 Scaling high value
788	41577	INT16	R/W	AI-8 Low alarm limit
789	41579	UINT16	R/W	AI-8 Low alarm action 1
790	41581	UINT16	R/W	AI-8 Low alarm action 2
791	41583	INT16	R/W	AI-8 High alarm limit
792	41585	UINT16	R/W	AI-8 High alarm action 1
793	41587	UINT16	R/W	AI-8 High alarm action 2
794	41589	UINT16	R/W	AI-8 Alarms deadband
795	41591	INT16	R/O	AI-8 Min recored value
796	41593	INT16	R/O	AI-8 Max recored value
798	41597	UINT16	R/O	VSD Startup Out%
799	41599	UINT16	R/W	AI-8 Rst min/max
800	41601	UINT16	R/W	Fluid calc. X1 point
801	41603	UINT16	R/W	Fluid calc. X2 point
802	41605	UINT16	R/W	Fluid calc. Y1 point
803	41607	UINT16	R/W	Fluid calc. Y2 point
804	41609	UINT16	R/O	Fluid calc.Stroke Length
805	41611	UINT16	R/W	Fluid Stroke calc.Method
806	41613	UINT16	R/W	Surface stroke(in x 100)
807	41615	UINT16	R/W	Pump bore dia.(in x 100)
808	41617	UINT16	R/O	Avg. fluid stroke (in)
809	41619	UINT16	R/O	Avg. surface stroke (in)
810	41621	UINT16	R/W	Pump efficiency (% * 10)
811	41623	UINT16	R/O	Daily Production[0]
812	41625	UINT16	R/O	Daily Production[1]
813	41627	UINT16	R/O	Daily Production[2]
814	41629	UINT16	R/O	Daily Production[3]

815	41631	UINT16	R/O	Daily Production[4]
816	41633	UINT16	R/O	Daily Production[5]
817	41635	UINT16	R/O	Daily Production[6]
818	41637	UINT16	R/O	Daily Production[7]
819	41639	UINT16	R/O	Daily Production[8]
820	41641	UINT16	R/O	Daily Production[9]
821	41643	UINT16	R/O	Daily Production[10]
822	41645	UINT16	R/O	Daily Production[11]
823	41647	UINT16	R/O	Daily Production[12]
824	41649	UINT16	R/O	Daily Production[13]
825	41651	UINT16	R/O	Daily Production[14]
826	41653	UINT16	R/O	Daily Production[15]
827	41655	UINT16	R/O	Daily Production[16]
828	41657	UINT16	R/O	Daily Production[17]
829	41659	UINT16	R/O	Daily Production[18]
830	41661	UINT16	R/O	Daily Production[19]
831	41663	UINT16	R/O	Daily Production[20]
832	41665	UINT16	R/O	Daily Production[21]
833	41667	UINT16	R/O	Daily Production[22]
834	41669	UINT16	R/O	Daily Production[23]
835	41671	UINT16	R/O	Daily Production[24]
836	41673	UINT16	R/O	Daily Production[25]
837	41675	UINT16	R/O	Daily Production[26]
838	41677	UINT16	R/O	Daily Production[27]
839	41679	UINT16	R/O	Daily Production[28]
840	41681	UINT16	R/O	Daily Production[29]
841	41683	UINT16	R/W	Lower Band Size
842	41685	UINT16	R/O	Fluid calc. error flags
843	41687	UINT16	R/W	Preset fluid stroke
844	41689	UINT16	R/O	Current Run Mode
845	41691	UINT16	R/O	Fluid calc.Calculated X1
846	41693	UINT16	R/O	Fluid calc.Calculated X2
847	41695	UINT16	R/O	Fluid calc.Calculated Y1
848	41697	UINT16	R/O	Fluid calc.Calculated Y2
849	41699	UINT16	R/O	Fluid Strokes calculated
850	41701	Long	R/W	Start Long A Weekend
851	41703	UINT16	R/W	Run Mode A Weekend
852	41705	Long	R/W	Run Long A Weekend
853	41707	Long	R/W	Start Long B Weekend
854	41709	UINT16	R/W	Run Mode B Weekend

855	41711	Long	R/W	Run Long B Weekend
856	41713	Long	R/W	Start Long A Weekday
857	41715	UINT16	R/W	Run Mode A Weekday
858	41717	Long	R/W	Run Long A Weekday
859	41719	Long	R/W	Start Long B Weekday
860	41721	UINT16	R/W	Run Mode B Weekday
861	41723	Long	R/W	Run Long B Weekday
862	41725	UINT16	R/W	Longr control enable
863	41727	UINT16	R/W	Torq% AI Pnt
864	41729	UINT16	R/O	Cur AI Value
865	41731	UINT16	R/W	AI Val Display Src
866	41733	UINT16	R/O	Min Up AI Val Last
867	41735	UINT16	R/O	Max Up AI Val Last
868	41737	UINT16	R/O	Min Dn AI Val Last
869	41739	UINT16	R/O	Max Dn AI Val Last
870	41741	UINT16	R/W	Param # for User display[0]
871	41743	UINT16	R/W	Param # for User display[1]
872	41745	UINT16	R/W	Param # for User display[2]
873	41747	UINT16	R/W	Param # for User display[3]
874	41749	UINT16	R/W	Param # for User display[4]
875	41751	UINT16	R/W	Param # for User display[5]
876	41753	UINT16	R/W	Param # for User display[6]
877	41755	UINT16	R/W	Param # for User display[7]
878	41757	UINT16	R/W	Param # for User display[8]
879	41759	UINT16	R/W	Param # for User display[9]
880	41761	UINT16	R/W	Param # for User display[10]
881	41763	UINT16	R/W	Param # for User display[11]
882	41765	UINT16	R/W	Motor HP
883	41767	UINT16	R/W	Motor Full Load Amps
884	41769	UINT16	R/W	Drv Rated Outp Cur
885	41771	UINT16	R/O	Torque Hist Index
886	41773	UINT16	R/O	Avg Min Up AI Val
887	41775	UINT16	R/O	Avg Max Up AI Val
888	41777	UINT16	R/O	Avg Min Dn AI Val
889	41779	UINT16	R/O	Avg Max Dn AI Val
890	41781	UINT16	R/W	Logger channel source[0]
891	41783	UINT16	R/W	Logger channel source[1]
892	41785	UINT16	R/W	Logger channel source[2]
893	41787	UINT16	R/W	Logger channel source[3]
894	41789	UINT16	R/W	Logger channel source[4]

895	41791	UINT16	R/W	Logger channel source[5]
896	41793	UINT16	R/W	Logger channel source[6]
897	41795	UINT16	R/W	Logger channel source[7]
898	41797	UINT16	R/W	Logger freeze channel
899	41799	UINT16	R/W	Clr Logger History
900	41801	UINT16	R/O	Hour log freeze buff [0]
901	41803	UINT16	R/O	Hour log freeze buff [1]
902	41805	UINT16	R/O	Hour log freeze buff [2]
903	41807	UINT16	R/O	Hour log freeze buff [3]
904	41809	UINT16	R/O	Hour log freeze buff [4]
905	41811	UINT16	R/O	Hour log freeze buff [5]
906	41813	UINT16	R/O	Hour log freeze buff [6]
907	41815	UINT16	R/O	Hour log freeze buff [7]
908	41817	UINT16	R/O	Hour log freeze buff [8]
909	41819	UINT16	R/O	Hour log freeze buff [9]
910	41821	UINT16	R/O	Hour log freeze buff [10]
911	41823	UINT16	R/O	Hour log freeze buff [11]
912	41825	UINT16	R/O	Hour log freeze buff [12]
913	41827	UINT16	R/O	Hour log freeze buff [13]
914	41829	UINT16	R/O	Hour log freeze buff [14]
915	41831	UINT16	R/O	Hour log freeze buff [15]
916	41833	UINT16	R/O	Hour log freeze buff [16]
917	41835	UINT16	R/O	Hour log freeze buff [17]
918	41837	UINT16	R/O	Hour log freeze buff [18]
919	41839	UINT16	R/O	Hour log freeze buff [19]
920	41841	UINT16	R/O	Hour log freeze buff [20]
921	41843	UINT16	R/O	Hour log freeze buff [21]
922	41845	UINT16	R/O	Hour log freeze buff [22]
923	41847	UINT16	R/O	Hour log freeze buff [23]
930	41861	UINT16	R/O	Daily log freeze buff [0]
931	41863	UINT16	R/O	Daily log freeze buff [1]
932	41865	UINT16	R/O	Daily log freeze buff [2]
933	41867	UINT16	R/O	Daily log freeze buff [3]
934	41869	UINT16	R/O	Daily log freeze buff [4]
935	41871	UINT16	R/O	Daily log freeze buff [5]
936	41873	UINT16	R/O	Daily log freeze buff [6]
937	41875	UINT16	R/O	Daily log freeze buff [7]
938	41877	UINT16	R/O	Daily log freeze buff [8]
939	41879	UINT16	R/O	Daily log freeze buff [9]
940	41881	UINT16	R/O	Daily log freeze buff [10]

941	41883	UINT16	R/O	Daily log freeze buff [11]
942	41885	UINT16	R/O	Daily log freeze buff [12]
943	41887	UINT16	R/O	Daily log freeze buff [13]
944	41889	UINT16	R/O	Daily log freeze buff [14]
945	41891	UINT16	R/O	Daily log freeze buff [15]
946	41893	UINT16	R/O	Daily log freeze buff [16]
947	41895	UINT16	R/O	Daily log freeze buff [17]
948	41897	UINT16	R/O	Daily log freeze buff [18]
949	41899	UINT16	R/O	Daily log freeze buff [19]
950	41901	UINT16	R/O	Daily log freeze buff [20]
951	41903	UINT16	R/O	Daily log freeze buff [21]
952	41905	UINT16	R/O	Daily log freeze buff [22]
953	41907	UINT16	R/O	Daily log freeze buff [23]
954	41909	UINT16	R/O	Daily log freeze buff [24]
955	41911	UINT16	R/O	Daily log freeze buff [25]
956	41913	UINT16	R/O	Daily log freeze buff [26]
957	41915	UINT16	R/O	Daily log freeze buff [27]
958	41917	UINT16	R/O	Daily log freeze buff [28]
959	41919	UINT16	R/O	Daily log freeze buff [29]
968	41937	UINT16	R/O	Current RunLong Segment
969	41939	UINT16	R/W	RunLong Freeze Segment
970	41941	Long	R/O	RunLong Freeze Buffer[0]
971	41943	Long	R/O	RunLong Freeze Buffer[1]
972	41945	Long	R/O	RunLong Freeze Buffer[2]
973	41947	Long	R/O	RunLong Freeze Buffer[3]
974	41949	Long	R/O	RunLong Freeze Buffer[4]
975	41951	Long	R/O	RunLong Freeze Buffer[5]
976	41953	Long	R/O	RunLong Freeze Buffer[6]
977	41955	Long	R/O	RunLong Freeze Buffer[7]
978	41957	Long	R/O	RunLong Freeze Buffer[8]
979	41959	Long	R/O	RunLong Freeze Buffer[9]
980	41961	Long	R/O	RunLong Freeze Buffer[10]
981	41963	Long	R/O	RunLong Freeze Buffer[11]
982	41965	Long	R/O	RunLong Freeze Buffer[12]
983	41967	Long	R/O	RunLong Freeze Buffer[13]
984	41969	Long	R/O	RunLong Freeze Buffer[14]
985	41971	Long	R/O	RunLong Freeze Buffer[15]
986	41973	Long	R/O	RunLong Freeze Buffer[16]
987	41975	Long	R/O	RunLong Freeze Buffer[17]
988	41977	Long	R/O	RunLong Freeze Buffer[18]

989	41979	Long	R/O	RunLong Freeze Buffer[19]
990	41981	Long	R/O	RunLong Freeze Buffer[20]
991	41983	Long	R/O	RunLong Freeze Buffer[21]
992	41985	Long	R/O	RunLong Freeze Buffer[22]
993	41987	Long	R/O	RunLong Freeze Buffer[23]
994	41989	Long	R/O	RunLong Freeze Buffer[24]
995	41991	Long	R/O	RunLong Freeze Buffer[25]
996	41993	Long	R/O	RunLong Freeze Buffer[26]
997	41995	Long	R/O	RunLong Freeze Buffer[27]
998	41997	Long	R/O	RunLong Freeze Buffer[28]
999	41999	Long	R/O	RunLong Freeze Buffer[29]
1000	42001	UINT16	R/W	Host alarm 00 action
1001	42003	UINT16	R/W	Host alarm 01 action
1002	42005	UINT16	R/W	Host alarm 02 action
1003	42007	UINT16	R/W	Host alarm 03 action
1004	42009	UINT16	R/W	Host alarm 04 action
1005	42011	UINT16	R/W	Host alarm 05 action
1006	42013	UINT16	R/W	Host alarm 06 action
1007	42015	UINT16	R/W	Host alarm 07 action
1008	42017	UINT16	R/W	Host alarm 08 action
1009	42019	UINT16	R/W	Host alarm 09 action
1010	42021	UINT16	R/W	Host alarm 10 action
1011	42023	UINT16	R/W	Host alarm 11 action
1012	42025	UINT16	R/W	Host alarm 12 action
1013	42027	UINT16	R/W	Host alarm 13 action
1014	42029	UINT16	R/W	Host alarm 14 action
1015	42031	UINT16	R/W	Host alarm 15 action
1016	42033	UINT16	R/W	Activate Host Alarm
1020	42041	Long	R/O	Tr. Valve Buffer Long
1021	42043	Long	R/O	Tr. Valve Buffer Long
1022	42045	Long	R/O	St. Valve Buffer Long
1023	42047	Long	R/O	St. Valve Buffer Long
1024	42049	UINT16	R/O	Travelling Valve value
1025	42051	Long	R/O	Tr. Valve value Long
1026	42053	Long	R/O	Tr. Valve value Long
1027	42055	UINT16	R/O	Standing Valve value
1028	42057	Long	R/O	St. Valve value Long
1029	42059	Long	R/O	St. Valve value Long
1030	42061	UINT16	R/O	CBE Value
1031	42063	Long	R/O	CBE Value Long

1032	42065	Long	R/O	CBE Value Long
1033	42067	UINT16	R/W	CBE Crank Angle flag
1034	42069	UINT16	R/W	Clear Valve Check
1035	42071	UINT16	R/O	Min surf. area last cycle
1036	42073	UINT16	R/O	Max surf. area last cycle
1037	42075	UINT16	R/O	Min surf. area since pwr up
1038	42077	UINT16	R/O	Max surf. area since pwr up
1040	42081	UINT16	R/O	d/h card area last stroke
1041	42083	UINT16	R/O	Min d/h area last cycle
1042	42085	UINT16	R/O	Max d/h area last cycle
1043	42087	UINT16	R/O	Min d/h area since pwr up
1044	42089	UINT16	R/O	Max d/h area since pwr up
1045	42091	UINT16	R/W	Clear area hist.
1060	42121	UINT16	R/O	Fluid calc. first str counted
1061	42123	UINT16	R/O	Fluid calc. stroke_incr
1062	42125	Long	R/W	Fluid calc. pump_vol
1063	42127	Long	R/W	Fluid calc. daily_tot_vol
1064	42129	Long	R/W	Fluid calc. daily_str_acc
1065	42131	Long	R/W	Fluid calc. surf_str_acc
1066	42133	UINT16	R/W	Fluid calc. debug parm1
1067	42135	UINT16	R/W	Fluid calc. debug parm2
1068	42137	UINT16	R/W	FP Catch-up Calc
1070	42141	UINT16	R/W	Reset Alarm Summary
1071	42143	Long	R/O	Avail/Fault 16-bit Indicators
1072	42145	Long	R/O	EStop/Remote 16bit Indicators
1073	42147	Long	R/O	Run/Stop 16-bit Indicators
1140	42281	UINT16	R/O	VSD: Step Value Down
1141	42283	UINT16	R/W	VSD Init Speed Chg Down
1142	42285	UINT16	R/W	VSD Min Speed Chg Down
1143	42287	UINT16	R/O	Min Speed Change Down (%)
1153	42307	UINT16	R/O	Tot strokes today
1154	42309	UINT16	R/O	STA BotSeg Start Pos (mV)
1155	42311	UINT16	R/O	STA BotSeg Stop Pos (mV)
1156	42313	UINT16	R/O	STA TopSeg Start Pos (mV)
1157	42315	UINT16	R/O	STA TopSeg Stop Pos (mV)
1158	42317	UINT16	R/O	STA TOP Seg Detected (mV)
1159	42319	UINT16	R/O	STA DN Seg Detected (mV)
1160	42321	UINT16	R/O	STA BOT Seg Detected (mV)
1161	42323	UINT16	R/O	STA UP Seg Detected (mV)
1162	42325	UINT16	R/W	Unused EE based param

1163	42327	UINT16	R/W	BOS ctr f/TMP CTL LOSS
1165	42331	UINT16	R/O	STA BOS Seg Duration
1166	42333	UINT16	R/O	STA TOS Seg Duration
1168	42337	UINT16	R/W	VSD ctl filt ctr
1169	42339	UINT16	R/W	VSD: AO Output(mA)
1170	42341	Long	R/O	Accum Pump Fillage
1172	42345	Long	R/W	VSD: eval Longr
1173	42347	UINT16	R/W	VSD: Learn Error Code
1174	42349	UINT16	R/W	VSD: Control Filter
1175	42351	UINT16	R/O	VSD: Tol State
1176	42353	UINT16	R/O	VSD: Abs Tol State
1177	42355	UINT16	R/O	VSD: Control SPM
1178	42357	UINT16	R/O	VSD: Step Value
1179	42359	UINT16	R/W	Startup Stroke Count
1180	42361	INT16	R/W	A/O-1 Override EGU Value
1181	42363	UINT16	R/O	A/O-1 Output Raw Counts
1182	42365	INT16	R/O	A/O-1 Scaled EGU Value
1183	42367	UINT16	R/W	A/O-1 Range Select
1184	42369	UINT16	R/W	A/O-1 EGU Decimal Places
1185	42371	UINT16	R/W	A/O-1 EGU Label
1186	42373	INT16	R/W	A/O-1 Low Scale
1187	42375	INT16	R/W	A/O-1 High Scale
1188	42377	UINT16	R/W	A/O-1 Source Parameter
1189	42379	UINT16	R/W	A/O-1 Override Enable
1190	42381	UINT16	R/W	MBS Comm Baud Rate
1191	42383	UINT16	R/W	MBS Data Bits
1192	42385	UINT16	R/W	MBS Comm Parity
1193	42387	UINT16	R/W	MBS Comm Stop Bits
1194	42389	UINT16	R/W	MBS Comm RTS Delay
1195	42391	UINT16	R/W	MBS Comm RTS Hld
1196	42393	UINT16	R/W	MBS Comm Rx Tmout
1197	42395	UINT16	R/W	MBS Comm PTT Tmout
1198	42397	UINT16	R/W	MBS Comm Protocol
1199	42399	UINT16	R/W	MBS Comm Port Mode
1202	42405	UINT16	R/W	MBS Comm Rx Chars
1203	42407	UINT16	R/W	MBS Comm Tx Chars
1206	42413	UINT16	R/W	MBS Comm BadRxChrs
1208	42417	UINT16	R/W	MBS Comm Clr Stats
1230	42461	UINT16	R/W	Speed Trim Adjust Enable
1231	42463	UINT16	R/W	STA Trim Speed

1232	42465	UINT16	R/W	STA BOT Start Angle(deg)
1233	42467	UINT16	R/W	STA BOT Stop Angle(deg)
1234	42469	UINT16	R/W	STA TOP Start Angle(deg)
1235	42471	UINT16	R/W	STA TOP Stop Angle(deg)
1236	42473	UINT16	R/W	STA Consecutive Trans
1237	42475	UINT16	R/W	STA Max Top/Bot Seg Long(ms)
1238	42477	UINT16	R/W	STA Max UP Speed
1239	42479	UINT16	R/W	STA Max DN Speed
1240	42481	UINT16	R/W	STA Max TRNS Speed
1241	42483	UINT16	R/W	STA Dn Speed Diff
1242	42485	UINT16	R/W	STA Dn Speed Diff Dir
1246	42493	UINT16	R/O	STA Current Segment
1247	42495	UINT16	R/O	STA Current Longr
1248	42497	UINT16	R/O	STA Next Segment
1249	42499	UINT16	R/W	Direction Num of Samples
1250	42501	UINT16	R/W	VSD Enable Flag
1251	42503	UINT16	R/O	VSD Base Output%
1252	42505	UINT16	R/W	VSD Tolerance (+/-%)
1253	42507	UINT16	R/W	VSD Init Speed Chg
1254	42509	UINT16	R/O	VSD Min Cntrl Out%
1255	42511	UINT16	R/O	VSD Max Cntrl Out%
1256	42513	UINT16	R/W	VSD Min SPM
1257	42515	UINT16	R/W	VSD Max SPM
1258	42517	UINT16	R/W	VSD Min Speed Chg
1259	42519	UINT16	R/O	VSD Control Out
1260	42521	Long	R/O	VSD Out Tolerance Tm
1261	42523	Long	R/W	VSD Evaluation Long
1262	42525	UINT16	R/W	VSD Out Tol Action
1263	42527	UINT16	R/W	VSD SPM Override Val
1264	42529	UINT16	R/W	VSD SPM Override Flg
1265	42531	UINT16	R/W	VSD Avg Output
1268	42537	UINT16	R/W	SPM Startup value
1269	42539	UINT16	R/O	Avg SPM gauge period
1270	42541	UINT16	R/O	SPM Measured
1271	42543	UINT16	R/O	AO Min Output(mA)
1272	42545	UINT16	R/O	AO Max Output(mA)
1273	42547	UINT16	R/W	Min Pump Fillage
1274	42549	UINT16	R/W	Min Fill Stroke Count
1275	42551	UINT16	R/W	Min Fill Action
1277	42555	UINT16	R/O	Min Speed Change (%)

1278	42557	UINT16	R/W	Speed Tolerance(SPM)
1279	42559	UINT16	R/O	Low Tol Stroke Ctr
1280	42561	UINT16	R/O	Lo-Tol Strokes Yesterday
1281	42563	UINT16	R/O	Lo-Tol Strokes 2 days ago
1282	42565	UINT16	R/O	High Tol Stroke Ctr
1283	42567	UINT16	R/O	Hi-Tol Strokes Yesterday
1284	42569	UINT16	R/O	Hi-Tol Strokes 2 days ago
1285	42571	UINT16	R/O	In Tol Stroke Ctr
1286	42573	UINT16	R/O	In-Tol Strokes Yesterday
1287	42575	UINT16	R/O	In-Tol Strokes 2 days ago
1288	42577	UINT16	R/O	Avg SPM yesterday
1289	42579	UINT16	R/O	Avg SPM two days ago
1290	42581	UINT16	R/W	Rod Load Ctrl Enable
1291	42583	UINT16	R/W	RLC Hi Gain
1292	42585	UINT16	R/W	RLC Lo Gain
1294	42589	UINT16	R/W	RLC Load Deadband
1295	42591	UINT16	R/W	RLC Lo Load Limit
1296	42593	UINT16	R/W	RLC Hi Load Limit
1297	42595	UINT16	R/W	RLC Min Out SPM
1298	42597	UINT16	R/W	VSD Cfg Save
1299	42599	Long	R/W	VSD Disturbed state Long limit
1300	42601	UINT16	R/W	Dev1 Flags
1301	42603	UINT16	R/W	Dev1 Unit ID
1303	42607	UINT16	R/W	Dev1 RTS Delay
1304	42609	UINT16	R/W	Dev1 RTS Hold
1305	42611	UINT16	R/W	Dev1 Mx Stat/Coils
1306	42613	UINT16	R/W	Dev1 Max Analog Regs
1309	42619	UINT16	R/W	Dev1 Clr Stats
1310	42621	UINT16	R/O	Dev1 Rx Chars
1311	42623	UINT16	R/O	Dev1 Tx Chars
1312	42625	UINT16	R/O	Dev1 Rx Msgs
1313	42627	UINT16	R/O	Dev1 Tx Msgs
1314	42629	UINT16	R/O	Dev1 BadRxChars
1315	42631	UINT16	R/O	Dev1 Bad Rx Msgs
1316	42633	UINT16	R/O	Dev1 Retries
1317	42635	UINT16	R/O	Dev1 ErrorCount
1318	42637	UINT16	R/O	Dev1 Status
1320	42641	UINT16	R/W	Dev2 Flags
1321	42643	UINT16	R/W	Dev2 Unit ID
1323	42647	UINT16	R/W	Dev2 RTS Delay

1324	42649	UINT16	R/W	Dev2 RTS Hold
1325	42651	UINT16	R/W	Dev2 Mx Stat/Coils
1326	42653	UINT16	R/W	Dev2 Max Analog Regs
1329	42659	UINT16	R/W	Dev2 Clr Stats
1330	42661	UINT16	R/O	Dev2 Rx Chars
1331	42663	UINT16	R/O	Dev2 Tx Chars
1332	42665	UINT16	R/O	Dev2 Rx Msgs
1333	42667	UINT16	R/O	Dev2 Tx Msgs
1334	42669	UINT16	R/O	Dev2 BadRxChars
1335	42671	UINT16	R/O	Dev2 Bad Rx Msgs
1336	42673	UINT16	R/O	Dev2 Retries
1337	42675	UINT16	R/O	Dev2 ErrorCount
1338	42677	UINT16	R/O	Dev2 Status
1340	42681	UINT16	R/W	Dev3 Flags
1341	42683	UINT16	R/W	Dev3 Unit ID
1343	42687	UINT16	R/W	Dev3 RTS Delay
1344	42689	UINT16	R/W	Dev3 RTS Hold
1345	42691	UINT16	R/W	Dev3 Mx Stat/Coils
1346	42693	UINT16	R/W	Dev3 Max Analog Regs
1349	42699	UINT16	R/W	Dev3 Clr Stats
1350	42701	UINT16	R/O	Dev3 Rx Chars
1351	42703	UINT16	R/O	Dev3 Tx Chars
1352	42705	UINT16	R/O	Dev3 Rx Msgs
1353	42707	UINT16	R/O	Dev3 Tx Msgs
1354	42709	UINT16	R/O	Dev3 BadRxChars
1355	42711	UINT16	R/O	Dev3 Bad Rx Msgs
1356	42713	UINT16	R/O	Dev3 Retries
1357	42715	UINT16	R/O	Dev3 ErrorCount
1358	42717	UINT16	R/O	Dev3 Status
1360	42721	UINT16	R/W	Dev4 Flags
1361	42723	UINT16	R/W	Dev4 Unit ID
1363	42727	UINT16	R/W	Dev4 RTS Delay
1364	42729	UINT16	R/W	Dev4 RTS Hold
1365	42731	UINT16	R/W	Dev4 Mx Stat/Coils
1366	42733	UINT16	R/W	Dev4 Max Analog Regs
1369	42739	UINT16	R/W	Dev4 Clr Stats
1370	42741	UINT16	R/O	Dev4 Rx Chars
1371	42743	UINT16	R/O	Dev4 Tx Chars
1372	42745	UINT16	R/O	Dev4 Rx Msgs
1373	42747	UINT16	R/O	Dev4 Tx Msgs

1374	42749	UINT16	R/O	Dev4 BadRxChars
1375	42751	UINT16	R/O	Dev4 Bad Rx Msgs
1376	42753	UINT16	R/O	Dev4 Retries
1377	42755	UINT16	R/O	Dev4 ErrorCount
1378	42757	UINT16	R/O	Dev4 Status
1380	42761	UINT16	R/W	Dev5 Flags
1381	42763	UINT16	R/W	Dev5 Unit ID
1383	42767	UINT16	R/W	Dev5 RTS Delay
1384	42769	UINT16	R/W	Dev5 RTS Hold
1385	42771	UINT16	R/W	Dev5 Mx Stat/Coils
1386	42773	UINT16	R/W	Dev5 Max Analog Regs
1389	42779	UINT16	R/W	Dev5 Clr Stats
1390	42781	UINT16	R/O	Dev5 Rx Chars
1391	42783	UINT16	R/O	Dev5 Tx Chars
1392	42785	UINT16	R/O	Dev5 Rx Msgs
1393	42787	UINT16	R/O	Dev5 Tx Msgs
1394	42789	UINT16	R/O	Dev5 BadRxChars
1395	42791	UINT16	R/O	Dev5 Bad Rx Msgs
1396	42793	UINT16	R/O	Dev5 Retries
1397	42795	UINT16	R/O	Dev5 ErrorCount
1398	42797	UINT16	R/O	Dev5 Status
1400	42801	UINT16	R/W	Dev6 Flags
1401	42803	UINT16	R/W	Dev6 Unit ID
1403	42807	UINT16	R/W	Dev6 RTS Delay
1404	42809	UINT16	R/W	Dev6 RTS Hold
1405	42811	UINT16	R/W	Dev6 Mx Stat/Coils
1406	42813	UINT16	R/W	Dev6 Max Analog Regs
1409	42819	UINT16	R/W	Dev6 Clr Stats
1410	42821	UINT16	R/O	Dev6 Rx Chars
1411	42823	UINT16	R/O	Dev6 Tx Chars
1412	42825	UINT16	R/O	Dev6 Rx Msgs
1413	42827	UINT16	R/O	Dev6 Tx Msgs
1414	42829	UINT16	R/O	Dev6 BadRxChars
1415	42831	UINT16	R/O	Dev6 Bad Rx Msgs
1416	42833	UINT16	R/O	Dev6 Retries
1417	42835	UINT16	R/O	Dev6 ErrorCount
1418	42837	UINT16	R/O	Dev6 Status
1420	42841	UINT16	R/W	Dev7 Flags
1421	42843	UINT16	R/W	Dev7 Unit ID
1423	42847	UINT16	R/W	Dev7 RTS Delay

1424	42849	UINT16	R/W	Dev7 RTS Hold
1425	42851	UINT16	R/W	Dev7 Mx Stat/Coils
1426	42853	UINT16	R/W	Dev7 Max Analog Regs
1429	42859	UINT16	R/W	Dev7 Clr Stats
1430	42861	UINT16	R/O	Dev7 Rx Chars
1431	42863	UINT16	R/O	Dev7 Tx Chars
1432	42865	UINT16	R/O	Dev7 Rx Msgs
1433	42867	UINT16	R/O	Dev7 Tx Msgs
1434	42869	UINT16	R/O	Dev7 BadRxChars
1435	42871	UINT16	R/O	Dev7 Bad Rx Msgs
1436	42873	UINT16	R/O	Dev7 Retries
1437	42875	UINT16	R/O	Dev7 ErrorCount
1438	42877	UINT16	R/O	Dev7 Status
1440	42881	UINT16	R/W	Dev8 Flags
1441	42883	UINT16	R/W	Dev8 Unit ID
1443	42887	UINT16	R/W	Dev8 RTS Delay
1444	42889	UINT16	R/W	Dev8 RTS Hold
1445	42891	UINT16	R/W	Dev8 Mx Stat/Coils
1446	42893	UINT16	R/W	Dev8 Max Analog Regs
1449	42899	UINT16	R/W	Dev8 Clr Stats
1450	42901	UINT16	R/O	Dev8 Rx Chars
1451	42903	UINT16	R/O	Dev8 Tx Chars
1452	42905	UINT16	R/O	Dev8 Rx Msgs
1453	42907	UINT16	R/O	Dev8 Tx Msgs
1454	42909	UINT16	R/O	Dev8 BadRxChars
1455	42911	UINT16	R/O	Dev8 Bad Rx Msgs
1456	42913	UINT16	R/O	Dev8 Retries
1457	42915	UINT16	R/O	Dev8 ErrorCount
1458	42917	UINT16	R/O	Dev8 Status
1460	42921	UINT16	R/O	STA Max Up Speed Pct
1461	42923	UINT16	R/O	STA Max Down Speed Pct
1462	42925	UINT16	R/O	STA Max Trns Speed Pct
1463	42927	UINT16	R/O	STA Down Speed Diff Pct
1464	42929	UINT16	R/O	STA Trim Speed Pct
1465	42931	UINT16	R/W	Pump Dir DO PntNum
1466	42933	UINT16	R/O	STA Cur Down Speed Pct
1467	42935	UINT16	R/O	STA Cur TOP Speed Pct
1468	42937	UINT16	R/O	STA Cur BOT Speed Pct
1469	42939	UINT16	R/O	STA Cur Up Speed Pct
1470	42941	UINT16	R/O	RLC Load Hist[0]

1471	42943	UINT16	R/O	RLC Load Hist[1]
1472	42945	UINT16	R/O	RLC Load Hist[2]
1473	42947	UINT16	R/O	RLC Duration Hist[0]
1474	42949	UINT16	R/O	RLC Duration Hist[1]
1475	42951	UINT16	R/O	RLC Duration Hist[2]
1476	42953	UINT16	R/O	RLC Event Sequence Num 1
1477	42955	UINT16	R/O	RLC Event Sequence Num 2
1478	42957	UINT16	R/O	RLC Event Sequence Num 3
1479	42959	Long	R/W	VSD: In Tol Longr
1480	42961	UINT16	R/O	RLC Hi Evt Ctr Cur
1481	42963	UINT16	R/O	RLC Hi Evt Ctr Yest
1482	42965	UINT16	R/O	RLC Hi Evt Ctr Yest-1
1483	42967	UINT16	R/O	RLC Lo Evt Ctr Cur
1484	42969	UINT16	R/O	RLC Lo Evt Ctr Yest
1485	42971	UINT16	R/O	RLC Lo Evt Ctr Yest-1
1486	42973	UINT16	R/O	RLC Event Min Speed 1
1487	42975	UINT16	R/O	RLC Event Min Speed 2
1488	42977	UINT16	R/O	RLC Event Min Speed 3
1489	42979	UINT16	R/W	VSD InTol Chg Ctr
1490	42981	UINT16	R/W	Mtr Curr Decimal (10^x)
1491	42983	UINT16	R/W	Mtr FLA Decimal (10^x)
1496	42993	Long	R/W	VSD InTol Max Long
1497	42995	UINT16	R/W	VSD In Tol Speed Diff
1498	42997	UINT16	R/W	STA Output Pct
1499	42999	UINT16	R/W	RLC Output %
1500	43001	UINT16	R/W	Scn Mask Select
1501	43003	UINT16	R/W	Scn Retries
1502	43005	UINT16	R/W	Scn Retry Delay
1503	43007	UINT16	R/W	Scn Scan Delay
1504	43009	UINT16	R/W	Scn Cycle Delay
1505	43011	UINT16	R/W	Scn Auto Refresh
1508	43017	Display	R/O	Scn Disp State
1510	43021	UINT16	R/W	Scan1 Blk 1 Access
1511	43023	UINT16	R/W	Scan1 Blk 1 Device
1512	43025	UINT16	R/W	Scan1 Blk 1 Start Reg
1513	43027	UINT16	R/W	Scan1 Blk 1 Quantity
1514	43029	UINT16	R/W	Scan1 Blk 1 Database Indx
1515	43031	UINT16	R/W	Scan1 Blk 2 Access
1516	43033	UINT16	R/W	Scan1 Blk 2 Device
1517	43035	UINT16	R/W	Scan1 Blk 2 Start Reg

1518	43037	UINT16	R/W	Scan1 Blk 2 Quantity
1519	43039	UINT16	R/W	Scan1 Blk 2 Database Indx
1520	43041	UINT16	R/W	Scan1 Blk 3 Access
1521	43043	UINT16	R/W	Scan1 Blk 3 Device
1522	43045	UINT16	R/W	Scan1 Blk 3 Start Reg
1523	43047	UINT16	R/W	Scan1 Blk 3 Quantity
1524	43049	UINT16	R/W	Scan1 Blk 3 Database Indx
1525	43051	UINT16	R/W	Scan1 Blk 4 Access
1526	43053	UINT16	R/W	Scan1 Blk 4 Device
1527	43055	UINT16	R/W	Scan1 Blk 4 Start Reg
1528	43057	UINT16	R/W	Scan1 Blk 4 Quantity
1529	43059	UINT16	R/W	Scan1 Blk 4 Database Indx
1530	43061	UINT16	R/W	Scan1 Blk 5 Access
1531	43063	UINT16	R/W	Scan1 Blk 5 Device
1532	43065	UINT16	R/W	Scan1 Blk 5 Start Reg
1533	43067	UINT16	R/W	Scan1 Blk 5 Quantity
1534	43069	UINT16	R/W	Scan1 Blk 5 Database Indx
1535	43071	UINT16	R/W	Scan1 Blk 6 Access
1536	43073	UINT16	R/W	Scan1 Blk 6 Device
1537	43075	UINT16	R/W	Scan1 Blk 6 Start Reg
1538	43077	UINT16	R/W	Scan1 Blk 6 Quantity
1539	43079	UINT16	R/W	Scan1 Blk 6 Database Indx
1540	43081	UINT16	R/W	Scan1 Blk 7 Access
1541	43083	UINT16	R/W	Scan1 Blk 7 Device
1542	43085	UINT16	R/W	Scan1 Blk 7 Start Reg
1543	43087	UINT16	R/W	Scan1 Blk 7 Quantity
1544	43089	UINT16	R/W	Scan1 Blk 7 Database Indx
1545	43091	UINT16	R/W	Scan1 Blk 8 Access
1546	43093	UINT16	R/W	Scan1 Blk 8 Device
1547	43095	UINT16	R/W	Scan1 Blk 8 Start Reg
1548	43097	UINT16	R/W	Scan1 Blk 8 Quantity
1549	43099	UINT16	R/W	Scan1 Blk 8 Database Indx
1550	43101	UINT16	R/W	Scan1 Blk 9 Access
1551	43103	UINT16	R/W	Scan1 Blk 9 Device
1552	43105	UINT16	R/W	Scan1 Blk 9 Start Reg
1553	43107	UINT16	R/W	Scan1 Blk 9 Quantity
1554	43109	UINT16	R/W	Scan1 Blk 9 Database Indx
1555	43111	UINT16	R/W	Scan1 Blk 10 Access
1556	43113	UINT16	R/W	Scan1 Blk 10 Device
1557	43115	UINT16	R/W	Scan1 Blk 10 Start Reg

1558	43117	UINT16	R/W	Scan1 Blk 10 Quantity
1559	43119	UINT16	R/W	Scan1 Blk 10 Database Indx
1560	43121	UINT16	R/W	Scan1 Blk 11 Access
1561	43123	UINT16	R/W	Scan1 Blk 11 Device
1562	43125	UINT16	R/W	Scan1 Blk 11 Start Reg
1563	43127	UINT16	R/W	Scan1 Blk 11 Quantity
1564	43129	UINT16	R/W	Scan1 Blk 11 Database Indx
1565	43131	UINT16	R/W	Scan1 Blk 12 Access
1566	43133	UINT16	R/W	Scan1 Blk 12 Device
1567	43135	UINT16	R/W	Scan1 Blk 12 Start Reg
1568	43137	UINT16	R/W	Scan1 Blk 12 Quantity
1569	43139	UINT16	R/W	Scan1 Blk 12 Database Indx
1570	43141	UINT16	R/W	Scan1 Blk 13 Access
1571	43143	UINT16	R/W	Scan1 Blk 13 Device
1572	43145	UINT16	R/W	Scan1 Blk 13 Start Reg
1573	43147	UINT16	R/W	Scan1 Blk 13 Quantity
1574	43149	UINT16	R/W	Scan1 Blk 13 Database Indx
1575	43151	UINT16	R/W	Scan1 Blk 14 Access
1576	43153	UINT16	R/W	Scan1 Blk 14 Device
1577	43155	UINT16	R/W	Scan1 Blk 14 Start Reg
1578	43157	UINT16	R/W	Scan1 Blk 14 Quantity
1579	43159	UINT16	R/W	Scan1 Blk 14 Database Indx
1580	43161	UINT16	R/W	Scan1 Blk 15 Access
1581	43163	UINT16	R/W	Scan1 Blk 15 Device
1582	43165	UINT16	R/W	Scan1 Blk 15 Start Reg
1583	43167	UINT16	R/W	Scan1 Blk 15 Quantity
1584	43169	UINT16	R/W	Scan1 Blk 15 Database Indx
1585	43171	UINT16	R/W	Scan1 Blk 16 Access
1586	43173	UINT16	R/W	Scan1 Blk 16 Device
1587	43175	UINT16	R/W	Scan1 Blk 16 Start Reg
1588	43177	UINT16	R/W	Scan1 Blk 16 Quantity
1589	43179	UINT16	R/W	Scan1 Blk 16 Database Indx
1600	43201	Long	R/O	AO Cal Volt Lo Counts
1601	43203	Long	R/O	AO Cal Volt Hi Counts
1602	43205	Long	R/O	AO Cal Curr Lo Counts
1603	43207	Long	R/O	AO Cal Curr Hi Counts
1605	43211	UINT16	R/W	Scan1 Blk 17 Access
1606	43213	UINT16	R/W	Scan1 Blk 17 Device
1607	43215	UINT16	R/W	Scan1 Blk 17 Start Reg
1608	43217	UINT16	R/W	Scan1 Blk 17 Quantity

1609	43219	UINT16	R/W	Scan1 Blk 17 Database Indx
1610	43221	UINT16	R/W	Scan1 Blk 18 Access
1611	43223	UINT16	R/W	Scan1 Blk 18 Device
1612	43225	UINT16	R/W	Scan1 Blk 18 Start Reg
1613	43227	UINT16	R/W	Scan1 Blk 18 Quantity
1614	43229	UINT16	R/W	Scan1 Blk 18 Database Indx
1615	43231	UINT16	R/W	Scan1 Blk 19 Access
1616	43233	UINT16	R/W	Scan1 Blk 19 Device
1617	43235	UINT16	R/W	Scan1 Blk 19 Start Reg
1618	43237	UINT16	R/W	Scan1 Blk 19 Quantity
1619	43239	UINT16	R/W	Scan1 Blk 19 Database Indx
1620	43241	UINT16	R/W	Scan1 Blk 20 Access
1621	43243	UINT16	R/W	Scan1 Blk 20 Device
1622	43245	UINT16	R/W	Scan1 Blk 20 Start Reg
1623	43247	UINT16	R/W	Scan1 Blk 20 Quantity
1624	43249	UINT16	R/W	Scan1 Blk 20 Database Indx
1625	43251	UINT16	R/W	Scan1 Blk 21 Access
1626	43253	UINT16	R/W	Scan1 Blk 21 Device
1627	43255	UINT16	R/W	Scan1 Blk 21 Start Reg
1628	43257	UINT16	R/W	Scan1 Blk 21 Quantity
1629	43259	UINT16	R/W	Scan1 Blk 21 Database Indx
1630	43261	UINT16	R/W	Scan1 Blk 22 Access
1631	43263	UINT16	R/W	Scan1 Blk 22 Device
1632	43265	UINT16	R/W	Scan1 Blk 22 Start Reg
1633	43267	UINT16	R/W	Scan1 Blk 22 Quantity
1634	43269	UINT16	R/W	Scan1 Blk 22 Database Indx
1635	43271	UINT16	R/W	Scan1 Blk 23 Access
1636	43273	UINT16	R/W	Scan1 Blk 23 Device
1637	43275	UINT16	R/W	Scan1 Blk 23 Start Reg
1638	43277	UINT16	R/W	Scan1 Blk 23 Quantity
1639	43279	UINT16	R/W	Scan1 Blk 23 Database Indx
1640	43281	UINT16	R/W	Scan1 Blk 24 Access
1641	43283	UINT16	R/W	Scan1 Blk 24 Device
1642	43285	UINT16	R/W	Scan1 Blk 24 Start Reg
1643	43287	UINT16	R/W	Scan1 Blk 24 Quantity
1644	43289	UINT16	R/W	Scan1 Blk 24 Database Indx
1645	43291	UINT16	R/W	Scan1 Blk 25 Access
1646	43293	UINT16	R/W	Scan1 Blk 25 Device
1647	43295	UINT16	R/W	Scan1 Blk 25 Start Reg
1648	43297	UINT16	R/W	Scan1 Blk 25 Quantity

1649	43299	UINT16	R/W	Scan1 Blk 25 Database Indx
1650	43301	UINT16	R/W	Scan1 Blk 26 Access
1651	43303	UINT16	R/W	Scan1 Blk 26 Device
1652	43305	UINT16	R/W	Scan1 Blk 26 Start Reg
1653	43307	UINT16	R/W	Scan1 Blk 26 Quantity
1654	43309	UINT16	R/W	Scan1 Blk 26 Database Indx
1655	43311	UINT16	R/W	Scan1 Blk 27 Access
1656	43313	UINT16	R/W	Scan1 Blk 27 Device
1657	43315	UINT16	R/W	Scan1 Blk 27 Start Reg
1658	43317	UINT16	R/W	Scan1 Blk 27 Quantity
1659	43319	UINT16	R/W	Scan1 Blk 27 Database Indx
1660	43321	UINT16	R/W	Scan1 Blk 28 Access
1661	43323	UINT16	R/W	Scan1 Blk 28 Device
1662	43325	UINT16	R/W	Scan1 Blk 28 Start Reg
1663	43327	UINT16	R/W	Scan1 Blk 28 Quantity
1664	43329	UINT16	R/W	Scan1 Blk 28 Database Indx
1665	43331	UINT16	R/W	Scan1 Blk 29 Access
1666	43333	UINT16	R/W	Scan1 Blk 29 Device
1667	43335	UINT16	R/W	Scan1 Blk 29 Start Reg
1668	43337	UINT16	R/W	Scan1 Blk 29 Quantity
1669	43339	UINT16	R/W	Scan1 Blk 29 Database Indx
1670	43341	UINT16	R/W	Scan1 Blk 30 Access
1671	43343	UINT16	R/W	Scan1 Blk 30 Device
1672	43345	UINT16	R/W	Scan1 Blk 30 Start Reg
1673	43347	UINT16	R/W	Scan1 Blk 30 Quantity
1674	43349	UINT16	R/W	Scan1 Blk 30 Database Indx
1675	43351	UINT16	R/W	Scan1 Blk 31 Access
1676	43353	UINT16	R/W	Scan1 Blk 31 Device
1677	43355	UINT16	R/W	Scan1 Blk 31 Start Reg
1678	43357	UINT16	R/W	Scan1 Blk 31 Quantity
1679	43359	UINT16	R/W	Scan1 Blk 31 Database Indx
1680	43361	UINT16	R/W	Scan1 Blk 32 Access
1681	43363	UINT16	R/W	Scan1 Blk 32 Device
1682	43365	UINT16	R/W	Scan1 Blk 32 Start Reg
1683	43367	UINT16	R/W	Scan1 Blk 32 Quantity
1684	43369	UINT16	R/W	Scan1 Blk 32 Database Indx
1700	43401	UINT16	R/W	Dbase Chg Flags 0- 15
1701	43403	UINT16	R/W	Dbase Chg Flags 16- 31
1702	43405	UINT16	R/W	Dbase Chg Flags 32- 47
1703	43407	UINT16	R/W	Dbase Chg Flags 48- 63

1704	43409	UINT16	R/W	Dbase Chg Flags 64- 79
1705	43411	UINT16	R/W	Dbase Chg Flags 80- 95
1706	43413	UINT16	R/W	Dbase Chg Flags 96-111
1707	43415	UINT16	R/W	Dbase Chg Flags 112-127
1708	43417	UINT16	R/W	Dbase Chg Flags 128-143
1709	43419	UINT16	R/W	Dbase Chg Flags 144-159
1710	43421	UINT16	R/W	Dbase Chg Flags 160-175
1711	43423	UINT16	R/W	Dbase Chg Flags 176-191
1712	43425	UINT16	R/W	Dbase Chg Flags 192-207
1713	43427	UINT16	R/W	Dbase Chg Flags 208-223
1714	43429	UINT16	R/W	Dbase Chg Flags 224-239
1715	43431	UINT16	R/W	Dbase Chg Flags 240-255
1716	43433	UINT16	R/W	Dbase Chg Flags 256-271
1717	43435	UINT16	R/W	Dbase Chg Flags 272-287
1718	43437	UINT16	R/W	Dbase Chg Flags 288-303
1719	43439	UINT16	R/W	Dbase Chg Flags 304-319
1720	43441	UINT16	R/W	Dbase Chg Flags 320-335
1721	43443	UINT16	R/W	Dbase Chg Flags 336-351
1722	43445	UINT16	R/W	Dbase Chg Flags 352-367
1723	43447	UINT16	R/W	Dbase Chg Flags 368-383
1724	43449	UINT16	R/W	Dbase Chg Flags 384-399
1725	43451	UINT16	R/W	Dbase Chg Flags 400-415
1726	43453	UINT16	R/W	Dbase Chg Flags 416-431
1727	43455	UINT16	R/W	Dbase Chg Flags 432-447
1728	43457	UINT16	R/W	Dbase Chg Flags 448-463
1729	43459	UINT16	R/W	Dbase Chg Flags 464-479
1730	43461	UINT16	R/W	Dbase Chg Flags 480-495
1731	43463	UINT16	R/W	Dbase Chg Flags 496-511
1732	43465	UINT16	R/W	Dbase Chg Flags 512-527
1733	43467	UINT16	R/W	Dbase Chg Flags 528-543
1734	43469	UINT16	R/W	Dbase Chg Flags 544-559
1750	43501	UINT16	R/W	ModScan Reg 0
1751	43503	UINT16	R/W	ModScan Reg 1
1752	43505	UINT16	R/W	ModScan Reg 2
1753	43507	UINT16	R/W	ModScan Reg 3
1754	43509	UINT16	R/W	ModScan Reg 4
1755	43511	UINT16	R/W	ModScan Reg 5
1756	43513	UINT16	R/W	ModScan Reg 6
1757	43515	UINT16	R/W	ModScan Reg 7
1758	43517	UINT16	R/W	ModScan Reg 8

1759	43519	UINT16	R/W	ModScan Reg 9
1760	43521	UINT16	R/W	ModScan Reg 10
1761	43523	UINT16	R/W	ModScan Reg 11
1762	43525	UINT16	R/W	ModScan Reg 12
1763	43527	UINT16	R/W	ModScan Reg 13
1764	43529	UINT16	R/W	ModScan Reg 14
1765	43531	UINT16	R/W	ModScan Reg 15
1766	43533	UINT16	R/W	ModScan Reg 16
1767	43535	UINT16	R/W	ModScan Reg 17
1768	43537	UINT16	R/W	ModScan Reg 18
1769	43539	UINT16	R/W	ModScan Reg 19
1770	43541	UINT16	R/W	ModScan Reg 20
1771	43543	UINT16	R/W	ModScan Reg 21
1772	43545	UINT16	R/W	ModScan Reg 22
1773	43547	UINT16	R/W	ModScan Reg 23
1774	43549	UINT16	R/W	ModScan Reg 24
1775	43551	UINT16	R/W	ModScan Reg 25
1776	43553	UINT16	R/W	ModScan Reg 26
1777	43555	UINT16	R/W	ModScan Reg 27
1778	43557	UINT16	R/W	ModScan Reg 28
1779	43559	UINT16	R/W	ModScan Reg 29
1780	43561	UINT16	R/W	ModScan Reg 30
1781	43563	UINT16	R/W	ModScan Reg 31
1782	43565	UINT16	R/W	ModScan Reg 32
1783	43567	UINT16	R/W	ModScan Reg 33
1784	43569	UINT16	R/W	ModScan Reg 34
1785	43571	UINT16	R/W	ModScan Reg 35
1786	43573	UINT16	R/W	ModScan Reg 36
1787	43575	UINT16	R/W	ModScan Reg 37
1788	43577	UINT16	R/W	ModScan Reg 38
1789	43579	UINT16	R/W	ModScan Reg 39
1790	43581	UINT16	R/W	ModScan Reg 40
1791	43583	UINT16	R/W	ModScan Reg 41
1792	43585	UINT16	R/W	ModScan Reg 42
1793	43587	UINT16	R/W	ModScan Reg 43
1794	43589	UINT16	R/W	ModScan Reg 44
1795	43591	UINT16	R/W	ModScan Reg 45
1796	43593	UINT16	R/W	ModScan Reg 46
1797	43595	UINT16	R/W	ModScan Reg 47
1798	43597	UINT16	R/W	ModScan Reg 48

1799	43599	UINT16	R/W	ModScan Reg 49
1800	43601	UINT16	R/W	ModScan Reg 50
1801	43603	UINT16	R/W	ModScan Reg 51
1802	43605	UINT16	R/W	ModScan Reg 52
1803	43607	UINT16	R/W	ModScan Reg 53
1804	43609	UINT16	R/W	ModScan Reg 54
1805	43611	UINT16	R/W	ModScan Reg 55
1806	43613	UINT16	R/W	ModScan Reg 56
1807	43615	UINT16	R/W	ModScan Reg 57
1808	43617	UINT16	R/W	ModScan Reg 58
1809	43619	UINT16	R/W	ModScan Reg 59
1810	43621	UINT16	R/W	ModScan Reg 60
1811	43623	UINT16	R/W	ModScan Reg 61
1812	43625	UINT16	R/W	ModScan Reg 62
1813	43627	UINT16	R/W	ModScan Reg 63
1814	43629	UINT16	R/W	ModScan Reg 64
1815	43631	UINT16	R/W	ModScan Reg 65
1816	43633	UINT16	R/W	ModScan Reg 66
1817	43635	UINT16	R/W	ModScan Reg 67
1818	43637	UINT16	R/W	ModScan Reg 68
1819	43639	UINT16	R/W	ModScan Reg 69
1820	43641	UINT16	R/W	ModScan Reg 70
1821	43643	UINT16	R/W	ModScan Reg 71
1822	43645	UINT16	R/W	ModScan Reg 72
1823	43647	UINT16	R/W	ModScan Reg 73
1824	43649	UINT16	R/W	ModScan Reg 74
1825	43651	UINT16	R/W	ModScan Reg 75
1826	43653	UINT16	R/W	ModScan Reg 76
1827	43655	UINT16	R/W	ModScan Reg 77
1828	43657	UINT16	R/W	ModScan Reg 78
1829	43659	UINT16	R/W	ModScan Reg 79
1830	43661	UINT16	R/W	ModScan Reg 80
1831	43663	UINT16	R/W	ModScan Reg 81
1832	43665	UINT16	R/W	ModScan Reg 82
1833	43667	UINT16	R/W	ModScan Reg 83
1834	43669	UINT16	R/W	ModScan Reg 84
1835	43671	UINT16	R/W	ModScan Reg 85
1836	43673	UINT16	R/W	ModScan Reg 86
1837	43675	UINT16	R/W	ModScan Reg 87
1838	43677	UINT16	R/W	ModScan Reg 88

1839	43679	UINT16	R/W	ModScan Reg 89
1840	43681	UINT16	R/W	ModScan Reg 90
1841	43683	UINT16	R/W	ModScan Reg 91
1842	43685	UINT16	R/W	ModScan Reg 92
1843	43687	UINT16	R/W	ModScan Reg 93
1844	43689	UINT16	R/W	ModScan Reg 94
1845	43691	UINT16	R/W	ModScan Reg 95
1846	43693	UINT16	R/W	ModScan Reg 96
1847	43695	UINT16	R/W	ModScan Reg 97
1848	43697	UINT16	R/W	ModScan Reg 98
1849	43699	UINT16	R/W	ModScan Reg 99
1850	43701	UINT16	R/W	ModScan Reg 100
1851	43703	UINT16	R/W	ModScan Reg 101
1852	43705	UINT16	R/W	ModScan Reg 102
1853	43707	UINT16	R/W	ModScan Reg 103
1854	43709	UINT16	R/W	ModScan Reg 104
1855	43711	UINT16	R/W	ModScan Reg 105
1856	43713	UINT16	R/W	ModScan Reg 106
1857	43715	UINT16	R/W	ModScan Reg 107
1858	43717	UINT16	R/W	ModScan Reg 108
1859	43719	UINT16	R/W	ModScan Reg 109
1860	43721	UINT16	R/W	ModScan Reg 110
1861	43723	UINT16	R/W	ModScan Reg 111
1862	43725	UINT16	R/W	ModScan Reg 112
1863	43727	UINT16	R/W	ModScan Reg 113
1864	43729	UINT16	R/W	ModScan Reg 114
1865	43731	UINT16	R/W	ModScan Reg 115
1866	43733	UINT16	R/W	ModScan Reg 116
1867	43735	UINT16	R/W	ModScan Reg 117
1868	43737	UINT16	R/W	ModScan Reg 118
1869	43739	UINT16	R/W	ModScan Reg 119
1870	43741	UINT16	R/W	ModScan Reg 120
1871	43743	UINT16	R/W	ModScan Reg 121
1872	43745	UINT16	R/W	ModScan Reg 122
1873	43747	UINT16	R/W	ModScan Reg 123
1874	43749	UINT16	R/W	ModScan Reg 124
1875	43751	UINT16	R/W	ModScan Reg 125
1876	43753	UINT16	R/W	ModScan Reg 126
1877	43755	UINT16	R/W	ModScan Reg 127
1878	43757	UINT16	R/W	ModScan Reg 128

1879	43759	UINT16	R/W	ModScan Reg 129
1880	43761	UINT16	R/W	ModScan Reg 130
1881	43763	UINT16	R/W	ModScan Reg 131
1882	43765	UINT16	R/W	ModScan Reg 132
1883	43767	UINT16	R/W	ModScan Reg 133
1884	43769	UINT16	R/W	ModScan Reg 134
1885	43771	UINT16	R/W	ModScan Reg 135
1886	43773	UINT16	R/W	ModScan Reg 136
1887	43775	UINT16	R/W	ModScan Reg 137
1888	43777	UINT16	R/W	ModScan Reg 138
1889	43779	UINT16	R/W	ModScan Reg 139
1890	43781	UINT16	R/W	ModScan Reg 140
1891	43783	UINT16	R/W	ModScan Reg 141
1892	43785	UINT16	R/W	ModScan Reg 142
1893	43787	UINT16	R/W	ModScan Reg 143
1894	43789	UINT16	R/W	ModScan Reg 144
1895	43791	UINT16	R/W	ModScan Reg 145
1896	43793	UINT16	R/W	ModScan Reg 146
1897	43795	UINT16	R/W	ModScan Reg 147
1898	43797	UINT16	R/W	ModScan Reg 148
1899	43799	UINT16	R/W	ModScan Reg 149
1900	43801	UINT16	R/W	ModScan Reg 150
1901	43803	UINT16	R/W	ModScan Reg 151
1902	43805	UINT16	R/W	ModScan Reg 152
1903	43807	UINT16	R/W	ModScan Reg 153
1904	43809	UINT16	R/W	ModScan Reg 154
1905	43811	UINT16	R/W	ModScan Reg 155
1906	43813	UINT16	R/W	ModScan Reg 156
1907	43815	UINT16	R/W	ModScan Reg 157
1908	43817	UINT16	R/W	ModScan Reg 158
1909	43819	UINT16	R/W	ModScan Reg 159
1910	43821	UINT16	R/W	ModScan Reg 160
1911	43823	UINT16	R/W	ModScan Reg 161
1912	43825	UINT16	R/W	ModScan Reg 162
1913	43827	UINT16	R/W	ModScan Reg 163
1914	43829	UINT16	R/W	ModScan Reg 164
1915	43831	UINT16	R/W	ModScan Reg 165
1916	43833	UINT16	R/W	ModScan Reg 166
1917	43835	UINT16	R/W	ModScan Reg 167
1918	43837	UINT16	R/W	ModScan Reg 168

1919	43839	UINT16	R/W	ModScan Reg 169
1920	43841	UINT16	R/W	ModScan Reg 170
1921	43843	UINT16	R/W	ModScan Reg 171
1922	43845	UINT16	R/W	ModScan Reg 172
1923	43847	UINT16	R/W	ModScan Reg 173
1924	43849	UINT16	R/W	ModScan Reg 174
1925	43851	UINT16	R/W	ModScan Reg 175
1926	43853	UINT16	R/W	ModScan Reg 176
1927	43855	UINT16	R/W	ModScan Reg 177
1928	43857	UINT16	R/W	ModScan Reg 178
1929	43859	UINT16	R/W	ModScan Reg 179
1930	43861	UINT16	R/W	ModScan Reg 180
1931	43863	UINT16	R/W	ModScan Reg 181
1932	43865	UINT16	R/W	ModScan Reg 182
1933	43867	UINT16	R/W	ModScan Reg 183
1934	43869	UINT16	R/W	ModScan Reg 184
1935	43871	UINT16	R/W	ModScan Reg 185
1936	43873	UINT16	R/W	ModScan Reg 186
1937	43875	UINT16	R/W	ModScan Reg 187
1938	43877	UINT16	R/W	ModScan Reg 188
1939	43879	UINT16	R/W	ModScan Reg 189
1940	43881	UINT16	R/W	ModScan Reg 190
1941	43883	UINT16	R/W	ModScan Reg 191
1942	43885	UINT16	R/W	ModScan Reg 192
1943	43887	UINT16	R/W	ModScan Reg 193
1944	43889	UINT16	R/W	ModScan Reg 194
1945	43891	UINT16	R/W	ModScan Reg 195
1946	43893	UINT16	R/W	ModScan Reg 196
1947	43895	UINT16	R/W	ModScan Reg 197
1948	43897	UINT16	R/W	ModScan Reg 198
1949	43899	UINT16	R/W	ModScan Reg 199
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1951	43903	UINT16	R/W	ModScan Reg 201
1952	43905	UINT16	R/W	ModScan Reg 202
1953	43907	UINT16	R/W	ModScan Reg 203
1954	43909	UINT16	R/W	ModScan Reg 204
1955	43911	UINT16	R/W	ModScan Reg 205
1956	43913	UINT16	R/W	ModScan Reg 206
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1959	43919	UINT16	R/W	ModScan Reg 209
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1961	43923	UINT16	R/W	ModScan Reg 211
1962	43925	UINT16	R/W	ModScan Reg 212
1963	43927	UINT16	R/W	ModScan Reg 213
1964	43929	UINT16	R/W	ModScan Reg 214
1965	43931	UINT16	R/W	ModScan Reg 215
1966	43933	UINT16	R/W	ModScan Reg 216
1967	43935	UINT16	R/W	ModScan Reg 217
1968	43937	UINT16	R/W	ModScan Reg 218
1969	43939	UINT16	R/W	ModScan Reg 219
1970	43941	UINT16	R/W	ModScan Reg 220
1971	43943	UINT16	R/W	ModScan Reg 221
1972	43945	UINT16	R/W	ModScan Reg 222
1973	43947	UINT16	R/W	ModScan Reg 223
1974	43949	UINT16	R/W	ModScan Reg 224
1975	43951	UINT16	R/W	ModScan Reg 225
1976	43953	UINT16	R/W	ModScan Reg 226
1977	43955	UINT16	R/W	ModScan Reg 227
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1979	43959	UINT16	R/W	ModScan Reg 229
1980	43961	UINT16	R/W	ModScan Reg 230
1981	43963	UINT16	R/W	ModScan Reg 231
1982	43965	UINT16	R/W	ModScan Reg 232
1983	43967	UINT16	R/W	ModScan Reg 233
1984	43969	UINT16	R/W	ModScan Reg 234
1985	43971	UINT16	R/W	ModScan Reg 235
1986	43973	UINT16	R/W	ModScan Reg 236
1987	43975	UINT16	R/W	ModScan Reg 237
1988	43977	UINT16	R/W	ModScan Reg 238
1989	43979	UINT16	R/W	ModScan Reg 239
1990	43981	UINT16	R/W	ModScan Reg 240
1991	43983	UINT16	R/W	ModScan Reg 241
1992	43985	UINT16	R/W	ModScan Reg 242
1993	43987	UINT16	R/W	ModScan Reg 243
1994	43989	UINT16	R/W	ModScan Reg 244
1995	43991	UINT16	R/W	ModScan Reg 245
1996	43993	UINT16	R/W	ModScan Reg 246
1997	43995	UINT16	R/W	ModScan Reg 247
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1999	43999	UINT16	R/W	ModScan Reg 249
2000	44001	UINT16	R/W	ModScan Reg 250
2001	44003	UINT16	R/W	ModScan Reg 251
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2003	44007	UINT16	R/W	ModScan Reg 253
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2005	44011	UINT16	R/W	ModScan Reg 255
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2007	44015	UINT16	R/W	ModScan Reg 257
2008	44017	UINT16	R/W	ModScan Reg 258
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2013	44027	UINT16	R/W	ModScan Reg 263
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2035	44071	UINT16	R/W	ModScan Reg 285
2036	44073	UINT16	R/W	ModScan Reg 286
2037	44075	UINT16	R/W	ModScan Reg 287
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2039	44079	UINT16	R/W	ModScan Reg 289
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2041	44083	UINT16	R/W	ModScan Reg 291
2042	44085	UINT16	R/W	ModScan Reg 292
2043	44087	UINT16	R/W	ModScan Reg 293
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2045	44091	UINT16	R/W	ModScan Reg 295
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2051	44103	UINT16	R/W	ModScan Reg 301
2052	44105	UINT16	R/W	ModScan Reg 302
2053	44107	UINT16	R/W	ModScan Reg 303
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2061	44123	UINT16	R/W	ModScan Reg 311
2062	44125	UINT16	R/W	ModScan Reg 312
2063	44127	UINT16	R/W	ModScan Reg 313
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2065	44131	UINT16	R/W	ModScan Reg 315
2066	44133	UINT16	R/W	ModScan Reg 316
2067	44135	UINT16	R/W	ModScan Reg 317
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2074	44149	UINT16	R/W	ModScan Reg 324
2075	44151	UINT16	R/W	ModScan Reg 325
2076	44153	UINT16	R/W	ModScan Reg 326
2077	44155	UINT16	R/W	ModScan Reg 327
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2079	44159	UINT16	R/W	ModScan Reg 329
2080	44161	UINT16	R/W	ModScan Reg 330
2081	44163	UINT16	R/W	ModScan Reg 331
2082	44165	UINT16	R/W	ModScan Reg 332
2083	44167	UINT16	R/W	ModScan Reg 333
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2085	44171	UINT16	R/W	ModScan Reg 335
2086	44173	UINT16	R/W	ModScan Reg 336
2087	44175	UINT16	R/W	ModScan Reg 337
2088	44177	UINT16	R/W	ModScan Reg 338
2089	44179	UINT16	R/W	ModScan Reg 339
2090	44181	UINT16	R/W	ModScan Reg 340
2091	44183	UINT16	R/W	ModScan Reg 341
2092	44185	UINT16	R/W	ModScan Reg 342
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2113	44227	UINT16	R/W	ModScan Reg 363
2114	44229	UINT16	R/W	ModScan Reg 364
2115	44231	UINT16	R/W	ModScan Reg 365
2116	44233	UINT16	R/W	ModScan Reg 366
2117	44235	UINT16	R/W	ModScan Reg 367
2118	44237	UINT16	R/W	ModScan Reg 368

2119	44239	UINT16	R/W	ModScan Reg 369
2120	44241	UINT16	R/W	ModScan Reg 370
2121	44243	UINT16	R/W	ModScan Reg 371
2122	44245	UINT16	R/W	ModScan Reg 372
2123	44247	UINT16	R/W	ModScan Reg 373
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2126	44253	UINT16	R/W	ModScan Reg 376
2127	44255	UINT16	R/W	ModScan Reg 377
2128	44257	UINT16	R/W	ModScan Reg 378
2129	44259	UINT16	R/W	ModScan Reg 379
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2131	44263	UINT16	R/W	ModScan Reg 381
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2133	44267	UINT16	R/W	ModScan Reg 383
2134	44269	UINT16	R/W	ModScan Reg 384
2135	44271	UINT16	R/W	ModScan Reg 385
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2141	44283	UINT16	R/W	ModScan Reg 391
2142	44285	UINT16	R/W	ModScan Reg 392
2143	44287	UINT16	R/W	ModScan Reg 393
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2145	44291	UINT16	R/W	ModScan Reg 395
2146	44293	UINT16	R/W	ModScan Reg 396
2147	44295	UINT16	R/W	ModScan Reg 397
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2150	44301	UINT16	R/W	ModScan Reg 400
2151	44303	UINT16	R/W	ModScan Reg 401
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2153	44307	UINT16	R/W	ModScan Reg 403
2154	44309	UINT16	R/W	ModScan Reg 404
2155	44311	UINT16	R/W	ModScan Reg 405
2156	44313	UINT16	R/W	ModScan Reg 406
2157	44315	UINT16	R/W	ModScan Reg 407
2158	44317	UINT16	R/W	ModScan Reg 408

2159	44319	UINT16	R/W	ModScan Reg 409
2160	44321	UINT16	R/W	ModScan Reg 410
2161	44323	UINT16	R/W	ModScan Reg 411
2162	44325	UINT16	R/W	ModScan Reg 412
2163	44327	UINT16	R/W	ModScan Reg 413
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2165	44331	UINT16	R/W	ModScan Reg 415
2166	44333	UINT16	R/W	ModScan Reg 416
2167	44335	UINT16	R/W	ModScan Reg 417
2168	44337	UINT16	R/W	ModScan Reg 418
2169	44339	UINT16	R/W	ModScan Reg 419
2170	44341	UINT16	R/W	ModScan Reg 420
2171	44343	UINT16	R/W	ModScan Reg 421
2172	44345	UINT16	R/W	ModScan Reg 422
2173	44347	UINT16	R/W	ModScan Reg 423
2174	44349	UINT16	R/W	ModScan Reg 424
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2177	44355	UINT16	R/W	ModScan Reg 427
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2181	44363	UINT16	R/W	ModScan Reg 431
2182	44365	UINT16	R/W	ModScan Reg 432
2183	44367	UINT16	R/W	ModScan Reg 433
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2195	44391	UINT16	R/W	ModScan Reg 445
2196	44393	UINT16	R/W	ModScan Reg 446
2197	44395	UINT16	R/W	ModScan Reg 447
2198	44397	UINT16	R/W	ModScan Reg 448

2199	44399	UINT16	R/W	ModScan Reg 449
2200	44401	UINT16	R/W	ModScan Reg 450
2201	44403	UINT16	R/W	ModScan Reg 451
2202	44405	UINT16	R/W	ModScan Reg 452
2203	44407	UINT16	R/W	ModScan Reg 453
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2205	44411	UINT16	R/W	ModScan Reg 455
2206	44413	UINT16	R/W	ModScan Reg 456
2207	44415	UINT16	R/W	ModScan Reg 457
2208	44417	UINT16	R/W	ModScan Reg 458
2209	44419	UINT16	R/W	ModScan Reg 459
2210	44421	UINT16	R/W	ModScan Reg 460
2211	44423	UINT16	R/W	ModScan Reg 461
2212	44425	UINT16	R/W	ModScan Reg 462
2213	44427	UINT16	R/W	ModScan Reg 463
2214	44429	UINT16	R/W	ModScan Reg 464
2215	44431	UINT16	R/W	ModScan Reg 465
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2217	44435	UINT16	R/W	ModScan Reg 467
2218	44437	UINT16	R/W	ModScan Reg 468
2219	44439	UINT16	R/W	ModScan Reg 469
2220	44441	UINT16	R/W	ModScan Reg 470
2221	44443	UINT16	R/W	ModScan Reg 471
2222	44445	UINT16	R/W	ModScan Reg 472
2223	44447	UINT16	R/W	ModScan Reg 473
2224	44449	UINT16	R/W	ModScan Reg 474
2225	44451	UINT16	R/W	ModScan Reg 475
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2227	44455	UINT16	R/W	ModScan Reg 477
2228	44457	UINT16	R/W	ModScan Reg 478
2229	44459	UINT16	R/W	ModScan Reg 479
2230	44461	UINT16	R/W	ModScan Reg 480
2231	44463	UINT16	R/W	ModScan Reg 481
2232	44465	UINT16	R/W	ModScan Reg 482
2233	44467	UINT16	R/W	ModScan Reg 483
2234	44469	UINT16	R/W	ModScan Reg 484
2235	44471	UINT16	R/W	ModScan Reg 485
2236	44473	UINT16	R/W	ModScan Reg 486
2237	44475	UINT16	R/W	ModScan Reg 487
2238	44477	UINT16	R/W	ModScan Reg 488

2239	44479	UINT16	R/W	ModScan Reg 489
2240	44481	UINT16	R/W	ModScan Reg 490
2241	44483	UINT16	R/W	ModScan Reg 491
2242	44485	UINT16	R/W	ModScan Reg 492
2243	44487	UINT16	R/W	ModScan Reg 493
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2245	44491	UINT16	R/W	ModScan Reg 495
2246	44493	UINT16	R/W	ModScan Reg 496
2247	44495	UINT16	R/W	ModScan Reg 497
2248	44497	UINT16	R/W	ModScan Reg 498
2249	44499	UINT16	R/W	ModScan Reg 499
2250	44501	UINT16	R/W	ModScan Reg 500
2251	44503	UINT16	R/W	ModScan Reg 501
2252	44505	UINT16	R/W	ModScan Reg 502
2253	44507	UINT16	R/W	ModScan Reg 503
2254	44509	UINT16	R/W	ModScan Reg 504
2255	44511	UINT16	R/W	ModScan Reg 505
2256	44513	UINT16	R/W	ModScan Reg 506
2257	44515	UINT16	R/W	ModScan Reg 507
2258	44517	UINT16	R/W	ModScan Reg 508
2259	44519	UINT16	R/W	ModScan Reg 509
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2279	44559	UINT16	R/W	ModScan Reg 529
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2281	44563	UINT16	R/W	ModScan Reg 531
2282	44565	UINT16	R/W	ModScan Reg 532
2283	44567	UINT16	R/W	ModScan Reg 533
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2290	44581	UINT16	R/W	ModScan Reg 540
2291	44583	UINT16	R/W	ModScan Reg 541
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2297	44595	UINT16	R/W	ModScan Reg 547
2298	44597	UINT16	R/W	ModScan Reg 548
2299	44599	UINT16	R/W	ModScan Reg 549
2300	44601	Long	R/W	ModScan Lng Reg 0
2301	44603	Long	R/W	ModScan Lng Reg 1
2302	44605	Long	R/W	ModScan Lng Reg 2
2303	44607	Long	R/W	ModScan Lng Reg 3
2304	44609	Long	R/W	ModScan Lng Reg 4
2305	44611	Long	R/W	ModScan Lng Reg 5
2306	44613	Long	R/W	ModScan Lng Reg 6
2307	44615	Long	R/W	ModScan Lng Reg 7
2308	44617	Long	R/W	ModScan Lng Reg 8
2309	44619	Long	R/W	ModScan Lng Reg 9
2310	44621	Long	R/W	ModScan Lng Reg 10
2311	44623	Long	R/W	ModScan Lng Reg 11
2312	44625	Long	R/W	ModScan Lng Reg 12
2313	44627	Long	R/W	ModScan Lng Reg 13
2314	44629	Long	R/W	ModScan Lng Reg 14
2315	44631	Long	R/W	ModScan Lng Reg 15
2316	44633	Long	R/W	ModScan Lng Reg 16
2317	44635	Long	R/W	ModScan Lng Reg 17
2318	44637	Long	R/W	ModScan Lng Reg 18

2319	44639	Long	R/W	ModScan Lng Reg 19
2320	44641	Long	R/W	ModScan Lng Reg 20
2321	44643	Long	R/W	ModScan Lng Reg 21
2322	44645	Long	R/W	ModScan Lng Reg 22
2323	44647	Long	R/W	ModScan Lng Reg 23
2324	44649	Long	R/W	ModScan Lng Reg 24
2325	44651	Long	R/W	ModScan Lng Reg 25
2326	44653	Long	R/W	ModScan Lng Reg 26
2327	44655	Long	R/W	ModScan Lng Reg 27
2328	44657	Long	R/W	ModScan Lng Reg 28
2329	44659	Long	R/W	ModScan Lng Reg 29
2330	44661	Long	R/W	ModScan Lng Reg 30
2331	44663	Long	R/W	ModScan Lng Reg 31
2332	44665	Long	R/W	ModScan Lng Reg 32
2333	44667	Long	R/W	ModScan Lng Reg 33
2334	44669	Long	R/W	ModScan Lng Reg 34
2335	44671	Long	R/W	ModScan Lng Reg 35
2336	44673	Long	R/W	ModScan Lng Reg 36
2337	44675	Long	R/W	ModScan Lng Reg 37
2338	44677	Long	R/W	ModScan Lng Reg 38
2339	44679	Long	R/W	ModScan Lng Reg 39
2340	44681	Long	R/W	ModScan Lng Reg 40
2341	44683	Long	R/W	ModScan Lng Reg 41
2342	44685	Long	R/W	ModScan Lng Reg 42
2343	44687	Long	R/W	ModScan Lng Reg 43
2344	44689	Long	R/W	ModScan Lng Reg 44
2345	44691	Long	R/W	ModScan Lng Reg 45
2346	44693	Long	R/W	ModScan Lng Reg 46
2347	44695	Long	R/W	ModScan Lng Reg 47
2348	44697	Long	R/W	ModScan Lng Reg 48
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2351	44703	Long	R/W	ModScan Lng Reg 51
2352	44705	Long	R/W	ModScan Lng Reg 52
2353	44707	Long	R/W	ModScan Lng Reg 53
2354	44709	Long	R/W	ModScan Lng Reg 54
2355	44711	Long	R/W	ModScan Lng Reg 55
2356	44713	Long	R/W	ModScan Lng Reg 56
2357	44715	Long	R/W	ModScan Lng Reg 57
2358	44717	Long	R/W	ModScan Lng Reg 58

2359	44719	Long	R/W	ModScan Lng Reg 59
2360	44721	Long	R/W	ModScan Lng Reg 60
2361	44723	Long	R/W	ModScan Lng Reg 61
2362	44725	Long	R/W	ModScan Lng Reg 62
2363	44727	Long	R/W	ModScan Lng Reg 63
2364	44729	Long	R/W	ModScan Lng Reg 64
2365	44731	Long	R/W	ModScan Lng Reg 65
2366	44733	Long	R/W	ModScan Lng Reg 66
2367	44735	Long	R/W	ModScan Lng Reg 67
2368	44737	Long	R/W	ModScan Lng Reg 68
2369	44739	Long	R/W	ModScan Lng Reg 69
2370	44741	Long	R/W	ModScan Lng Reg 70
2371	44743	Long	R/W	ModScan Lng Reg 71
2372	44745	Long	R/W	ModScan Lng Reg 72
2373	44747	Long	R/W	ModScan Lng Reg 73
2374	44749	Long	R/W	ModScan Lng Reg 74
2375	44751	Long	R/W	ModScan Lng Reg 75
2376	44753	Long	R/W	ModScan Lng Reg 76
2377	44755	Long	R/W	ModScan Lng Reg 77
2378	44757	Long	R/W	ModScan Lng Reg 78
2379	44759	Long	R/W	ModScan Lng Reg 79
2380	44761	Long	R/W	ModScan Lng Reg 80
2381	44763	Long	R/W	ModScan Lng Reg 81
2382	44765	Long	R/W	ModScan Lng Reg 82
2383	44767	Long	R/W	ModScan Lng Reg 83
2384	44769	Long	R/W	ModScan Lng Reg 84
2385	44771	Long	R/W	ModScan Lng Reg 85
2386	44773	Long	R/W	ModScan Lng Reg 86
2387	44775	Long	R/W	ModScan Lng Reg 87
2388	44777	Long	R/W	ModScan Lng Reg 88
2389	44779	Long	R/W	ModScan Lng Reg 89
2390	44781	Long	R/W	ModScan Lng Reg 90
2391	44783	Long	R/W	ModScan Lng Reg 91
2392	44785	Long	R/W	ModScan Lng Reg 92
2393	44787	Long	R/W	ModScan Lng Reg 93
2394	44789	Long	R/W	ModScan Lng Reg 94
2395	44791	Long	R/W	ModScan Lng Reg 95
2396	44793	Long	R/W	ModScan Lng Reg 96
2397	44795	Long	R/W	ModScan Lng Reg 97
2398	44797	Long	R/W	ModScan Lng Reg 98

2399	44799	Long	R/W	ModScan Lng Reg 99
2400	44801	Long	R/W	ModScan Lng Reg 100
2401	44803	Long	R/W	ModScan Lng Reg 101
2402	44805	Long	R/W	ModScan Lng Reg 102
2403	44807	Long	R/W	ModScan Lng Reg 103
2404	44809	Long	R/W	ModScan Lng Reg 104
2405	44811	Long	R/W	ModScan Lng Reg 105
2406	44813	Long	R/W	ModScan Lng Reg 106
2407	44815	Long	R/W	ModScan Lng Reg 107
2408	44817	Long	R/W	ModScan Lng Reg 108
2409	44819	Long	R/W	ModScan Lng Reg 109
2410	44821	Long	R/W	ModScan Lng Reg 110
2411	44823	Long	R/W	ModScan Lng Reg 111
2412	44825	Long	R/W	ModScan Lng Reg 112
2413	44827	Long	R/W	ModScan Lng Reg 113
2414	44829	Long	R/W	ModScan Lng Reg 114
2415	44831	Long	R/W	ModScan Lng Reg 115
2416	44833	Long	R/W	ModScan Lng Reg 116
2417	44835	Long	R/W	ModScan Lng Reg 117
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2421	44843	Long	R/W	ModScan Lng Reg 121
2422	44845	Long	R/W	ModScan Lng Reg 122
2423	44847	Long	R/W	ModScan Lng Reg 123
2424	44849	Long	R/W	ModScan Lng Reg 124
2425	44851	Long	R/W	ModScan Lng Reg 125
2426	44853	Long	R/W	ModScan Lng Reg 126
2427	44855	Long	R/W	ModScan Lng Reg 127
2428	44857	Long	R/W	ModScan Lng Reg 128
2429	44859	Long	R/W	ModScan Lng Reg 129
2430	44861	Long	R/W	ModScan Lng Reg 130
2431	44863	Long	R/W	ModScan Lng Reg 131
2432	44865	Long	R/W	ModScan Lng Reg 132
2433	44867	Long	R/W	ModScan Lng Reg 133
2434	44869	Long	R/W	ModScan Lng Reg 134
2435	44871	Long	R/W	ModScan Lng Reg 135
2436	44873	Long	R/W	ModScan Lng Reg 136
2437	44875	Long	R/W	ModScan Lng Reg 137
2438	44877	Long	R/W	ModScan Lng Reg 138

2439	44879	Long	R/W	ModScan Lng Reg 139
2440	44881	Long	R/W	ModScan Lng Reg 140
2441	44883	Long	R/W	ModScan Lng Reg 141
2442	44885	Long	R/W	ModScan Lng Reg 142
2443	44887	Long	R/W	ModScan Lng Reg 143
2444	44889	Long	R/W	ModScan Lng Reg 144
2445	44891	Long	R/W	ModScan Lng Reg 145
2446	44893	Long	R/W	ModScan Lng Reg 146
2447	44895	Long	R/W	ModScan Lng Reg 147
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2472	44945	Long	R/W	ModScan Lng Reg 172
2473	44947	Long	R/W	ModScan Lng Reg 173
2474	44949	Long	R/W	ModScan Lng Reg 174
2475	44951	Long	R/W	ModScan Lng Reg 175
2476	44953	Long	R/W	ModScan Lng Reg 176
2477	44955	Long	R/W	ModScan Lng Reg 177
2478	44957	Long	R/W	ModScan Lng Reg 178

2479	44959	Long	R/W	ModScan Lng Reg 179
2480	44961	Long	R/W	ModScan Lng Reg 180
2481	44963	Long	R/W	ModScan Lng Reg 181
2482	44965	Long	R/W	ModScan Lng Reg 182
2483	44967	Long	R/W	ModScan Lng Reg 183
2484	44969	Long	R/W	ModScan Lng Reg 184
2485	44971	Long	R/W	ModScan Lng Reg 185
2486	44973	Long	R/W	ModScan Lng Reg 186
2487	44975	Long	R/W	ModScan Lng Reg 187
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2490	44981	Long	R/W	ModScan Lng Reg 190
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2492	44985	Long	R/W	ModScan Lng Reg 192
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2494	44989	Long	R/W	ModScan Lng Reg 194
2495	44991	Long	R/W	ModScan Lng Reg 195
2496	44993	Long	R/W	ModScan Lng Reg 196
2497	44995	Long	R/W	ModScan Lng Reg 197
2498	44997	Long	R/W	ModScan Lng Reg 198
2499	44999	Long	R/W	ModScan Lng Reg 199
2500	45001	Long	R/W	ModScan Lng Reg 200
2501	45003	Long	R/W	ModScan Lng Reg 201
2502	45005	Long	R/W	ModScan Lng Reg 202
2503	45007	Long	R/W	ModScan Lng Reg 203
2504	45009	Long	R/W	ModScan Lng Reg 204
2505	45011	Long	R/W	ModScan Lng Reg 205
2506	45013	Long	R/W	ModScan Lng Reg 206
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2515	45031	Long	R/W	ModScan Lng Reg 215
2516	45033	Long	R/W	ModScan Lng Reg 216
2517	45035	Long	R/W	ModScan Lng Reg 217
2518	45037	Long	R/W	ModScan Lng Reg 218

2519	45039	Long	R/W	ModScan Lng Reg 219
2520	45041	Long	R/W	ModScan Lng Reg 220
2521	45043	Long	R/W	ModScan Lng Reg 221
2522	45045	Long	R/W	ModScan Lng Reg 222
2523	45047	Long	R/W	ModScan Lng Reg 223
2524	45049	Long	R/W	ModScan Lng Reg 224
2525	45051	Long	R/W	ModScan Lng Reg 225
2526	45053	Long	R/W	ModScan Lng Reg 226
2527	45055	Long	R/W	ModScan Lng Reg 227
2528	45057	Long	R/W	ModScan Lng Reg 228
2529	45059	Long	R/W	ModScan Lng Reg 229
2530	45061	Long	R/W	ModScan Lng Reg 230
2531	45063	Long	R/W	ModScan Lng Reg 231
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2533	45067	Long	R/W	ModScan Lng Reg 233
2534	45069	Long	R/W	ModScan Lng Reg 234
2535	45071	Long	R/W	ModScan Lng Reg 235
2536	45073	Long	R/W	ModScan Lng Reg 236
2537	45075	Long	R/W	ModScan Lng Reg 237
2538	45077	Long	R/W	ModScan Lng Reg 238
2539	45079	Long	R/W	ModScan Lng Reg 239
2540	45081	Long	R/W	ModScan Lng Reg 240
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2549	45099	Long	R/W	ModScan Lng Reg 249
2550	45101	Long	R/W	ModScan Lng Reg 250
2551	45103	Long	R/W	ModScan Lng Reg 251
2552	45105	Long	R/W	ModScan Lng Reg 252
2553	45107	Long	R/W	ModScan Lng Reg 253
2554	45109	Long	R/W	ModScan Lng Reg 254
2555	45111	Long	R/W	ModScan Lng Reg 255
2556	45113	Long	R/W	ModScan Lng Reg 256
2557	45115	Long	R/W	ModScan Lng Reg 257
2558	45117	Long	R/W	ModScan Lng Reg 258

2559	45119	Long	R/W	ModScan Lng Reg 259
2560	45121	Long	R/W	ModScan Lng Reg 260
2561	45123	Long	R/W	ModScan Lng Reg 261
2562	45125	Long	R/W	ModScan Lng Reg 262
2563	45127	Long	R/W	ModScan Lng Reg 263
2564	45129	Long	R/W	ModScan Lng Reg 264
2565	45131	Long	R/W	ModScan Lng Reg 265
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2571	45143	Long	R/W	ModScan Lng Reg 271
2572	45145	Long	R/W	ModScan Lng Reg 272
2573	45147	Long	R/W	ModScan Lng Reg 273
2574	45149	Long	R/W	ModScan Lng Reg 274
2575	45151	Float	R/W	ModScan Flt Reg 0
2576	45153	Float	R/W	ModScan Flt Reg 1
2577	45155	Float	R/W	ModScan Flt Reg 2
2578	45157	Float	R/W	ModScan Flt Reg 3
2579	45159	Float	R/W	ModScan Flt Reg 4
2580	45161	Float	R/W	ModScan Flt Reg 5
2581	45163	Float	R/W	ModScan Flt Reg 6
2582	45165	Float	R/W	ModScan Flt Reg 7
2583	45167	Float	R/W	ModScan Flt Reg 8
2584	45169	Float	R/W	ModScan Flt Reg 9
2585	45171	Float	R/W	ModScan Flt Reg 10
2586	45173	Float	R/W	ModScan Flt Reg 11
2587	45175	Float	R/W	ModScan Flt Reg 12
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2592	45185	Float	R/W	ModScan Flt Reg 17
2593	45187	Float	R/W	ModScan Flt Reg 18
2594	45189	Float	R/W	ModScan Flt Reg 19
2595	45191	Float	R/W	ModScan Flt Reg 20
2596	45193	Float	R/W	ModScan Flt Reg 21
2597	45195	Float	R/W	ModScan Flt Reg 22
2598	45197	Float	R/W	ModScan Flt Reg 23

2599	45199	Float	R/W	ModScan Flt Reg 24
2600	45201	Float	R/W	ModScan Flt Reg 25
2601	45203	Float	R/W	ModScan Flt Reg 26
2602	45205	Float	R/W	ModScan Flt Reg 27
2603	45207	Float	R/W	ModScan Flt Reg 28
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2606	45213	Float	R/W	ModScan Flt Reg 31
2607	45215	Float	R/W	ModScan Flt Reg 32
2608	45217	Float	R/W	ModScan Flt Reg 33
2609	45219	Float	R/W	ModScan Flt Reg 34
2610	45221	Float	R/W	ModScan Flt Reg 35
2611	45223	Float	R/W	ModScan Flt Reg 36
2612	45225	Float	R/W	ModScan Flt Reg 37
2613	45227	Float	R/W	ModScan Flt Reg 38
2614	45229	Float	R/W	ModScan Flt Reg 39
2615	45231	Float	R/W	ModScan Flt Reg 40
2616	45233	Float	R/W	ModScan Flt Reg 41
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2618	45237	Float	R/W	ModScan Flt Reg 43
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2626	45253	Float	R/W	ModScan Flt Reg 51
2627	45255	Float	R/W	ModScan Flt Reg 52
2628	45257	Float	R/W	ModScan Flt Reg 53
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2630	45261	Float	R/W	ModScan Flt Reg 55
2631	45263	Float	R/W	ModScan Flt Reg 56
2632	45265	Float	R/W	ModScan Flt Reg 57
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2634	45269	Float	R/W	ModScan Flt Reg 59
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2636	45273	Float	R/W	ModScan Flt Reg 61
2637	45275	Float	R/W	ModScan Flt Reg 62
2638	45277	Float	R/W	ModScan Flt Reg 63

2639	45279	Float	R/W	ModScan Flt Reg 64
2640	45281	Float	R/W	ModScan Flt Reg 65
2641	45283	Float	R/W	ModScan Flt Reg 66
2642	45285	Float	R/W	ModScan Flt Reg 67
2643	45287	Float	R/W	ModScan Flt Reg 68
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2646	45293	Float	R/W	ModScan Flt Reg 71
2647	45295	Float	R/W	ModScan Flt Reg 72
2648	45297	Float	R/W	ModScan Flt Reg 73
2649	45299	Float	R/W	ModScan Flt Reg 74
2650	45301	Float	R/W	ModScan Flt Reg 75
2651	45303	Float	R/W	ModScan Flt Reg 76
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2677	45355	Float	R/W	ModScan Flt Reg 102
2678	45357	Float	R/W	ModScan Flt Reg 103

2679	45359	Float	R/W	ModScan Flt Reg 104
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2681	45363	Float	R/W	ModScan Flt Reg 106
2682	45365	Float	R/W	ModScan Flt Reg 107
2683	45367	Float	R/W	ModScan Flt Reg 108
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2701	45403	Float	R/W	ModScan Flt Reg 126
2702	45405	Float	R/W	ModScan Flt Reg 127
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2704	45409	Float	R/W	ModScan Flt Reg 129
2705	45411	Float	R/W	ModScan Flt Reg 130
2706	45413	Float	R/W	ModScan Flt Reg 131
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2712	45425	Float	R/W	ModScan Flt Reg 137
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2714	45429	Float	R/W	ModScan Flt Reg 139
2715	45431	Float	R/W	ModScan Flt Reg 140
2716	45433	Float	R/W	ModScan Flt Reg 141
2717	45435	Float	R/W	ModScan Flt Reg 142
2718	45437	Float	R/W	ModScan Flt Reg 143

2719	45439	Float	R/W	ModScan Flt Reg 144
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2721	45443	Float	R/W	ModScan Flt Reg 146
2722	45445	Float	R/W	ModScan Flt Reg 147
2723	45447	Float	R/W	ModScan Flt Reg 148
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2726	45453	Float	R/W	ModScan Flt Reg 151
2727	45455	Float	R/W	ModScan Flt Reg 152
2728	45457	Float	R/W	ModScan Flt Reg 153
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2730	45461	Float	R/W	ModScan Flt Reg 155
2731	45463	Float	R/W	ModScan Flt Reg 156
2732	45465	Float	R/W	ModScan Flt Reg 157
2733	45467	Float	R/W	ModScan Flt Reg 158
2734	45469	Float	R/W	ModScan Flt Reg 159
2735	45471	Float	R/W	ModScan Flt Reg 160
2736	45473	Float	R/W	ModScan Flt Reg 161
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2739	45479	Float	R/W	ModScan Flt Reg 164
2740	45481	Float	R/W	ModScan Flt Reg 165
2741	45483	Float	R/W	ModScan Flt Reg 166
2742	45485	Float	R/W	ModScan Flt Reg 167
2743	45487	Float	R/W	ModScan Flt Reg 168
2744	45489	Float	R/W	ModScan Flt Reg 169
2745	45491	Float	R/W	ModScan Flt Reg 170
2746	45493	Float	R/W	ModScan Flt Reg 171
2747	45495	Float	R/W	ModScan Flt Reg 172
2748	45497	Float	R/W	ModScan Flt Reg 173
2749	45499	Float	R/W	ModScan Flt Reg 174
2750	45501	Float	R/W	ModScan Flt Reg 175
2751	45503	Float	R/W	ModScan Flt Reg 176
2752	45505	Float	R/W	ModScan Flt Reg 177
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2754	45509	Float	R/W	ModScan Flt Reg 179
2755	45511	Float	R/W	ModScan Flt Reg 180
2756	45513	Float	R/W	ModScan Flt Reg 181
2757	45515	Float	R/W	ModScan Flt Reg 182
2758	45517	Float	R/W	ModScan Flt Reg 183

2759	45519	Float	R/W	ModScan Flt Reg 184
2760	45521	Float	R/W	ModScan Flt Reg 185
2761	45523	Float	R/W	ModScan Flt Reg 186
2762	45525	Float	R/W	ModScan Flt Reg 187
2763	45527	Float	R/W	ModScan Flt Reg 188
2764	45529	Float	R/W	ModScan Flt Reg 189
2765	45531	Float	R/W	ModScan Flt Reg 190
2766	45533	Float	R/W	ModScan Flt Reg 191
2767	45535	Float	R/W	ModScan Flt Reg 192
2768	45537	Float	R/W	ModScan Flt Reg 193
2769	45539	Float	R/W	ModScan Flt Reg 194
2770	45541	Float	R/W	ModScan Flt Reg 195
2771	45543	Float	R/W	ModScan Flt Reg 196
2772	45545	Float	R/W	ModScan Flt Reg 197
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2774	45549	Float	R/W	ModScan Flt Reg 199
2775	45551	Float	R/W	ModScan Flt Reg 200
2776	45553	Float	R/W	ModScan Flt Reg 201
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2778	45557	Float	R/W	ModScan Flt Reg 203
2779	45559	Float	R/W	ModScan Flt Reg 204
2780	45561	Float	R/W	ModScan Flt Reg 205
2781	45563	Float	R/W	ModScan Flt Reg 206
2782	45565	Float	R/W	ModScan Flt Reg 207
2783	45567	Float	R/W	ModScan Flt Reg 208
2784	45569	Float	R/W	ModScan Flt Reg 209
2785	45571	Float	R/W	ModScan Flt Reg 210
2786	45573	Float	R/W	ModScan Flt Reg 211
2787	45575	Float	R/W	ModScan Flt Reg 212
2788	45577	Float	R/W	ModScan Flt Reg 213
2789	45579	Float	R/W	ModScan Flt Reg 214
2790	45581	Float	R/W	ModScan Flt Reg 215
2791	45583	Float	R/W	ModScan Flt Reg 216
2792	45585	Float	R/W	ModScan Flt Reg 217
2793	45587	Float	R/W	ModScan Flt Reg 218
2794	45589	Float	R/W	ModScan Flt Reg 219
2795	45591	Float	R/W	ModScan Flt Reg 220
2796	45593	Float	R/W	ModScan Flt Reg 221
2797	45595	Float	R/W	ModScan Flt Reg 222
2798	45597	Float	R/W	ModScan Flt Reg 223

2799	45599	Float	R/W	ModScan Flt Reg 224
2800	45601	Float	R/W	ModScan Flt Reg 225
2801	45603	Float	R/W	ModScan Flt Reg 226
2802	45605	Float	R/W	ModScan Flt Reg 227
2803	45607	Float	R/W	ModScan Flt Reg 228
2804	45609	Float	R/W	ModScan Flt Reg 229
2805	45611	Float	R/W	ModScan Flt Reg 230
2806	45613	Float	R/W	ModScan Flt Reg 231
2807	45615	Float	R/W	ModScan Flt Reg 232
2808	45617	Float	R/W	ModScan Flt Reg 233
2809	45619	Float	R/W	ModScan Flt Reg 234
2810	45621	Float	R/W	ModScan Flt Reg 235
2811	45623	Float	R/W	ModScan Flt Reg 236
2812	45625	Float	R/W	ModScan Flt Reg 237
2813	45627	Float	R/W	ModScan Flt Reg 238
2814	45629	Float	R/W	ModScan Flt Reg 239
2815	45631	Float	R/W	ModScan Flt Reg 240
2816	45633	Float	R/W	ModScan Flt Reg 241
2817	45635	Float	R/W	ModScan Flt Reg 242
2818	45637	Float	R/W	ModScan Flt Reg 243
2819	45639	Float	R/W	ModScan Flt Reg 244
2820	45641	Float	R/W	ModScan Flt Reg 245
2821	45643	Float	R/W	ModScan Flt Reg 246
2822	45645	Float	R/W	ModScan Flt Reg 247
2823	45647	Float	R/W	ModScan Flt Reg 248
2824	45649	Float	R/W	ModScan Flt Reg 249
2825	45651	Float	R/W	ModScan Flt Reg 250
2826	45653	Float	R/W	ModScan Flt Reg 251
2827	45655	Float	R/W	ModScan Flt Reg 252
2828	45657	Float	R/W	ModScan Flt Reg 253
2829	45659	Float	R/W	ModScan Flt Reg 254
2830	45661	Float	R/W	ModScan Flt Reg 255
2831	45663	Float	R/W	ModScan Flt Reg 256
2832	45665	Float	R/W	ModScan Flt Reg 257
2833	45667	Float	R/W	ModScan Flt Reg 258
2834	45669	Float	R/W	ModScan Flt Reg 259
2835	45671	Float	R/W	ModScan Flt Reg 260
2836	45673	Float	R/W	ModScan Flt Reg 261
2837	45675	Float	R/W	ModScan Flt Reg 262
2838	45677	Float	R/W	ModScan Flt Reg 263

2839	45679	Float	R/W	ModScan Flt Reg 264
2840	45681	Float	R/W	ModScan Flt Reg 265
2841	45683	Float	R/W	ModScan Flt Reg 266
2842	45685	Float	R/W	ModScan Flt Reg 267
2843	45687	Float	R/W	ModScan Flt Reg 268
2844	45689	Float	R/W	ModScan Flt Reg 269
2845	45691	Float	R/W	ModScan Flt Reg 270
2846	45693	Float	R/W	ModScan Flt Reg 271
2847	45695	Float	R/W	ModScan Flt Reg 272
2848	45697	Float	R/W	ModScan Flt Reg 273
2849	45699	Float	R/W	ModScan Flt Reg 274
2854	45709	UINT16	R/W	VSD MIN Speed Point Select
2855	45711	UINT16	R/W	VSD MIN Speed State Select
2856	45713	UINT16	R/W	VSD Lo Fillage SPM
2857	45715	UINT16	R/W	VSD Lo Fillage Flags
2859	45719	UINT16	R/O	PostUpgrade Restore
2860	45721	UINT16	R/W	GEC Enable
2861	45723	UINT16	R/W	GEC engage DO Pnt
2862	45725	UINT16	R/W	GEC engage Long
2863	45727	UINT16	R/W	GEC disengage DO Pnt
2864	45729	UINT16	R/W	GEC disengage Long
2865	45731	UINT16	R/W	GEC Press Rel Long
2866	45733	UINT16	R/W	GEC PressRel WaitLong
2867	45735	UINT16	R/O	GEC Cur State
2869	45739	Long	R/W	BOS Counts (LSM)
2870	45741	Long	R/W	BOS Counts (VM)
2871	45743	UINT16	R/W	BOS Detect Voting Pos 0
2872	45745	UINT16	R/W	BOS Detect Voting Pos 1
2873	45747	UINT16	R/W	BOS Detect Voting Pos 2
2874	45749	UINT16	R/W	BOS Detect Voting Pos 3
2875	45751	UINT16	R/W	BOS Detect Voting Pos 4
2876	45753	UINT16	R/W	BOS Detect Voting Pos 5
2877	45755	UINT16	R/W	Enable BOS Detect Methods
2878	45757	UINT16	R/W	Consecutive BOS Counts
2879	45759	UINT16	R/W	Num of WDT Resets
2880	45761	UINT16	R/W	Cygnal Watchdog Enable
2881	45763	UINT16	R/W	Reset Cygnal NV
2882	45765	UINT16	R/W	Fetch Cygnal NV
2883	45767	UINT16	R/W	Cygnal Tx Cnts / Sec
2884	45769	UINT16	R/W	Cygnal Num Lo Cnts

2885	45771	UINT16	R/W	WDT Priority Check
2886	45773	UINT16	R/O	Shutdown Type
2887	45775	UINT16	R/O	Watchdog Status
2888	45777	UINT16	R/W	System Watchdog Enable
2889	45779	Long	R/W	CAN TX Retries
2890	45781	Long	R/W	MCF Sample Max Long
2892	45785	Long	R/W	C8051 Diagnostic Info
2893	45787	UINT16	R/W	C8051 Auto Recovery
2894	45789	UINT16	R/W	AutoRecovery Retries
2895	45791	UINT16	R/W	AutoRecovery Actions
2896	45793	UINT16	R/W	Pos Value for PosSensFault
2897	45795	UINT16	R/W	Max Blocking Priority
2898	45797	UINT16	R/W	Idle Task Reset Limit
2899	45799	UINT16	R/W	Idle Task Resets
2900	45801	UINT16	R/W	VSD DH Tolerance (+/-%)
2910	45821	UINT16	R/W	DO1 Status Indicator
2911	45823	UINT16	R/W	Preset Load Gain
2912	45825	INT16	R/W	Load Sensor min mV
2913	45827	INT16	R/W	Load Sensor max mV
2914	45829	Long	R/W	Wireless Power On Offset
2915	45831	UINT16	R/W	Wireless AutoDetect Load
2918	45837	Display	R/O	Pumping Unit Catalog version
2919	45839	Display	R/O	Pumping Unit Catalog Long
2920	45841	UINT16	R/W	Pumping Unit Catalog Id #
2921	45843	UINT16	R/W	Pumping Unit Type
2922	45845	UINT16	R/W	Counterbalance Type
2923	45847	UINT16	R/W	API Gear Rating
2924	45849	UINT16	R/W	API Beam Rating
2925	45851	UINT16	R/W	API Max Stroke
2929	45859	UINT16	R/W	Dimension A (in x 100)
2930	45861	UINT16	R/W	Dimension C (in x 100)
2931	45863	UINT16	R/W	Dimension I (in x 100)
2932	45865	UINT16	R/W	Dimension K (in x 100)
2933	45867	UINT16	R/W	Dimension P (in x 100)
2934	45869	UINT16	R/W	Pin 1 Str.Len (in x 100)
2935	45871	UINT16	R/W	Pin 2 Str.Len (in x 100)
2936	45873	UINT16	R/W	Pin 3 Str.Len (in x 100)
2937	45875	UINT16	R/W	Pin 4 Str.Len (in x 100)
2938	45877	UINT16	R/W	Pin 5 Str.Len (in x 100)
2939	45879	UINT16	R/W	Pin 1 Radius (in x 100)

2940	45881	UINT16	R/W	Pin 2 Radius (in x 100)
2941	45883	UINT16	R/W	Pin 3 Radius (in x 100)
2942	45885	UINT16	R/W	Pin 4 Radius (in x 100)
2943	45887	UINT16	R/W	Pin 5 Radius (in x 100)
2944	45889	INT16	R/W	Structural Unbalance
2945	45891	INT16	R/W	CB Phase Angle (Deg.)
2946	45893	UINT16	R/W	Air Bal. "M" value (sq.in)
2947	45895	UINT16	R/W	Air Bal. "S" value (psi)
2948	45897	UINT16	R/W	Pin Number
2949	45899	UINT16	R/W	CBT (units = 100 in-lb)
2950	45901	UINT16	R/W	CBE (lb)
2951	45903	UINT16	R/W	CBE Angle
2952	45905	UINT16	R/W	Crank Rotation
2953	45907	UINT16	R/W	Air Bal. BOS press. (psi)
2954	45909	UINT16	R/W	Air Bal. TOS press. (psi)
2955	45911	UINT16	R/W	Torque Alarm Limit
2956	45913	UINT16	R/W	Strokes for Torque Alarm
2957	45915	UINT16	R/W	Torque Alarm Action
2958	45917	UINT16	R/W	Calc Torque Factors
2959	45919	UINT16	R/W	Reload Unit Catalog
2960	45921	Float	R/O	Max torque last upstroke
2961	45923	Float	R/O	Max torque last downstroke
2962	45925	UINT16	R/W	Torque Unbalance Filter #
2963	45927	INT16	R/O	Torque Unbalance %
2964	45929	INT16	R/O	Filtered Torque Unbalance %
2990	45981	UINT16	R/W	Learn AO Pct
2991	45983	UINT16	R/O	Learn Measured AO Pct
2995	45991	UINT16	R/W	FiltStrInt InBand Count
2996	45993	UINT16	R/W	FiltStrInt Dead Band
3000	46001	UINT16	R/W	Pump depth
3001	46003	UINT16	R/W	Fluid depth
3002	46005	UINT16	R/W	Surface stroke(in x 100)
3003	46007	Float	R/W	Oil API gravity
3004	46009	Float	R/W	Oil specific gravity
3005	46011	Float	R/W	Water specific gravity
3006	46013	UINT16	R/W	Water cut
3007	46015	Float	R/W	D/H Damping factor
3008	46017	UINT16	R/W	D/H Load offset
3009	46019	INT16	R/W	D/H Position data skew
3010	46021	UINT16	R/W	D/H Config status

3011	46023	UINT16	R/W	D/H fill min position %
3012	46025	UINT16	R/W	D/H fill diff. tolerance
3013	46027	UINT16	R/W	D/H fill area tolerance
3014	46029	UINT16	R/W	D/H Pump-off Position %
3015	46031	UINT16	R/W	D/H strokes for pumpoff
3016	46033	UINT16	R/W	D/H strokes for failure
3017	46035	UINT16	R/W	D/H fallback method
3018	46037	UINT16	R/W	D/H strokes for recovery
3019	46039	UINT16	R/W	D/H failure Action
3020	46041	Float	R/W	Rod type 1 density
3021	46043	Float	R/W	Rod type 1 elasticity
3022	46045	Float	R/W	Rod type 1 propagation
3025	46051	Float	R/W	Rod type 2 density
3026	46053	Float	R/W	Rod type 2 elasticity
3027	46055	Float	R/W	Rod type 2 propagation
3030	46061	Float	R/W	Rod type 3 density
3031	46063	Float	R/W	Rod type 3 elasticity
3032	46065	Float	R/W	Rod type 3 propagation
3035	46071	Float	R/W	Rod type 4 density
3036	46073	Float	R/W	Rod type 4 elasticity
3037	46075	Float	R/W	Rod type 4 propagation
3040	46081	Float	R/W	Rod type 5 density
3041	46083	Float	R/W	Rod type 5 elasticity
3042	46085	Float	R/W	Rod type 5 propagation
3045	46091	UINT16	R/W	Taper 1 rod type
3046	46093	UINT16	R/W	Taper 1 rod count
3047	46095	Float	R/W	Taper 1 rod diameter (inches)
3048	46097	Float	R/W	Taper 1 rod length (feet)
3050	46101	UINT16	R/W	Taper 2 rod type
3051	46103	UINT16	R/W	Taper 2 rod count
3052	46105	Float	R/W	Taper 2 rod diameter (inches)
3053	46107	Float	R/W	Taper 2 rod length (feet)
3055	46111	UINT16	R/W	Taper 3 rod type
3056	46113	UINT16	R/W	Taper 3 rod count
3057	46115	Float	R/W	Taper 3 rod diameter (inches)
3058	46117	Float	R/W	Taper 3 rod length (feet)
3060	46121	UINT16	R/W	Taper 4 rod type
3061	46123	UINT16	R/W	Taper 4 rod count
3062	46125	Float	R/W	Taper 4 rod diameter (inches)
3063	46127	Float	R/W	Taper 4 rod length (feet)

3065	46131	UINT16	R/W	Taper 5 rod type
3066	46133	UINT16	R/W	Taper 5 rod count
3067	46135	Float	R/W	Taper 5 rod diameter (inches)
3068	46137	Float	R/W	Taper 5 rod length (feet)
3070	46141	UINT16	R/W	Taper 6 rod type
3071	46143	UINT16	R/W	Taper 6 rod count
3072	46145	Float	R/W	Taper 6 rod diameter (inches)
3073	46147	Float	R/W	Taper 6 rod length (feet)
3075	46151	UINT16	R/W	Taper 7 rod type
3076	46153	UINT16	R/W	Taper 7 rod count
3077	46155	Float	R/W	Taper 7 rod diameter (inches)
3078	46157	Float	R/W	Taper 7 rod length (feet)
3080	46161	UINT16	R/W	Taper 8 rod type
3081	46163	UINT16	R/W	Taper 8 rod count
3082	46165	Float	R/W	Taper 8 rod diameter (inches)
3083	46167	Float	R/W	Taper 8 rod length (feet)
3085	46171	UINT16	R/W	Taper 9 rod type
3086	46173	UINT16	R/W	Taper 9 rod count
3087	46175	Float	R/W	Taper 9 rod diameter (inches)
3088	46177	Float	R/W	Taper 9 rod length (feet)
3090	46181	UINT16	R/W	Taper 10 rod type
3091	46183	UINT16	R/W	Taper 10 rod count
3092	46185	Float	R/W	Taper 10 rod diameter (inches)
3093	46187	Float	R/W	Taper 10 rod length (feet)
3095	46191	UINT16	R/W	Taper 11 rod type
3096	46193	UINT16	R/W	Taper 11 rod count
3097	46195	Float	R/W	Taper 11 rod diameter (inches)
3098	46197	Float	R/W	Taper 11 rod length (feet)
3100	46201	UINT16	R/W	Taper 12 rod type
3101	46203	UINT16	R/W	Taper 12 rod count
3102	46205	Float	R/W	Taper 12 rod diameter (inches)
3103	46207	Float	R/W	Taper 12 rod length (feet)
3105	46211	UINT16	R/W	Taper 13 rod type
3106	46213	UINT16	R/W	Taper 13 rod count
3107	46215	Float	R/W	Taper 13 rod diameter (inches)
3108	46217	Float	R/W	Taper 13 rod length (feet)
3110	46221	UINT16	R/W	Taper 14 rod type
3111	46223	UINT16	R/W	Taper 14 rod count
3112	46225	Float	R/W	Taper 14 rod diameter (inches)
3113	46227	Float	R/W	Taper 14 rod length (feet)

3115	46231	UINT16	R/W	Taper 15 rod type
3116	46233	UINT16	R/W	Taper 15 rod count
3117	46235	Float	R/W	Taper 15 rod diameter (inches)
3118	46237	Float	R/W	Taper 15 rod length (feet)
3120	46241	UINT16	R/W	Taper 16 rod type
3121	46243	UINT16	R/W	Taper 16 rod count
3122	46245	Float	R/W	Taper 16 rod diameter (inches)
3123	46247	Float	R/W	Taper 16 rod length (feet)
3125	46251	UINT16	R/W	Taper 17 rod type
3126	46253	UINT16	R/W	Taper 17 rod count
3127	46255	Float	R/W	Taper 17 rod diameter (inches)
3128	46257	Float	R/W	Taper 17 rod length (feet)
3130	46261	UINT16	R/W	Taper 18 rod type
3131	46263	UINT16	R/W	Taper 18 rod count
3132	46265	Float	R/W	Taper 18 rod diameter (inches)
3133	46267	Float	R/W	Taper 18 rod length (feet)
3135	46271	UINT16	R/W	Taper 19 rod type
3136	46273	UINT16	R/W	Taper 19 rod count
3137	46275	Float	R/W	Taper 19 rod diameter (inches)
3138	46277	Float	R/W	Taper 19 rod length (feet)
3140	46281	UINT16	R/W	Taper 20 rod type
3141	46283	UINT16	R/W	Taper 20 rod count
3142	46285	Float	R/W	Taper 20 rod diameter (inches)
3143	46287	Float	R/W	Taper 20 rod length (feet)
3144	46289	UINT16	R/W	D/H cfg for simul.
3145	46291	UINT16	R/O	D/H stroke len.(in x 100)
3146	46293	INT16	R/O	D/H Min load last stroke
3147	46295	UINT16	R/O	D/H Max load last stroke
3148	46297	UINT16	R/O	D/H load span last stroke
3149	46299	UINT16	R/O	Pump fillage (% x 100)
3150	46301	UINT16	R/O	D/H area ratio (% x 100)
3151	46303	UINT16	R/O	D/H Pump-off stroke count
3152	46305	UINT16	R/W	D/H Enable
3153	46307	UINT16	R/W	Pump fillage method
3154	46309	UINT16	R/O	Pump fillage - method 1
3155	46311	UINT16	R/O	Pump fillage - method 2
3156	46313	UINT16	R/O	Pump fillage - method 3
3157	46315	UINT16	R/O	D/H E-J calc success %
3158	46317	UINT16	R/O	Pump fillage - auto
3159	46319	UINT16	R/O	Pump fillage - altr

3160	46321	UINT16	R/O	D/H First PDF slot min
3161	46323	UINT16	R/O	D/H First PDF slot max
3162	46325	UINT16	R/O	Pump Fillage PDF results
3164	46329	Long	R/O	DH Gauge Period Strokes
3165	46331	UINT16	R/O	Avg Pump Fillage[0]
3166	46333	UINT16	R/O	Avg Pump Fillage[1]
3167	46335	UINT16	R/O	Avg Pump Fillage[2]
3168	46337	UINT16	R/O	Avg Pump Fillage[3]
3169	46339	Long	R/O	Accum Pump Fillage
3170	46341	Long	R/W	Total Rod String Len(ft)
3198	46397	UINT16	R/W	Orders Method Start
3199	46399	UINT16	R/W	Orders Method End
3200	46401	Long	R/O	Total for Hourly Data[0]
3201	46403	Long	R/O	Total for Hourly Data[1]
3202	46405	Long	R/O	Total for Hourly Data[2]
3203	46407	Long	R/O	Total for Hourly Data[3]
3204	46409	Long	R/O	Total for Hourly Data[4]
3205	46411	Long	R/O	Total for Hourly Data[5]
3206	46413	Long	R/O	Total for Hourly Data[6]
3207	46415	Long	R/O	Total for Hourly Data[7]
3208	46417	Long	R/O	Counts for Hourly Data[0]
3209	46419	Long	R/O	Counts for Hourly Data[1]
3210	46421	Long	R/O	Counts for Hourly Data[2]
3211	46423	Long	R/O	Counts for Hourly Data[3]
3212	46425	Long	R/O	Counts for Hourly Data[4]
3213	46427	Long	R/O	Counts for Hourly Data[5]
3214	46429	Long	R/O	Counts for Hourly Data[6]
3215	46431	Long	R/O	Counts for Hourly Data[7]
3216	46433	Long	R/O	Total for Daily Data[0]
3217	46435	Long	R/O	Total for Daily Data[1]
3218	46437	Long	R/O	Total for Daily Data[2]
3219	46439	Long	R/O	Total for Daily Data[3]
3220	46441	Long	R/O	Total for Daily Data[4]
3221	46443	Long	R/O	Total for Daily Data[5]
3222	46445	Long	R/O	Total for Daily Data[6]
3223	46447	Long	R/O	Total for Daily Data[7]
3224	46449	Long	R/O	Counts for Daily Data[0]
3225	46451	Long	R/O	Counts for Daily Data[1]
3226	46453	Long	R/O	Counts for Daily Data[2]
3227	46455	Long	R/O	Counts for Daily Data[3]

3228	46457	Long	R/O	Counts for Daily Data[4]
3229	46459	Long	R/O	Counts for Daily Data[5]
3230	46461	Long	R/O	Counts for Daily Data[6]
3231	46463	Long	R/O	Counts for Daily Data[7]
3260	46521	UINT16	R/W	AI1 Tag Selection
3261	46523	UINT16	R/W	AI2 Tag Selection
3262	46525	UINT16	R/W	AI3 Tag Selection
3263	46527	UINT16	R/W	AI4 Tag Selection
3264	46529	UINT16	R/W	AI5 Tag Selection
3265	46531	UINT16	R/W	AI6 Tag Selection
3266	46533	UINT16	R/W	AI7 Tag Selection
3267	46535	UINT16	R/W	AI8 Tag Selection
3290	46581	Float	R/O	8500 Retrieved Min Surface Posi
3291	46583	Float	R/O	8500 Retrieved Max Surface Posi
3292	46585	UINT16	R/O	8500 Retrieved Min Surface Load
3293	46587	UINT16	R/O	8500 Retrieved Max Surface Load
3294	46589	Float	R/O	8500 Retrieved Min Downhole Pos
3295	46591	Float	R/O	8500 Retrieved Max Downhole Pos
3296	46593	INT16	R/O	8500 Retrieved Min Downhole Loa
3297	46595	UINT16	R/O	8500 Retrieved Max Downhole Loa
3298	46597	UINT16	R/W	Primary HMI Type
3300	46601	Long	R/O	Daily run Long[0]
3301	46603	Long	R/O	Daily run Long[1]
3302	46605	Long	R/O	Daily run Long[2]
3303	46607	Long	R/O	Daily run Long[3]
3304	46609	Long	R/O	Daily run Long[4]
3305	46611	Long	R/O	Daily run Long[5]
3306	46613	Long	R/O	Daily run Long[6]
3307	46615	Long	R/O	Daily run Long[7]
3308	46617	Long	R/O	Daily run Long[8]
3309	46619	Long	R/O	Daily run Long[9]
3310	46621	Long	R/O	Daily run Long[10]
3311	46623	Long	R/O	Daily run Long[11]
3312	46625	Long	R/O	Daily run Long[12]
3313	46627	Long	R/O	Daily run Long[13]
3314	46629	Long	R/O	Daily run Long[14]
3315	46631	Long	R/O	Daily run Long[15]
3316	46633	Long	R/O	Daily run Long[16]
3317	46635	Long	R/O	Daily run Long[17]
3318	46637	Long	R/O	Daily run Long[18]

3319	46639	Long	R/O	Daily run Long[19]
3320	46641	Long	R/O	Daily run Long[20]
3321	46643	Long	R/O	Daily run Long[21]
3322	46645	Long	R/O	Daily run Long[22]
3323	46647	Long	R/O	Daily run Long[23]
3324	46649	Long	R/O	Daily run Long[24]
3325	46651	Long	R/O	Daily run Long[25]
3326	46653	Long	R/O	Daily run Long[26]
3327	46655	Long	R/O	Daily run Long[27]
3328	46657	Long	R/O	Daily run Long[28]
3329	46659	Long	R/O	Daily run Long[29]
3330	46661	Long	R/O	Daily run Long[30]
3331	46663	Long	R/O	Daily run Long[31]
3332	46665	Long	R/O	Daily run Long[32]
3333	46667	Long	R/O	Daily run Long[33]
3334	46669	Long	R/O	Daily run Long[34]
3335	46671	Long	R/O	Daily run Long[35]
3336	46673	Long	R/O	Daily run Long[36]
3337	46675	Long	R/O	Daily run Long[37]
3338	46677	Long	R/O	Daily run Long[38]
3339	46679	Long	R/O	Daily run Long[39]
3340	46681	Long	R/O	Daily run Long[40]
3341	46683	Long	R/O	Daily run Long[41]
3342	46685	Long	R/O	Daily run Long[42]
3343	46687	Long	R/O	Daily run Long[43]
3344	46689	Long	R/O	Daily run Long[44]
3345	46691	Long	R/O	Daily run Long[45]
3346	46693	Long	R/O	Daily run Long[46]
3347	46695	Long	R/O	Daily run Long[47]
3348	46697	Long	R/O	Daily run Long[48]
3349	46699	Long	R/O	Daily run Long[49]
3350	46701	Long	R/O	Daily run Long[50]
3351	46703	Long	R/O	Daily run Long[51]
3352	46705	Long	R/O	Daily run Long[52]
3353	46707	Long	R/O	Daily run Long[53]
3354	46709	Long	R/O	Daily run Long[54]
3355	46711	Long	R/O	Daily run Long[55]
3356	46713	Long	R/O	Daily run Long[56]
3357	46715	Long	R/O	Daily run Long[57]
3358	46717	Long	R/O	Daily run Long[58]

3359	46719	Long	R/O	Daily run Long[59]
3360	46721	Long	R/O	Daily run Long[60]
3361	46723	Long	R/O	Daily run Long[61]
3362	46725	Long	R/O	Daily run Long[62]
3363	46727	Long	R/O	Daily run Long[63]
3364	46729	Long	R/O	Daily run Long[64]
3365	46731	Long	R/O	Daily run Long[65]
3366	46733	Long	R/O	Daily run Long[66]
3367	46735	Long	R/O	Daily run Long[67]
3368	46737	Long	R/O	Daily run Long[68]
3369	46739	Long	R/O	Daily run Long[69]
3370	46741	Long	R/O	Daily run Long[70]
3371	46743	Long	R/O	Daily run Long[71]
3372	46745	Long	R/O	Daily run Long[72]
3373	46747	Long	R/O	Daily run Long[73]
3374	46749	Long	R/O	Daily run Long[74]
3375	46751	Long	R/O	Daily run Long[75]
3376	46753	Long	R/O	Daily run Long[76]
3377	46755	Long	R/O	Daily run Long[77]
3378	46757	Long	R/O	Daily run Long[78]
3379	46759	Long	R/O	Daily run Long[79]
3380	46761	Long	R/O	Daily run Long[80]
3381	46763	Long	R/O	Daily run Long[81]
3382	46765	Long	R/O	Daily run Long[82]
3383	46767	Long	R/O	Daily run Long[83]
3384	46769	Long	R/O	Daily run Long[84]
3385	46771	Long	R/O	Daily run Long[85]
3386	46773	Long	R/O	Daily run Long[86]
3387	46775	Long	R/O	Daily run Long[87]
3388	46777	Long	R/O	Daily run Long[88]
3389	46779	Long	R/O	Daily run Long[89]
3390	46781	Long	R/O	Daily run Long[90]
3391	46783	Long	R/O	Daily run Long[91]
3392	46785	Long	R/O	Daily run Long[92]
3393	46787	Long	R/O	Daily run Long[93]
3394	46789	Long	R/O	Daily run Long[94]
3395	46791	Long	R/O	Daily run Long[95]
3396	46793	Long	R/O	Daily run Long[96]
3397	46795	Long	R/O	Daily run Long[97]
3398	46797	Long	R/O	Daily run Long[98]

3399	46799	Long	R/O	Daily run Long[99]
3400	46801	Long	R/O	Daily run Long[100]
3401	46803	Long	R/O	Daily run Long[101]
3402	46805	Long	R/O	Daily run Long[102]
3403	46807	Long	R/O	Daily run Long[103]
3404	46809	Long	R/O	Daily run Long[104]
3405	46811	Long	R/O	Daily run Long[105]
3406	46813	Long	R/O	Daily run Long[106]
3407	46815	Long	R/O	Daily run Long[107]
3408	46817	Long	R/O	Daily run Long[108]
3409	46819	Long	R/O	Daily run Long[109]
3410	46821	Long	R/O	Daily run Long[110]
3411	46823	Long	R/O	Daily run Long[111]
3412	46825	Long	R/O	Daily run Long[112]
3413	46827	Long	R/O	Daily run Long[113]
3414	46829	Long	R/O	Daily run Long[114]
3415	46831	Long	R/O	Daily run Long[115]
3416	46833	Long	R/O	Daily run Long[116]
3417	46835	Long	R/O	Daily run Long[117]
3418	46837	Long	R/O	Daily run Long[118]
3419	46839	Long	R/O	Daily run Long[119]
3420	46841	UINT16	R/O	Daily Production[0]
3421	46843	UINT16	R/O	Daily Production[1]
3422	46845	UINT16	R/O	Daily Production[2]
3423	46847	UINT16	R/O	Daily Production[3]
3424	46849	UINT16	R/O	Daily Production[4]
3425	46851	UINT16	R/O	Daily Production[5]
3426	46853	UINT16	R/O	Daily Production[6]
3427	46855	UINT16	R/O	Daily Production[7]
3428	46857	UINT16	R/O	Daily Production[8]
3429	46859	UINT16	R/O	Daily Production[9]
3430	46861	UINT16	R/O	Daily Production[10]
3431	46863	UINT16	R/O	Daily Production[11]
3432	46865	UINT16	R/O	Daily Production[12]
3433	46867	UINT16	R/O	Daily Production[13]
3434	46869	UINT16	R/O	Daily Production[14]
3435	46871	UINT16	R/O	Daily Production[15]
3436	46873	UINT16	R/O	Daily Production[16]
3437	46875	UINT16	R/O	Daily Production[17]
3438	46877	UINT16	R/O	Daily Production[18]

3439	46879	UINT16	R/O	Daily Production[19]
3440	46881	UINT16	R/O	Daily Production[20]
3441	46883	UINT16	R/O	Daily Production[21]
3442	46885	UINT16	R/O	Daily Production[22]
3443	46887	UINT16	R/O	Daily Production[23]
3444	46889	UINT16	R/O	Daily Production[24]
3445	46891	UINT16	R/O	Daily Production[25]
3446	46893	UINT16	R/O	Daily Production[26]
3447	46895	UINT16	R/O	Daily Production[27]
3448	46897	UINT16	R/O	Daily Production[28]
3449	46899	UINT16	R/O	Daily Production[29]
3450	46901	UINT16	R/O	Daily Production[30]
3451	46903	UINT16	R/O	Daily Production[31]
3452	46905	UINT16	R/O	Daily Production[32]
3453	46907	UINT16	R/O	Daily Production[33]
3454	46909	UINT16	R/O	Daily Production[34]
3455	46911	UINT16	R/O	Daily Production[35]
3456	46913	UINT16	R/O	Daily Production[36]
3457	46915	UINT16	R/O	Daily Production[37]
3458	46917	UINT16	R/O	Daily Production[38]
3459	46919	UINT16	R/O	Daily Production[39]
3460	46921	UINT16	R/O	Daily Production[40]
3461	46923	UINT16	R/O	Daily Production[41]
3462	46925	UINT16	R/O	Daily Production[42]
3463	46927	UINT16	R/O	Daily Production[43]
3464	46929	UINT16	R/O	Daily Production[44]
3465	46931	UINT16	R/O	Daily Production[45]
3466	46933	UINT16	R/O	Daily Production[46]
3467	46935	UINT16	R/O	Daily Production[47]
3468	46937	UINT16	R/O	Daily Production[48]
3469	46939	UINT16	R/O	Daily Production[49]
3470	46941	UINT16	R/O	Daily Production[50]
3471	46943	UINT16	R/O	Daily Production[51]
3472	46945	UINT16	R/O	Daily Production[52]
3473	46947	UINT16	R/O	Daily Production[53]
3474	46949	UINT16	R/O	Daily Production[54]
3475	46951	UINT16	R/O	Daily Production[55]
3476	46953	UINT16	R/O	Daily Production[56]
3477	46955	UINT16	R/O	Daily Production[57]
3478	46957	UINT16	R/O	Daily Production[58]

3479	46959	UINT16	R/O	Daily Production[59]
3480	46961	UINT16	R/O	Daily Production[60]
3481	46963	UINT16	R/O	Daily Production[61]
3482	46965	UINT16	R/O	Daily Production[62]
3483	46967	UINT16	R/O	Daily Production[63]
3484	46969	UINT16	R/O	Daily Production[64]
3485	46971	UINT16	R/O	Daily Production[65]
3486	46973	UINT16	R/O	Daily Production[66]
3487	46975	UINT16	R/O	Daily Production[67]
3488	46977	UINT16	R/O	Daily Production[68]
3489	46979	UINT16	R/O	Daily Production[69]
3490	46981	UINT16	R/O	Daily Production[70]
3491	46983	UINT16	R/O	Daily Production[71]
3492	46985	UINT16	R/O	Daily Production[72]
3493	46987	UINT16	R/O	Daily Production[73]
3494	46989	UINT16	R/O	Daily Production[74]
3495	46991	UINT16	R/O	Daily Production[75]
3496	46993	UINT16	R/O	Daily Production[76]
3497	46995	UINT16	R/O	Daily Production[77]
3498	46997	UINT16	R/O	Daily Production[78]
3499	46999	UINT16	R/O	Daily Production[79]
3500	47001	UINT16	R/O	Daily Production[80]
3501	47003	UINT16	R/O	Daily Production[81]
3502	47005	UINT16	R/O	Daily Production[82]
3503	47007	UINT16	R/O	Daily Production[83]
3504	47009	UINT16	R/O	Daily Production[84]
3505	47011	UINT16	R/O	Daily Production[85]
3506	47013	UINT16	R/O	Daily Production[86]
3507	47015	UINT16	R/O	Daily Production[87]
3508	47017	UINT16	R/O	Daily Production[88]
3509	47019	UINT16	R/O	Daily Production[89]
3510	47021	UINT16	R/O	Daily Production[90]
3511	47023	UINT16	R/O	Daily Production[91]
3512	47025	UINT16	R/O	Daily Production[92]
3513	47027	UINT16	R/O	Daily Production[93]
3514	47029	UINT16	R/O	Daily Production[94]
3515	47031	UINT16	R/O	Daily Production[95]
3516	47033	UINT16	R/O	Daily Production[96]
3517	47035	UINT16	R/O	Daily Production[97]
3518	47037	UINT16	R/O	Daily Production[98]

3519	47039	UINT16	R/O	Daily Production[99]
3520	47041	UINT16	R/O	Daily Production[100]
3521	47043	UINT16	R/O	Daily Production[101]
3522	47045	UINT16	R/O	Daily Production[102]
3523	47047	UINT16	R/O	Daily Production[103]
3524	47049	UINT16	R/O	Daily Production[104]
3525	47051	UINT16	R/O	Daily Production[105]
3526	47053	UINT16	R/O	Daily Production[106]
3527	47055	UINT16	R/O	Daily Production[107]
3528	47057	UINT16	R/O	Daily Production[108]
3529	47059	UINT16	R/O	Daily Production[109]
3530	47061	UINT16	R/O	Daily Production[110]
3531	47063	UINT16	R/O	Daily Production[111]
3532	47065	UINT16	R/O	Daily Production[112]
3533	47067	UINT16	R/O	Daily Production[113]
3534	47069	UINT16	R/O	Daily Production[114]
3535	47071	UINT16	R/O	Daily Production[115]
3536	47073	UINT16	R/O	Daily Production[116]
3537	47075	UINT16	R/O	Daily Production[117]
3538	47077	UINT16	R/O	Daily Production[118]
3539	47079	UINT16	R/O	Daily Production[119]
3540	47081	Long	R/O	Pump run Long[0]
3541	47083	Long	R/O	Pump run Long[1]
3542	47085	Long	R/O	Pump run Long[2]
3543	47087	Long	R/O	Pump run Long[3]
3544	47089	Long	R/O	Pump run Long[4]
3545	47091	Long	R/O	Pump run Long[5]
3546	47093	Long	R/O	Pump run Long[6]
3547	47095	Long	R/O	Pump run Long[7]
3548	47097	Long	R/O	Pump run Long[8]
3549	47099	Long	R/O	Pump run Long[9]
3550	47101	Long	R/O	Pump run Long[10]
3551	47103	Long	R/O	Pump run Long[11]
3552	47105	Long	R/O	Pump run Long[12]
3553	47107	Long	R/O	Pump run Long[13]
3554	47109	Long	R/O	Pump run Long[14]
3555	47111	Long	R/O	Pump run Long[15]
3556	47113	Long	R/O	Pump run Long[16]
3557	47115	Long	R/O	Pump run Long[17]
3558	47117	Long	R/O	Pump run Long[18]

3559	47119	Long	R/O	Pump run Long[19]
3560	47121	Long	R/O	Pump run Long[20]
3561	47123	Long	R/O	Pump run Long[21]
3562	47125	Long	R/O	Pump run Long[22]
3563	47127	Long	R/O	Pump run Long[23]
3564	47129	Long	R/O	Pump run Long[24]
3565	47131	Long	R/O	Pump run Long[25]
3566	47133	Long	R/O	Pump run Long[26]
3567	47135	Long	R/O	Pump run Long[27]
3568	47137	Long	R/O	Pump run Long[28]
3569	47139	Long	R/O	Pump run Long[29]
3570	47141	Long	R/O	Pump run Long[30]
3571	47143	Long	R/O	Pump run Long[31]
3572	47145	Long	R/O	Pump run Long[32]
3573	47147	Long	R/O	Pump run Long[33]
3574	47149	Long	R/O	Pump run Long[34]
3575	47151	Long	R/O	Pump run Long[35]
3576	47153	Long	R/O	Pump run Long[36]
3577	47155	Long	R/O	Pump run Long[37]
3578	47157	Long	R/O	Pump run Long[38]
3579	47159	Long	R/O	Pump run Long[39]
3580	47161	Long	R/O	Pump run Long[40]
3581	47163	Long	R/O	Pump run Long[41]
3582	47165	Long	R/O	Pump run Long[42]
3583	47167	Long	R/O	Pump run Long[43]
3584	47169	Long	R/O	Pump run Long[44]
3585	47171	Long	R/O	Pump run Long[45]
3586	47173	Long	R/O	Pump run Long[46]
3587	47175	Long	R/O	Pump run Long[47]
3588	47177	Long	R/O	Pump run Long[48]
3589	47179	Long	R/O	Pump run Long[49]
3590	47181	Long	R/O	Pump run Long[50]
3591	47183	Long	R/O	Pump run Long[51]
3592	47185	Long	R/O	Pump run Long[52]
3593	47187	Long	R/O	Pump run Long[53]
3594	47189	Long	R/O	Pump run Long[54]
3595	47191	Long	R/O	Pump run Long[55]
3596	47193	Long	R/O	Pump run Long[56]
3597	47195	Long	R/O	Pump run Long[57]
3598	47197	Long	R/O	Pump run Long[58]

3599	47199	Long	R/O	Pump run Long[59]
3600	47201	Long	R/O	Pump run Long[60]
3601	47203	Long	R/O	Pump run Long[61]
3602	47205	Long	R/O	Pump run Long[62]
3603	47207	Long	R/O	Pump run Long[63]
3604	47209	Long	R/O	Pump run Long[64]
3605	47211	Long	R/O	Pump run Long[65]
3606	47213	Long	R/O	Pump run Long[66]
3607	47215	Long	R/O	Pump run Long[67]
3608	47217	Long	R/O	Pump run Long[68]
3609	47219	Long	R/O	Pump run Long[69]
3610	47221	Long	R/O	Pump run Long[70]
3611	47223	Long	R/O	Pump run Long[71]
3612	47225	Long	R/O	Pump run Long[72]
3613	47227	Long	R/O	Pump run Long[73]
3614	47229	Long	R/O	Pump run Long[74]
3615	47231	Long	R/O	Pump run Long[75]
3616	47233	Long	R/O	Pump run Long[76]
3617	47235	Long	R/O	Pump run Long[77]
3618	47237	Long	R/O	Pump run Long[78]
3619	47239	Long	R/O	Pump run Long[79]
3620	47241	Long	R/O	Pump run Long[80]
3621	47243	Long	R/O	Pump run Long[81]
3622	47245	Long	R/O	Pump run Long[82]
3623	47247	Long	R/O	Pump run Long[83]
3624	47249	Long	R/O	Pump run Long[84]
3625	47251	Long	R/O	Pump run Long[85]
3626	47253	Long	R/O	Pump run Long[86]
3627	47255	Long	R/O	Pump run Long[87]
3628	47257	Long	R/O	Pump run Long[88]
3629	47259	Long	R/O	Pump run Long[89]
3630	47261	Long	R/O	Pump run Long[90]
3631	47263	Long	R/O	Pump run Long[91]
3632	47265	Long	R/O	Pump run Long[92]
3633	47267	Long	R/O	Pump run Long[93]
3634	47269	Long	R/O	Pump run Long[94]
3635	47271	Long	R/O	Pump run Long[95]
3636	47273	Long	R/O	Pump run Long[96]
3637	47275	Long	R/O	Pump run Long[97]
3638	47277	Long	R/O	Pump run Long[98]

3639	47279	Long	R/O	Pump run Long[99]
3640	47281	Long	R/O	Pump run Long[100]
3641	47283	Long	R/O	Pump run Long[101]
3642	47285	Long	R/O	Pump run Long[102]
3643	47287	Long	R/O	Pump run Long[103]
3644	47289	Long	R/O	Pump run Long[104]
3645	47291	Long	R/O	Pump run Long[105]
3646	47293	Long	R/O	Pump run Long[106]
3647	47295	Long	R/O	Pump run Long[107]
3648	47297	Long	R/O	Pump run Long[108]
3649	47299	Long	R/O	Pump run Long[109]
3650	47301	Long	R/O	Pump run Long[110]
3651	47303	Long	R/O	Pump run Long[111]
3652	47305	Long	R/O	Pump run Long[112]
3653	47307	Long	R/O	Pump run Long[113]
3654	47309	Long	R/O	Pump run Long[114]
3655	47311	Long	R/O	Pump run Long[115]
3656	47313	Long	R/O	Pump run Long[116]
3657	47315	Long	R/O	Pump run Long[117]
3658	47317	Long	R/O	Pump run Long[118]
3659	47319	Long	R/O	Pump run Long[119]
3660	47321	Long	R/O	Crash record 1 Longstamp.
3661	47323	Long	R/O	Crash record 1 data.
3662	47325	Long	R/O	Crash record 2 Longstamp.
3663	47327	Long	R/O	Crash record 2 data.
3664	47329	Long	R/O	Crash record 3 Longstamp.
3665	47331	Long	R/O	Crash record 3 data.
3666	47333	Long	R/O	Crash record 4 Longstamp.
3667	47335	Long	R/O	Crash record 4 data.
3668	47337	Long	R/O	Crash record 5 Longstamp.
3669	47339	Long	R/O	Crash record 5 data.
3670	47341	Long	R/O	Crash record 6 Longstamp.
3671	47343	Long	R/O	Crash record 6 data.
3672	47345	Long	R/O	Crash record 7 Longstamp.
3673	47347	Long	R/O	Crash record 7 data.
3674	47349	Long	R/O	Crash record 8 Longstamp.
3675	47351	Long	R/O	Crash record 8 data.
3676	47353	Long	R/O	Crash record 9 Longstamp.
3677	47355	Long	R/O	Crash record 9 data.
3678	47357	Long	R/O	Crash record 10 Longstamp.

3679	47359	Long	R/O	Crash record 10 data.
3680	47361	UINT16	R/W	Accum. count of task failures
3681	47363	UINT16	R/W	Clr tsk fail hist
3682	47365	UINT16	R/W	List task indexes
3683	47367	UINT16	R/W	System monitor reset control
3800	47601	UINT16	R/W	Pos Deadband in %
3801	47603	UINT16	R/O	Average of min pos/stroke
3802	47605	UINT16	R/O	Average of max pos/stroke
3803	47607	UINT16	R/O	Pos span last cycle sensed
3820	47641	UINT16	R/O	RTD Raw counts/Volts
3821	47643	Float	R/O	RTD temperature
3822	47645	UINT16	R/W	RTD Units (C/F)
3823	47647	Float	R/W	RTD Low Limit(DEG)
3824	47649	UINT16	R/W	RTD Low alarm action 1
3825	47651	UINT16	R/W	RTD Low alarm action 2
3826	47653	Float	R/W	RTD High Limit
3827	47655	UINT16	R/W	RTD High alarm action 1
3828	47657	UINT16	R/W	RTD High alarm action 2
3829	47659	Float	R/W	RTD Alarm Deadband
3830	47661	Float	R/O	RTD Min Value
3831	47663	Float	R/O	RTD Max Value
3832	47665	UINT16	R/O	RTD alarm status bits
3833	47667	UINT16	R/W	RTD Rst min/max
3834	47669	Float	R/O	RTD degree F
3915	47831	UINT16	R/W	Clear comm2 stats
3917	47835	UINT16	R/O	Character errors2
3918	47837	UINT16	R/O	Characters received2
3919	47839	UINT16	R/O	Header characters rcvd2
3920	47841	UINT16	R/O	Trailer characters rcvd2
3921	47843	UINT16	R/O	Framed messages rcvd2
3922	47845	UINT16	R/O	Good framed msgs rcvd2
3923	47847	UINT16	R/O	Messages processed2
3924	47849	UINT16	R/O	UINT16s processed2
3925	47851	UINT16	R/O	Responses transmitted2
3926	47853	UINT16	R/O	Characters transmitted2
3930	47861	UINT16	R/W	Clear comm3 stats
3932	47865	UINT16	R/O	Character errors3
3933	47867	UINT16	R/O	Characters received3
3934	47869	UINT16	R/O	Header characters rcvd3
3935	47871	UINT16	R/O	Trailer characters rcvd3

3936	47873	UINT16	R/O	Framed messages rcvd3
3937	47875	UINT16	R/O	Good framed msgs rcvd3
3938	47877	UINT16	R/O	Messages processed3
3939	47879	UINT16	R/O	UINT16s processed3
3940	47881	UINT16	R/O	Responses transmitted3
3941	47883	UINT16	R/O	Characters transmitted3
3945	47891	UINT16	R/W	Clear comm4 stats
3947	47895	UINT16	R/O	Character errors4
3948	47897	UINT16	R/O	Characters received4
3949	47899	UINT16	R/O	Header characters rcvd4
3950	47901	UINT16	R/O	Trailer characters rcvd4
3951	47903	UINT16	R/O	Framed messages rcvd4
3952	47905	UINT16	R/O	Good framed msgs rcvd4
3953	47907	UINT16	R/O	Messages processed4
3954	47909	UINT16	R/O	UINT16s processed4
3955	47911	UINT16	R/O	Responses transmitted4
3956	47913	UINT16	R/O	Characters transmitted4
3960	47921	UINT16	R/W	Host2 ID
3961	47923	UINT16	R/W	Host2 baud rate
3962	47925	UINT16	R/W	Host2 data format
3963	47927	UINT16	R/W	Radio turn on delay2
3964	47929	UINT16	R/W	Radio turn off delay2
3965	47931	UINT16	R/W	Max radio on Long2(sec)
3966	47933	UINT16	R/W	Host2 Comm Port Mode
3967	47935	UINT16	R/W	Host2 Rcv Msg Delay(ms)
3968	47937	UINT16	R/W	Host2 port protocol
3970	47941	UINT16	R/W	Host3 ID
3971	47943	UINT16	R/W	Host3 baud rate
3972	47945	UINT16	R/W	Host3 data format
3973	47947	UINT16	R/W	Radio turn on delay3
3974	47949	UINT16	R/W	Radio turn off delay3
3975	47951	UINT16	R/W	Max radio on Long3(sec)
3976	47953	UINT16	R/W	Host3 Comm Port Mode
3977	47955	UINT16	R/W	Host3 Rcv Msg Delay(ms)
3978	47957	UINT16	R/W	Host3 port protocol
3980	47961	UINT16	R/W	HMI(Host4) ID
3981	47963	UINT16	R/W	HMI(4) baud rate
3982	47965	UINT16	R/W	HMI(4) data format
3983	47967	UINT16	R/W	Radio turn on delay4
3984	47969	UINT16	R/W	Radio turn off delay4

3985	47971	UINT16	R/W	Max radio on Long4(sec)
3986	47973	UINT16	R/W	HMI(4) Comm Port Mode
3987	47975	UINT16	R/W	HMI(4) Rcv Msg Delay(ms)
3990	47981	UINT16	R/W	Analog Sensor Channel 1
3991	47983	UINT16	R/W	Analog Sensor Channel 2
3998	47997	UINT16	R/W	Temperature Units
3999	47999	UINT16	R/W	Tank Power DO #
4000	48001	Long	R/W	Tank/Flow Gauge Tm
4001	48003	Long	R/O	Tm to next GaugeTm
4002	48005	Long	R/O	Gauge start Long
4003	48007	Long	R/W	ROS Scan Interval
4004	48009	UINT16	R/W	Tank Rx Tmout(sec)
4005	48011	UINT16	R/W	Tank Level Units
4006	48013	UINT16	R/W	Auto Cfg Tnk Modbus
4007	48015	UINT16	R/W	Tank Protocol
4008	48017	UINT16	R/W	Tank Baud Rate
4009	48019	UINT16	R/W	Tank Data Bits
4010	48021	UINT16	R/W	Tank Parity
4011	48023	UINT16	R/W	Tank Stop Bits
4012	48025	UINT16	R/W	Tank Line Mode
4013	48027	UINT16	R/W	Tank RTS Delay
4014	48029	UINT16	R/W	Tank RTS Hold
4015	48031	UINT16	R/W	Clear Tank History
4016	48033	UINT16	R/W	Status Screen Tank#1
4017	48035	UINT16	R/W	Status Screen Tank#2
4018	48037	UINT16	R/W	Status Screen Tank#3
4019	48039	UINT16	R/W	Status Screen Tank#4
4020	48041	UINT16	R/W	Tank 1 Sensor Type
4021	48043	Float	R/W	Tank 1 flt1 Hi Limit
4022	48045	Float	R/W	Tank 1 flt1 Lo Limit
4023	48047	UINT16	R/W	Tank 1 flt1 Hi Action
4024	48049	UINT16	R/W	Tank 1 flt1 Lo Action
4025	48051	Float	R/W	Tank 1 flt1 HiHi Limit
4026	48053	Float	R/W	Tank 1 flt1 LoLo Limit
4027	48055	UINT16	R/W	Tank 1 flt1 HiHi Action
4028	48057	UINT16	R/W	Tank 1 flt1 LoLo Action
4030	48061	Float	R/W	Tank 1 Level 1 Offset
4031	48063	Float	R/W	Tank 1 Level 2 Offset
4032	48065	UINT16	R/W	Tank 1 ID
4033	48067	Float	R/W	Tank 1 flt2 Hi Limit

4034	48069	Float	R/W	Tank 1 flt2 Lo Limit
4035	48071	UINT16	R/W	Tank 1 flt2 Hi Action
4036	48073	UINT16	R/W	Tank 1 flt2 Lo Action
4037	48075	Float	R/W	Tank 1 flt2 HiHi Limit
4038	48077	Float	R/W	Tank 1 flt2 LoLo Limit
4039	48079	UINT16	R/W	Tank 1 flt2 HiHi Action
4040	48081	UINT16	R/W	Tank 1 flt2 LoLo Action
4041	48083	UINT16	R/O	Tank 1 Floats Detected
4042	48085	UINT16	R/W	Tank 1 Clr ComStats
4043	48087	UINT16	R/O	Tank 1 Polls Sent
4044	48089	UINT16	R/O	Tank 1 No Replies
4045	48091	UINT16	R/O	Tank 1 Err in Reply
4050	48101	Float	R/O	Tank1 Current flt1 lvl
4051	48103	Float	R/O	Tank1 flt1 lvl 1 hrs ago
4052	48105	Float	R/O	Tank1 flt1 lvl 2 hrs ago
4053	48107	Float	R/O	Tank1 flt1 lvl 3 hrs ago
4054	48109	Float	R/O	Tank1 flt1 lvl 4 hrs ago
4055	48111	Float	R/O	Tank1 flt1 lvl 5 hrs ago
4056	48113	Float	R/O	Tank1 flt1 lvl 6 hrs ago
4057	48115	Float	R/O	Tank1 flt1 lvl 7 hrs ago
4058	48117	Float	R/O	Tank1 flt1 lvl 8 hrs ago
4059	48119	Float	R/O	Tank1 flt1 lvl 9 hrs ago
4060	48121	Float	R/O	Tank1 flt1 lvl 10 hrs ago
4061	48123	Float	R/O	Tank1 flt1 lvl 11 hrs ago
4062	48125	Float	R/O	Tank1 flt1 lvl 12 hrs ago
4063	48127	Float	R/O	Tank1 flt1 lvl 13 hrs ago
4064	48129	Float	R/O	Tank1 flt1 lvl 14 hrs ago
4065	48131	Float	R/O	Tank1 flt1 lvl 15 hrs ago
4066	48133	Float	R/O	Tank1 flt1 lvl 16 hrs ago
4067	48135	Float	R/O	Tank1 flt1 lvl 17 hrs ago
4068	48137	Float	R/O	Tank1 flt1 lvl 18 hrs ago
4069	48139	Float	R/O	Tank1 flt1 lvl 19 hrs ago
4070	48141	Float	R/O	Tank1 flt1 lvl 20 hrs ago
4071	48143	Float	R/O	Tank1 flt1 lvl 21 hrs ago
4072	48145	Float	R/O	Tank1 flt1 lvl 22 hrs ago
4073	48147	Float	R/O	Tank1 flt1 lvl 23 hrs ago
4074	48149	Float	R/O	Tank1 Current flt2 lvl
4075	48151	Float	R/O	Tank1 flt2 lvl 1 hrs ago
4076	48153	Float	R/O	Tank1 flt2 lvl 2 hrs ago
4077	48155	Float	R/O	Tank1 flt2 lvl 3 hrs ago

4078	48157	Float	R/O	Tank1 flt2 lvl 4 hrs ago
4079	48159	Float	R/O	Tank1 flt2 lvl 5 hrs ago
4080	48161	Float	R/O	Tank1 flt2 lvl 6 hrs ago
4081	48163	Float	R/O	Tank1 flt2 lvl 7 hrs ago
4082	48165	Float	R/O	Tank1 flt2 lvl 8 hrs ago
4083	48167	Float	R/O	Tank1 flt2 lvl 9 hrs ago
4084	48169	Float	R/O	Tank1 flt2 lvl 10 hrs ago
4085	48171	Float	R/O	Tank1 flt2 lvl 11 hrs ago
4086	48173	Float	R/O	Tank1 flt2 lvl 12 hrs ago
4087	48175	Float	R/O	Tank1 flt2 lvl 13 hrs ago
4088	48177	Float	R/O	Tank1 flt2 lvl 14 hrs ago
4089	48179	Float	R/O	Tank1 flt2 lvl 15 hrs ago
4090	48181	Float	R/O	Tank1 flt2 lvl 16 hrs ago
4091	48183	Float	R/O	Tank1 flt2 lvl 17 hrs ago
4092	48185	Float	R/O	Tank1 flt2 lvl 18 hrs ago
4093	48187	Float	R/O	Tank1 flt2 lvl 19 hrs ago
4094	48189	Float	R/O	Tank1 flt2 lvl 20 hrs ago
4095	48191	Float	R/O	Tank1 flt2 lvl 21 hrs ago
4096	48193	Float	R/O	Tank1 flt2 lvl 22 hrs ago
4097	48195	Float	R/O	Tank1 flt2 lvl 23 hrs ago
4098	48197	UINT16	R/O	Tank1 Current Temp
4099	48199	UINT16	R/O	Tank1 Temp 1 hrs ago
4100	48201	UINT16	R/O	Tank1 Temp 2 hrs ago
4101	48203	UINT16	R/O	Tank1 Temp 3 hrs ago
4102	48205	UINT16	R/O	Tank1 Temp 4 hrs ago
4103	48207	UINT16	R/O	Tank1 Temp 5 hrs ago
4104	48209	UINT16	R/O	Tank1 Temp 6 hrs ago
4105	48211	UINT16	R/O	Tank1 Temp 7 hrs ago
4106	48213	UINT16	R/O	Tank1 Temp 8 hrs ago
4107	48215	UINT16	R/O	Tank1 Temp 9 hrs ago
4108	48217	UINT16	R/O	Tank1 Temp 10 hrs ago
4109	48219	UINT16	R/O	Tank1 Temp 11 hrs ago
4110	48221	UINT16	R/O	Tank1 Temp 12 hrs ago
4111	48223	UINT16	R/O	Tank1 Temp 13 hrs ago
4112	48225	UINT16	R/O	Tank1 Temp 14 hrs ago
4113	48227	UINT16	R/O	Tank1 Temp 15 hrs ago
4114	48229	UINT16	R/O	Tank1 Temp 16 hrs ago
4115	48231	UINT16	R/O	Tank1 Temp 17 hrs ago
4116	48233	UINT16	R/O	Tank1 Temp 18 hrs ago
4117	48235	UINT16	R/O	Tank1 Temp 19 hrs ago

4118	48237	UINT16	R/O	Tank1 Temp 20 hrs ago
4119	48239	UINT16	R/O	Tank1 Temp 21 hrs ago
4120	48241	UINT16	R/O	Tank1 Temp 22 hrs ago
4121	48243	UINT16	R/O	Tank1 Temp 23 hrs ago
4122	48245	Float	R/O	Tank1 Current day flt1 lvl
4123	48247	Float	R/O	Tank1 flt1 lvl 1 days ago
4124	48249	Float	R/O	Tank1 flt1 lvl 2 days ago
4125	48251	Float	R/O	Tank1 flt1 lvl 3 days ago
4126	48253	Float	R/O	Tank1 flt1 lvl 4 days ago
4127	48255	Float	R/O	Tank1 flt1 lvl 5 days ago
4128	48257	Float	R/O	Tank1 flt1 lvl 6 days ago
4129	48259	Float	R/O	Tank1 flt1 lvl 7 days ago
4130	48261	Float	R/O	Tank1 Current day flt2 lvl
4131	48263	Float	R/O	Tank1 flt2 lvl 1 days ago
4132	48265	Float	R/O	Tank1 flt2 lvl 2 days ago
4133	48267	Float	R/O	Tank1 flt2 lvl 3 days ago
4134	48269	Float	R/O	Tank1 flt2 lvl 4 days ago
4135	48271	Float	R/O	Tank1 flt2 lvl 5 days ago
4136	48273	Float	R/O	Tank1 flt2 lvl 6 days ago
4137	48275	Float	R/O	Tank1 flt2 lvl 7 days ago
4138	48277	UINT16	R/O	Tank1 Current Temp
4139	48279	UINT16	R/O	Tank1 Temp 1 days ago
4140	48281	UINT16	R/O	Tank1 Temp 2 days ago
4141	48283	UINT16	R/O	Tank1 Temp 3 days ago
4142	48285	UINT16	R/O	Tank1 Temp 4 days ago
4143	48287	UINT16	R/O	Tank1 Temp 5 days ago
4144	48289	UINT16	R/O	Tank1 Temp 6 days ago
4145	48291	UINT16	R/O	Tank1 Temp 7 days ago
4150	48301	UINT16	R/W	Tank 2 Sensor Type
4151	48303	Float	R/W	Tank 2 flt1 Hi Limit
4152	48305	Float	R/W	Tank 2 flt1 Lo Limit
4153	48307	UINT16	R/W	Tank 2 flt1 Hi Action
4154	48309	UINT16	R/W	Tank 2 flt1 Lo Action
4155	48311	Float	R/W	Tank 2 flt1 HiHi Limit
4156	48313	Float	R/W	Tank 2 flt1 LoLo Limit
4157	48315	UINT16	R/W	Tank 2 flt1 HiHi Action
4158	48317	UINT16	R/W	Tank 2 flt1 LoLo Action
4160	48321	Float	R/W	Tank 2 Level 1 Offset
4161	48323	Float	R/W	Tank 2 Level 2 Offset
4162	48325	UINT16	R/W	Tank 2 ID

4163	48327	Float	R/W	Tank 2 flt2 Hi Limit
4164	48329	Float	R/W	Tank 2 flt2 Lo Limit
4165	48331	UINT16	R/W	Tank 2 flt2 Hi Action
4166	48333	UINT16	R/W	Tank 2 flt2 Lo Action
4167	48335	Float	R/W	Tank 2 flt2 HiHi Limit
4168	48337	Float	R/W	Tank 2 flt2 LoLo Limit
4169	48339	UINT16	R/W	Tank 2 flt2 HiHi Action
4170	48341	UINT16	R/W	Tank 2 flt2 LoLo Action
4171	48343	UINT16	R/O	Tank 2 Floats Detected
4172	48345	UINT16	R/W	Tank 2 Clr ComStats
4173	48347	UINT16	R/O	Tank 2 Polls Sent
4174	48349	UINT16	R/O	Tank 2 No Replies
4175	48351	UINT16	R/O	Tank 2 Err in Reply
4180	48361	Float	R/O	Tank2 Current flt1 lvl
4181	48363	Float	R/O	Tank2 flt1 lvl 1 hrs ago
4182	48365	Float	R/O	Tank2 flt1 lvl 2 hrs ago
4183	48367	Float	R/O	Tank2 flt1 lvl 3 hrs ago
4184	48369	Float	R/O	Tank2 flt1 lvl 4 hrs ago
4185	48371	Float	R/O	Tank2 flt1 lvl 5 hrs ago
4186	48373	Float	R/O	Tank2 flt1 lvl 6 hrs ago
4187	48375	Float	R/O	Tank2 flt1 lvl 7 hrs ago
4188	48377	Float	R/O	Tank2 flt1 lvl 8 hrs ago
4189	48379	Float	R/O	Tank2 flt1 lvl 9 hrs ago
4190	48381	Float	R/O	Tank2 flt1 lvl 10 hrs ago
4191	48383	Float	R/O	Tank2 flt1 lvl 11 hrs ago
4192	48385	Float	R/O	Tank2 flt1 lvl 12 hrs ago
4193	48387	Float	R/O	Tank2 flt1 lvl 13 hrs ago
4194	48389	Float	R/O	Tank2 flt1 lvl 14 hrs ago
4195	48391	Float	R/O	Tank2 flt1 lvl 15 hrs ago
4196	48393	Float	R/O	Tank2 flt1 lvl 16 hrs ago
4197	48395	Float	R/O	Tank2 flt1 lvl 17 hrs ago
4198	48397	Float	R/O	Tank2 flt1 lvl 18 hrs ago
4199	48399	Float	R/O	Tank2 flt1 lvl 19 hrs ago
4200	48401	Float	R/O	Tank2 flt1 lvl 20 hrs ago
4201	48403	Float	R/O	Tank2 flt1 lvl 21 hrs ago
4202	48405	Float	R/O	Tank2 flt1 lvl 22 hrs ago
4203	48407	Float	R/O	Tank2 flt1 lvl 23 hrs ago
4204	48409	Float	R/O	Tank2 Current flt2 lvl
4205	48411	Float	R/O	Tank2 flt2 lvl 1 hrs ago
4206	48413	Float	R/O	Tank2 flt2 lvl 2 hrs ago

4207	48415	Float	R/O	Tank2 flt2 lvl 3 hrs ago
4208	48417	Float	R/O	Tank2 flt2 lvl 4 hrs ago
4209	48419	Float	R/O	Tank2 flt2 lvl 5 hrs ago
4210	48421	Float	R/O	Tank2 flt2 lvl 6 hrs ago
4211	48423	Float	R/O	Tank2 flt2 lvl 7 hrs ago
4212	48425	Float	R/O	Tank2 flt2 lvl 8 hrs ago
4213	48427	Float	R/O	Tank2 flt2 lvl 9 hrs ago
4214	48429	Float	R/O	Tank2 flt2 lvl 10 hrs ago
4215	48431	Float	R/O	Tank2 flt2 lvl 11 hrs ago
4216	48433	Float	R/O	Tank2 flt2 lvl 12 hrs ago
4217	48435	Float	R/O	Tank2 flt2 lvl 13 hrs ago
4218	48437	Float	R/O	Tank2 flt2 lvl 14 hrs ago
4219	48439	Float	R/O	Tank2 flt2 lvl 15 hrs ago
4220	48441	Float	R/O	Tank2 flt2 lvl 16 hrs ago
4221	48443	Float	R/O	Tank2 flt2 lvl 17 hrs ago
4222	48445	Float	R/O	Tank2 flt2 lvl 18 hrs ago
4223	48447	Float	R/O	Tank2 flt2 lvl 19 hrs ago
4224	48449	Float	R/O	Tank2 flt2 lvl 20 hrs ago
4225	48451	Float	R/O	Tank2 flt2 lvl 21 hrs ago
4226	48453	Float	R/O	Tank2 flt2 lvl 22 hrs ago
4227	48455	Float	R/O	Tank2 flt2 lvl 23 hrs ago
4228	48457	UINT16	R/O	Tank2 Current Temp
4229	48459	UINT16	R/O	Tank2 Temp 1 hrs ago
4230	48461	UINT16	R/O	Tank2 Temp 2 hrs ago
4231	48463	UINT16	R/O	Tank2 Temp 3 hrs ago
4232	48465	UINT16	R/O	Tank2 Temp 4 hrs ago
4233	48467	UINT16	R/O	Tank2 Temp 5 hrs ago
4234	48469	UINT16	R/O	Tank2 Temp 6 hrs ago
4235	48471	UINT16	R/O	Tank2 Temp 7 hrs ago
4236	48473	UINT16	R/O	Tank2 Temp 8 hrs ago
4237	48475	UINT16	R/O	Tank2 Temp 9 hrs ago
4238	48477	UINT16	R/O	Tank2 Temp 10 hrs ago
4239	48479	UINT16	R/O	Tank2 Temp 11 hrs ago
4240	48481	UINT16	R/O	Tank2 Temp 12 hrs ago
4241	48483	UINT16	R/O	Tank2 Temp 13 hrs ago
4242	48485	UINT16	R/O	Tank2 Temp 14 hrs ago
4243	48487	UINT16	R/O	Tank2 Temp 15 hrs ago
4244	48489	UINT16	R/O	Tank2 Temp 16 hrs ago
4245	48491	UINT16	R/O	Tank2 Temp 17 hrs ago
4246	48493	UINT16	R/O	Tank2 Temp 18 hrs ago

4247	48495	UINT16	R/O	Tank2 Temp 19 hrs ago
4248	48497	UINT16	R/O	Tank2 Temp 20 hrs ago
4249	48499	UINT16	R/O	Tank2 Temp 21 hrs ago
4250	48501	UINT16	R/O	Tank2 Temp 22 hrs ago
4251	48503	UINT16	R/O	Tank2 Temp 23 hrs ago
4252	48505	Float	R/O	Tank2 Current day flt1 lvl
4253	48507	Float	R/O	Tank2 flt1 lvl 1 days ago
4254	48509	Float	R/O	Tank2 flt1 lvl 2 days ago
4255	48511	Float	R/O	Tank2 flt1 lvl 3 days ago
4256	48513	Float	R/O	Tank2 flt1 lvl 4 days ago
4257	48515	Float	R/O	Tank2 flt1 lvl 5 days ago
4258	48517	Float	R/O	Tank2 flt1 lvl 6 days ago
4259	48519	Float	R/O	Tank2 flt1 lvl 7 days ago
4260	48521	Float	R/O	Tank2 Current day flt2 lvl
4261	48523	Float	R/O	Tank2 flt2 lvl 1 days ago
4262	48525	Float	R/O	Tank2 flt2 lvl 2 days ago
4263	48527	Float	R/O	Tank2 flt2 lvl 3 days ago
4264	48529	Float	R/O	Tank2 flt2 lvl 4 days ago
4265	48531	Float	R/O	Tank2 flt2 lvl 5 days ago
4266	48533	Float	R/O	Tank2 flt2 lvl 6 days ago
4267	48535	Float	R/O	Tank2 flt2 lvl 7 days ago
4268	48537	UINT16	R/O	Tank2 Current Temp
4269	48539	UINT16	R/O	Tank2 Temp 1 days ago
4270	48541	UINT16	R/O	Tank2 Temp 2 days ago
4271	48543	UINT16	R/O	Tank2 Temp 3 days ago
4272	48545	UINT16	R/O	Tank2 Temp 4 days ago
4273	48547	UINT16	R/O	Tank2 Temp 5 days ago
4274	48549	UINT16	R/O	Tank2 Temp 6 days ago
4275	48551	UINT16	R/O	Tank2 Temp 7 days ago
4280	48561	UINT16	R/W	Tank 3 Sensor Type
4281	48563	Float	R/W	Tank 3 flt1 Hi Limit
4282	48565	Float	R/W	Tank 3 flt1 Lo Limit
4283	48567	UINT16	R/W	Tank 3 flt1 Hi Action
4284	48569	UINT16	R/W	Tank 3 flt1 Lo Action
4285	48571	Float	R/W	Tank 3 flt1 HiHi Limit
4286	48573	Float	R/W	Tank 3 flt1 LoLo Limit
4287	48575	UINT16	R/W	Tank 3 flt1 HiHi Action
4288	48577	UINT16	R/W	Tank 3 flt1 LoLo Action
4290	48581	Float	R/W	Tank 3 Level 1 Offset
4291	48583	Float	R/W	Tank 3 Level 2 Offset

4292	48585	UINT16	R/W	Tank 3 ID
4293	48587	Float	R/W	Tank 3 flt2 Hi Limit
4294	48589	Float	R/W	Tank 3 flt2 Lo Limit
4295	48591	UINT16	R/W	Tank 3 flt2 Hi Action
4296	48593	UINT16	R/W	Tank 3 flt2 Lo Action
4297	48595	Float	R/W	Tank 3 flt2 HiHi Limit
4298	48597	Float	R/W	Tank 3 flt2 LoLo Limit
4299	48599	UINT16	R/W	Tank 3 flt2 HiHi Action
4300	48601	UINT16	R/W	Tank 3 flt2 LoLo Action
4301	48603	UINT16	R/O	Tank 3 Floats Detected
4302	48605	UINT16	R/W	Tank 3 Clr ComStats
4303	48607	UINT16	R/O	Tank 3 Polls Sent
4304	48609	UINT16	R/O	Tank 3 No Replies
4305	48611	UINT16	R/O	Tank 3 Err in Reply
4310	48621	Float	R/O	Tank3 Current flt1 lvl
4311	48623	Float	R/O	Tank3 flt1 lvl 1 hrs ago
4312	48625	Float	R/O	Tank3 flt1 lvl 2 hrs ago
4313	48627	Float	R/O	Tank3 flt1 lvl 3 hrs ago
4314	48629	Float	R/O	Tank3 flt1 lvl 4 hrs ago
4315	48631	Float	R/O	Tank3 flt1 lvl 5 hrs ago
4316	48633	Float	R/O	Tank3 flt1 lvl 6 hrs ago
4317	48635	Float	R/O	Tank3 flt1 lvl 7 hrs ago
4318	48637	Float	R/O	Tank3 flt1 lvl 8 hrs ago
4319	48639	Float	R/O	Tank3 flt1 lvl 9 hrs ago
4320	48641	Float	R/O	Tank3 flt1 lvl 10 hrs ago
4321	48643	Float	R/O	Tank3 flt1 lvl 11 hrs ago
4322	48645	Float	R/O	Tank3 flt1 lvl 12 hrs ago
4323	48647	Float	R/O	Tank3 flt1 lvl 13 hrs ago
4324	48649	Float	R/O	Tank3 flt1 lvl 14 hrs ago
4325	48651	Float	R/O	Tank3 flt1 lvl 15 hrs ago
4326	48653	Float	R/O	Tank3 flt1 lvl 16 hrs ago
4327	48655	Float	R/O	Tank3 flt1 lvl 17 hrs ago
4328	48657	Float	R/O	Tank3 flt1 lvl 18 hrs ago
4329	48659	Float	R/O	Tank3 flt1 lvl 19 hrs ago
4330	48661	Float	R/O	Tank3 flt1 lvl 20 hrs ago
4331	48663	Float	R/O	Tank3 flt1 lvl 21 hrs ago
4332	48665	Float	R/O	Tank3 flt1 lvl 22 hrs ago
4333	48667	Float	R/O	Tank3 flt1 lvl 23 hrs ago
4334	48669	Float	R/O	Tank3 Current flt2 lvl
4335	48671	Float	R/O	Tank3 flt2 lvl 1 hrs ago

4336	48673	Float	R/O	Tank3 flt2 lvl 2 hrs ago
4337	48675	Float	R/O	Tank3 flt2 lvl 3 hrs ago
4338	48677	Float	R/O	Tank3 flt2 lvl 4 hrs ago
4339	48679	Float	R/O	Tank3 flt2 lvl 5 hrs ago
4340	48681	Float	R/O	Tank3 flt2 lvl 6 hrs ago
4341	48683	Float	R/O	Tank3 flt2 lvl 7 hrs ago
4342	48685	Float	R/O	Tank3 flt2 lvl 8 hrs ago
4343	48687	Float	R/O	Tank3 flt2 lvl 9 hrs ago
4344	48689	Float	R/O	Tank3 flt2 lvl 10 hrs ago
4345	48691	Float	R/O	Tank3 flt2 lvl 11 hrs ago
4346	48693	Float	R/O	Tank3 flt2 lvl 12 hrs ago
4347	48695	Float	R/O	Tank3 flt2 lvl 13 hrs ago
4348	48697	Float	R/O	Tank3 flt2 lvl 14 hrs ago
4349	48699	Float	R/O	Tank3 flt2 lvl 15 hrs ago
4350	48701	Float	R/O	Tank3 flt2 lvl 16 hrs ago
4351	48703	Float	R/O	Tank3 flt2 lvl 17 hrs ago
4352	48705	Float	R/O	Tank3 flt2 lvl 18 hrs ago
4353	48707	Float	R/O	Tank3 flt2 lvl 19 hrs ago
4354	48709	Float	R/O	Tank3 flt2 lvl 20 hrs ago
4355	48711	Float	R/O	Tank3 flt2 lvl 21 hrs ago
4356	48713	Float	R/O	Tank3 flt2 lvl 22 hrs ago
4357	48715	Float	R/O	Tank3 flt2 lvl 23 hrs ago
4358	48717	UINT16	R/O	Tank3 Current Temp
4359	48719	UINT16	R/O	Tank3 Temp 1 hrs ago
4360	48721	UINT16	R/O	Tank3 Temp 2 hrs ago
4361	48723	UINT16	R/O	Tank3 Temp 3 hrs ago
4362	48725	UINT16	R/O	Tank3 Temp 4 hrs ago
4363	48727	UINT16	R/O	Tank3 Temp 5 hrs ago
4364	48729	UINT16	R/O	Tank3 Temp 6 hrs ago
4365	48731	UINT16	R/O	Tank3 Temp 7 hrs ago
4366	48733	UINT16	R/O	Tank3 Temp 8 hrs ago
4367	48735	UINT16	R/O	Tank3 Temp 9 hrs ago
4368	48737	UINT16	R/O	Tank3 Temp 10 hrs ago
4369	48739	UINT16	R/O	Tank3 Temp 11 hrs ago
4370	48741	UINT16	R/O	Tank3 Temp 12 hrs ago
4371	48743	UINT16	R/O	Tank3 Temp 13 hrs ago
4372	48745	UINT16	R/O	Tank3 Temp 14 hrs ago
4373	48747	UINT16	R/O	Tank3 Temp 15 hrs ago
4374	48749	UINT16	R/O	Tank3 Temp 16 hrs ago
4375	48751	UINT16	R/O	Tank3 Temp 17 hrs ago

4376	48753	UINT16	R/O	Tank3 Temp 18 hrs ago
4377	48755	UINT16	R/O	Tank3 Temp 19 hrs ago
4378	48757	UINT16	R/O	Tank3 Temp 20 hrs ago
4379	48759	UINT16	R/O	Tank3 Temp 21 hrs ago
4380	48761	UINT16	R/O	Tank3 Temp 22 hrs ago
4381	48763	UINT16	R/O	Tank3 Temp 23 hrs ago
4382	48765	Float	R/O	Tank3 Current day flt1 lvl
4383	48767	Float	R/O	Tank3 flt1 lvl 1 days ago
4384	48769	Float	R/O	Tank3 flt1 lvl 2 days ago
4385	48771	Float	R/O	Tank3 flt1 lvl 3 days ago
4386	48773	Float	R/O	Tank3 flt1 lvl 4 days ago
4387	48775	Float	R/O	Tank3 flt1 lvl 5 days ago
4388	48777	Float	R/O	Tank3 flt1 lvl 6 days ago
4389	48779	Float	R/O	Tank3 flt1 lvl 7 days ago
4390	48781	Float	R/O	Tank3 Current day flt2 lvl
4391	48783	Float	R/O	Tank3 flt2 lvl 1 days ago
4392	48785	Float	R/O	Tank3 flt2 lvl 2 days ago
4393	48787	Float	R/O	Tank3 flt2 lvl 3 days ago
4394	48789	Float	R/O	Tank3 flt2 lvl 4 days ago
4395	48791	Float	R/O	Tank3 flt2 lvl 5 days ago
4396	48793	Float	R/O	Tank3 flt2 lvl 6 days ago
4397	48795	Float	R/O	Tank3 flt2 lvl 7 days ago
4398	48797	UINT16	R/O	Tank3 Current Temp
4399	48799	UINT16	R/O	Tank3 Temp 1 days ago
4400	48801	UINT16	R/O	Tank3 Temp 2 days ago
4401	48803	UINT16	R/O	Tank3 Temp 3 days ago
4402	48805	UINT16	R/O	Tank3 Temp 4 days ago
4403	48807	UINT16	R/O	Tank3 Temp 5 days ago
4404	48809	UINT16	R/O	Tank3 Temp 6 days ago
4405	48811	UINT16	R/O	Tank3 Temp 7 days ago
4410	48821	UINT16	R/W	Tank 4 Sensor Type
4411	48823	Float	R/W	Tank 4 flt1 Hi Limit
4412	48825	Float	R/W	Tank 4 flt1 Lo Limit
4413	48827	UINT16	R/W	Tank 4 flt1 Hi Action
4414	48829	UINT16	R/W	Tank 4 flt1 Lo Action
4415	48831	Float	R/W	Tank 4 flt1 HiHi Limit
4416	48833	Float	R/W	Tank 4 flt1 LoLo Limit
4417	48835	UINT16	R/W	Tank 4 flt1 HiHi Action
4418	48837	UINT16	R/W	Tank 4 flt1 LoLo Action
4420	48841	Float	R/W	Tank 4 Level 1 Offset

4421	48843	Float	R/W	Tank 4 Level 2 Offset
4422	48845	UINT16	R/W	Tank 4 ID
4423	48847	Float	R/W	Tank 4 flt2 Hi Limit
4424	48849	Float	R/W	Tank 4 flt2 Lo Limit
4425	48851	UINT16	R/W	Tank 4 flt2 Hi Action
4426	48853	UINT16	R/W	Tank 4 flt2 Lo Action
4427	48855	Float	R/W	Tank 4 flt2 HiHi Limit
4428	48857	Float	R/W	Tank 4 flt2 LoLo Limit
4429	48859	UINT16	R/W	Tank 4 flt2 HiHi Action
4430	48861	UINT16	R/W	Tank 4 flt2 LoLo Action
4431	48863	UINT16	R/O	Tank 4 Floats Detected
4432	48865	UINT16	R/W	Tank 4 Clr ComStats
4433	48867	UINT16	R/O	Tank 4 Polls Sent
4434	48869	UINT16	R/O	Tank 4 No Replies
4435	48871	UINT16	R/O	Tank 4 Err in Reply
4440	48881	Float	R/O	Tank4 Current flt1 lvl
4441	48883	Float	R/O	Tank4 flt1 lvl 1 hrs ago
4442	48885	Float	R/O	Tank4 flt1 lvl 2 hrs ago
4443	48887	Float	R/O	Tank4 flt1 lvl 3 hrs ago
4444	48889	Float	R/O	Tank4 flt1 lvl 4 hrs ago
4445	48891	Float	R/O	Tank4 flt1 lvl 5 hrs ago
4446	48893	Float	R/O	Tank4 flt1 lvl 6 hrs ago
4447	48895	Float	R/O	Tank4 flt1 lvl 7 hrs ago
4448	48897	Float	R/O	Tank4 flt1 lvl 8 hrs ago
4449	48899	Float	R/O	Tank4 flt1 lvl 9 hrs ago
4450	48901	Float	R/O	Tank4 flt1 lvl 10 hrs ago
4451	48903	Float	R/O	Tank4 flt1 lvl 11 hrs ago
4452	48905	Float	R/O	Tank4 flt1 lvl 12 hrs ago
4453	48907	Float	R/O	Tank4 flt1 lvl 13 hrs ago
4454	48909	Float	R/O	Tank4 flt1 lvl 14 hrs ago
4455	48911	Float	R/O	Tank4 flt1 lvl 15 hrs ago
4456	48913	Float	R/O	Tank4 flt1 lvl 16 hrs ago
4457	48915	Float	R/O	Tank4 flt1 lvl 17 hrs ago
4458	48917	Float	R/O	Tank4 flt1 lvl 18 hrs ago
4459	48919	Float	R/O	Tank4 flt1 lvl 19 hrs ago
4460	48921	Float	R/O	Tank4 flt1 lvl 20 hrs ago
4461	48923	Float	R/O	Tank4 flt1 lvl 21 hrs ago
4462	48925	Float	R/O	Tank4 flt1 lvl 22 hrs ago
4463	48927	Float	R/O	Tank4 flt1 lvl 23 hrs ago
4464	48929	Float	R/O	Tank4 Current flt2 lvl

4465	48931	Float	R/O	Tank4 flt2 lvl 1 hrs ago
4466	48933	Float	R/O	Tank4 flt2 lvl 2 hrs ago
4467	48935	Float	R/O	Tank4 flt2 lvl 3 hrs ago
4468	48937	Float	R/O	Tank4 flt2 lvl 4 hrs ago
4469	48939	Float	R/O	Tank4 flt2 lvl 5 hrs ago
4470	48941	Float	R/O	Tank4 flt2 lvl 6 hrs ago
4471	48943	Float	R/O	Tank4 flt2 lvl 7 hrs ago
4472	48945	Float	R/O	Tank4 flt2 lvl 8 hrs ago
4473	48947	Float	R/O	Tank4 flt2 lvl 9 hrs ago
4474	48949	Float	R/O	Tank4 flt2 lvl 10 hrs ago
4475	48951	Float	R/O	Tank4 flt2 lvl 11 hrs ago
4476	48953	Float	R/O	Tank4 flt2 lvl 12 hrs ago
4477	48955	Float	R/O	Tank4 flt2 lvl 13 hrs ago
4478	48957	Float	R/O	Tank4 flt2 lvl 14 hrs ago
4479	48959	Float	R/O	Tank4 flt2 lvl 15 hrs ago
4480	48961	Float	R/O	Tank4 flt2 lvl 16 hrs ago
4481	48963	Float	R/O	Tank4 flt2 lvl 17 hrs ago
4482	48965	Float	R/O	Tank4 flt2 lvl 18 hrs ago
4483	48967	Float	R/O	Tank4 flt2 lvl 19 hrs ago
4484	48969	Float	R/O	Tank4 flt2 lvl 20 hrs ago
4485	48971	Float	R/O	Tank4 flt2 lvl 21 hrs ago
4486	48973	Float	R/O	Tank4 flt2 lvl 22 hrs ago
4487	48975	Float	R/O	Tank4 flt2 lvl 23 hrs ago
4488	48977	UINT16	R/O	Tank4 Current Temp
4489	48979	UINT16	R/O	Tank4 Temp 1 hrs ago
4490	48981	UINT16	R/O	Tank4 Temp 2 hrs ago
4491	48983	UINT16	R/O	Tank4 Temp 3 hrs ago
4492	48985	UINT16	R/O	Tank4 Temp 4 hrs ago
4493	48987	UINT16	R/O	Tank4 Temp 5 hrs ago
4494	48989	UINT16	R/O	Tank4 Temp 6 hrs ago
4495	48991	UINT16	R/O	Tank4 Temp 7 hrs ago
4496	48993	UINT16	R/O	Tank4 Temp 8 hrs ago
4497	48995	UINT16	R/O	Tank4 Temp 9 hrs ago
4498	48997	UINT16	R/O	Tank4 Temp 10 hrs ago
4499	48999	UINT16	R/O	Tank4 Temp 11 hrs ago
4500	49001	UINT16	R/O	Tank4 Temp 12 hrs ago
4501	49003	UINT16	R/O	Tank4 Temp 13 hrs ago
4502	49005	UINT16	R/O	Tank4 Temp 14 hrs ago
4503	49007	UINT16	R/O	Tank4 Temp 15 hrs ago
4504	49009	UINT16	R/O	Tank4 Temp 16 hrs ago

4505	49011	UINT16	R/O	Tank4 Temp 17 hrs ago
4506	49013	UINT16	R/O	Tank4 Temp 18 hrs ago
4507	49015	UINT16	R/O	Tank4 Temp 19 hrs ago
4508	49017	UINT16	R/O	Tank4 Temp 20 hrs ago
4509	49019	UINT16	R/O	Tank4 Temp 21 hrs ago
4510	49021	UINT16	R/O	Tank4 Temp 22 hrs ago
4511	49023	UINT16	R/O	Tank4 Temp 23 hrs ago
4512	49025	Float	R/O	Tank4 Current day flt1 lvl
4513	49027	Float	R/O	Tank4 flt1 lvl 1 days ago
4514	49029	Float	R/O	Tank4 flt1 lvl 2 days ago
4515	49031	Float	R/O	Tank4 flt1 lvl 3 days ago
4516	49033	Float	R/O	Tank4 flt1 lvl 4 days ago
4517	49035	Float	R/O	Tank4 flt1 lvl 5 days ago
4518	49037	Float	R/O	Tank4 flt1 lvl 6 days ago
4519	49039	Float	R/O	Tank4 flt1 lvl 7 days ago
4520	49041	Float	R/O	Tank4 Current day flt2 lvl
4521	49043	Float	R/O	Tank4 flt2 lvl 1 days ago
4522	49045	Float	R/O	Tank4 flt2 lvl 2 days ago
4523	49047	Float	R/O	Tank4 flt2 lvl 3 days ago
4524	49049	Float	R/O	Tank4 flt2 lvl 4 days ago
4525	49051	Float	R/O	Tank4 flt2 lvl 5 days ago
4526	49053	Float	R/O	Tank4 flt2 lvl 6 days ago
4527	49055	Float	R/O	Tank4 flt2 lvl 7 days ago
4528	49057	UINT16	R/O	Tank4 Current Temp
4529	49059	UINT16	R/O	Tank4 Temp 1 days ago
4530	49061	UINT16	R/O	Tank4 Temp 2 days ago
4531	49063	UINT16	R/O	Tank4 Temp 3 days ago
4532	49065	UINT16	R/O	Tank4 Temp 4 days ago
4533	49067	UINT16	R/O	Tank4 Temp 5 days ago
4534	49069	UINT16	R/O	Tank4 Temp 6 days ago
4535	49071	UINT16	R/O	Tank4 Temp 7 days ago
4540	49081	UINT16	R/W	Tank 5 Sensor Type
4541	49083	Float	R/W	Tank 5 flt1 Hi Limit
4542	49085	Float	R/W	Tank 5 flt1 Lo Limit
4543	49087	UINT16	R/W	Tank 5 flt1 Hi Action
4544	49089	UINT16	R/W	Tank 5 flt1 Lo Action
4545	49091	Float	R/W	Tank 5 flt1 HiHi Limit
4546	49093	Float	R/W	Tank 5 flt1 LoLo Limit
4547	49095	UINT16	R/W	Tank 5 flt1 HiHi Action
4548	49097	UINT16	R/W	Tank 5 flt1 LoLo Action

4550	49101	Float	R/W	Tank 5 Level 1 Offset
4551	49103	Float	R/W	Tank 5 Level 2 Offset
4552	49105	UINT16	R/W	Tank 5 ID
4553	49107	Float	R/W	Tank 5 flt2 Hi Limit
4554	49109	Float	R/W	Tank 5 flt2 Lo Limit
4555	49111	UINT16	R/W	Tank 5 flt2 Hi Action
4556	49113	UINT16	R/W	Tank 5 flt2 Lo Action
4557	49115	Float	R/W	Tank 5 flt2 HiHi Limit
4558	49117	Float	R/W	Tank 5 flt2 LoLo Limit
4559	49119	UINT16	R/W	Tank 5 flt2 HiHi Action
4560	49121	UINT16	R/W	Tank 5 flt2 LoLo Action
4561	49123	UINT16	R/O	Tank 5 Floats Detected
4562	49125	UINT16	R/W	Tank 5 Clr ComStats
4563	49127	UINT16	R/O	Tank 5 Polls Sent
4564	49129	UINT16	R/O	Tank 5 No Replies
4565	49131	UINT16	R/O	Tank 5 Err in Reply
4570	49141	Float	R/O	Tank5 Current flt1 lvl
4571	49143	Float	R/O	Tank5 flt1 lvl 1 hrs ago
4572	49145	Float	R/O	Tank5 flt1 lvl 2 hrs ago
4573	49147	Float	R/O	Tank5 flt1 lvl 3 hrs ago
4574	49149	Float	R/O	Tank5 flt1 lvl 4 hrs ago
4575	49151	Float	R/O	Tank5 flt1 lvl 5 hrs ago
4576	49153	Float	R/O	Tank5 flt1 lvl 6 hrs ago
4577	49155	Float	R/O	Tank5 flt1 lvl 7 hrs ago
4578	49157	Float	R/O	Tank5 flt1 lvl 8 hrs ago
4579	49159	Float	R/O	Tank5 flt1 lvl 9 hrs ago
4580	49161	Float	R/O	Tank5 flt1 lvl 10 hrs ago
4581	49163	Float	R/O	Tank5 flt1 lvl 11 hrs ago
4582	49165	Float	R/O	Tank5 flt1 lvl 12 hrs ago
4583	49167	Float	R/O	Tank5 flt1 lvl 13 hrs ago
4584	49169	Float	R/O	Tank5 flt1 lvl 14 hrs ago
4585	49171	Float	R/O	Tank5 flt1 lvl 15 hrs ago
4586	49173	Float	R/O	Tank5 flt1 lvl 16 hrs ago
4587	49175	Float	R/O	Tank5 flt1 lvl 17 hrs ago
4588	49177	Float	R/O	Tank5 flt1 lvl 18 hrs ago
4589	49179	Float	R/O	Tank5 flt1 lvl 19 hrs ago
4590	49181	Float	R/O	Tank5 flt1 lvl 20 hrs ago
4591	49183	Float	R/O	Tank5 flt1 lvl 21 hrs ago
4592	49185	Float	R/O	Tank5 flt1 lvl 22 hrs ago
4593	49187	Float	R/O	Tank5 flt1 lvl 23 hrs ago

4594	49189	Float	R/O	Tank5 Current flt2 lvl
4595	49191	Float	R/O	Tank5 flt2 lvl 1 hrs ago
4596	49193	Float	R/O	Tank5 flt2 lvl 2 hrs ago
4597	49195	Float	R/O	Tank5 flt2 lvl 3 hrs ago
4598	49197	Float	R/O	Tank5 flt2 lvl 4 hrs ago
4599	49199	Float	R/O	Tank5 flt2 lvl 5 hrs ago
4600	49201	Float	R/O	Tank5 flt2 lvl 6 hrs ago
4601	49203	Float	R/O	Tank5 flt2 lvl 7 hrs ago
4602	49205	Float	R/O	Tank5 flt2 lvl 8 hrs ago
4603	49207	Float	R/O	Tank5 flt2 lvl 9 hrs ago
4604	49209	Float	R/O	Tank5 flt2 lvl 10 hrs ago
4605	49211	Float	R/O	Tank5 flt2 lvl 11 hrs ago
4606	49213	Float	R/O	Tank5 flt2 lvl 12 hrs ago
4607	49215	Float	R/O	Tank5 flt2 lvl 13 hrs ago
4608	49217	Float	R/O	Tank5 flt2 lvl 14 hrs ago
4609	49219	Float	R/O	Tank5 flt2 lvl 15 hrs ago
4610	49221	Float	R/O	Tank5 flt2 lvl 16 hrs ago
4611	49223	Float	R/O	Tank5 flt2 lvl 17 hrs ago
4612	49225	Float	R/O	Tank5 flt2 lvl 18 hrs ago
4613	49227	Float	R/O	Tank5 flt2 lvl 19 hrs ago
4614	49229	Float	R/O	Tank5 flt2 lvl 20 hrs ago
4615	49231	Float	R/O	Tank5 flt2 lvl 21 hrs ago
4616	49233	Float	R/O	Tank5 flt2 lvl 22 hrs ago
4617	49235	Float	R/O	Tank5 flt2 lvl 23 hrs ago
4618	49237	UINT16	R/O	Tank5 Current Temp
4619	49239	UINT16	R/O	Tank5 Temp 1 hrs ago
4620	49241	UINT16	R/O	Tank5 Temp 2 hrs ago
4621	49243	UINT16	R/O	Tank5 Temp 3 hrs ago
4622	49245	UINT16	R/O	Tank5 Temp 4 hrs ago
4623	49247	UINT16	R/O	Tank5 Temp 5 hrs ago
4624	49249	UINT16	R/O	Tank5 Temp 6 hrs ago
4625	49251	UINT16	R/O	Tank5 Temp 7 hrs ago
4626	49253	UINT16	R/O	Tank5 Temp 8 hrs ago
4627	49255	UINT16	R/O	Tank5 Temp 9 hrs ago
4628	49257	UINT16	R/O	Tank5 Temp 10 hrs ago
4629	49259	UINT16	R/O	Tank5 Temp 11 hrs ago
4630	49261	UINT16	R/O	Tank5 Temp 12 hrs ago
4631	49263	UINT16	R/O	Tank5 Temp 13 hrs ago
4632	49265	UINT16	R/O	Tank5 Temp 14 hrs ago
4633	49267	UINT16	R/O	Tank5 Temp 15 hrs ago

4634	49269	UINT16	R/O	Tank5 Temp 16 hrs ago
4635	49271	UINT16	R/O	Tank5 Temp 17 hrs ago
4636	49273	UINT16	R/O	Tank5 Temp 18 hrs ago
4637	49275	UINT16	R/O	Tank5 Temp 19 hrs ago
4638	49277	UINT16	R/O	Tank5 Temp 20 hrs ago
4639	49279	UINT16	R/O	Tank5 Temp 21 hrs ago
4640	49281	UINT16	R/O	Tank5 Temp 22 hrs ago
4641	49283	UINT16	R/O	Tank5 Temp 23 hrs ago
4642	49285	Float	R/O	Tank5 Current day flt1 lvl
4643	49287	Float	R/O	Tank5 flt1 lvl 1 days ago
4644	49289	Float	R/O	Tank5 flt1 lvl 2 days ago
4645	49291	Float	R/O	Tank5 flt1 lvl 3 days ago
4646	49293	Float	R/O	Tank5 flt1 lvl 4 days ago
4647	49295	Float	R/O	Tank5 flt1 lvl 5 days ago
4648	49297	Float	R/O	Tank5 flt1 lvl 6 days ago
4649	49299	Float	R/O	Tank5 flt1 lvl 7 days ago
4650	49301	Float	R/O	Tank5 Current day flt2 lvl
4651	49303	Float	R/O	Tank5 flt2 lvl 1 days ago
4652	49305	Float	R/O	Tank5 flt2 lvl 2 days ago
4653	49307	Float	R/O	Tank5 flt2 lvl 3 days ago
4654	49309	Float	R/O	Tank5 flt2 lvl 4 days ago
4655	49311	Float	R/O	Tank5 flt2 lvl 5 days ago
4656	49313	Float	R/O	Tank5 flt2 lvl 6 days ago
4657	49315	Float	R/O	Tank5 flt2 lvl 7 days ago
4658	49317	UINT16	R/O	Tank5 Current Temp
4659	49319	UINT16	R/O	Tank5 Temp 1 days ago
4660	49321	UINT16	R/O	Tank5 Temp 2 days ago
4661	49323	UINT16	R/O	Tank5 Temp 3 days ago
4662	49325	UINT16	R/O	Tank5 Temp 4 days ago
4663	49327	UINT16	R/O	Tank5 Temp 5 days ago
4664	49329	UINT16	R/O	Tank5 Temp 6 days ago
4665	49331	UINT16	R/O	Tank5 Temp 7 days ago
4670	49341	UINT16	R/W	Tank 6 Sensor Type
4671	49343	Float	R/W	Tank 6 flt1 Hi Limit
4672	49345	Float	R/W	Tank 6 flt1 Lo Limit
4673	49347	UINT16	R/W	Tank 6 flt1 Hi Action
4674	49349	UINT16	R/W	Tank 6 flt1 Lo Action
4675	49351	Float	R/W	Tank 6 flt1 HiHi Limit
4676	49353	Float	R/W	Tank 6 flt1 LoLo Limit
4677	49355	UINT16	R/W	Tank 6 flt1 HiHi Action

4678	49357	UINT16	R/W	Tank 6 flt1 LoLo Action
4680	49361	Float	R/W	Tank 6 Level 1 Offset
4681	49363	Float	R/W	Tank 6 Level 2 Offset
4682	49365	UINT16	R/W	Tank 6 ID
4683	49367	Float	R/W	Tank 6 flt2 Hi Limit
4684	49369	Float	R/W	Tank 6 flt2 Lo Limit
4685	49371	UINT16	R/W	Tank 6 flt2 Hi Action
4686	49373	UINT16	R/W	Tank 6 flt2 Lo Action
4687	49375	Float	R/W	Tank 6 flt2 HiHi Limit
4688	49377	Float	R/W	Tank 6 flt2 LoLo Limit
4689	49379	UINT16	R/W	Tank 6 flt2 HiHi Action
4690	49381	UINT16	R/W	Tank 6 flt2 LoLo Action
4691	49383	UINT16	R/O	Tank 6 Floats Detected
4692	49385	UINT16	R/W	Tank 6 Clr ComStats
4693	49387	UINT16	R/O	Tank 6 Polls Sent
4694	49389	UINT16	R/O	Tank 6 No Replies
4695	49391	UINT16	R/O	Tank 6 Err in Reply
4700	49401	Float	R/O	Tank6 Current flt1 lvl
4701	49403	Float	R/O	Tank6 flt1 lvl 1 hrs ago
4702	49405	Float	R/O	Tank6 flt1 lvl 2 hrs ago
4703	49407	Float	R/O	Tank6 flt1 lvl 3 hrs ago
4704	49409	Float	R/O	Tank6 flt1 lvl 4 hrs ago
4705	49411	Float	R/O	Tank6 flt1 lvl 5 hrs ago
4706	49413	Float	R/O	Tank6 flt1 lvl 6 hrs ago
4707	49415	Float	R/O	Tank6 flt1 lvl 7 hrs ago
4708	49417	Float	R/O	Tank6 flt1 lvl 8 hrs ago
4709	49419	Float	R/O	Tank6 flt1 lvl 9 hrs ago
4710	49421	Float	R/O	Tank6 flt1 lvl 10 hrs ago
4711	49423	Float	R/O	Tank6 flt1 lvl 11 hrs ago
4712	49425	Float	R/O	Tank6 flt1 lvl 12 hrs ago
4713	49427	Float	R/O	Tank6 flt1 lvl 13 hrs ago
4714	49429	Float	R/O	Tank6 flt1 lvl 14 hrs ago
4715	49431	Float	R/O	Tank6 flt1 lvl 15 hrs ago
4716	49433	Float	R/O	Tank6 flt1 lvl 16 hrs ago
4717	49435	Float	R/O	Tank6 flt1 lvl 17 hrs ago
4718	49437	Float	R/O	Tank6 flt1 lvl 18 hrs ago
4719	49439	Float	R/O	Tank6 flt1 lvl 19 hrs ago
4720	49441	Float	R/O	Tank6 flt1 lvl 20 hrs ago
4721	49443	Float	R/O	Tank6 flt1 lvl 21 hrs ago
4722	49445	Float	R/O	Tank6 flt1 lvl 22 hrs ago

4723	49447	Float	R/O	Tank6 flt1 lvl 23 hrs ago
4724	49449	Float	R/O	Tank6 Current flt2 lvl
4725	49451	Float	R/O	Tank6 flt2 lvl 1 hrs ago
4726	49453	Float	R/O	Tank6 flt2 lvl 2 hrs ago
4727	49455	Float	R/O	Tank6 flt2 lvl 3 hrs ago
4728	49457	Float	R/O	Tank6 flt2 lvl 4 hrs ago
4729	49459	Float	R/O	Tank6 flt2 lvl 5 hrs ago
4730	49461	Float	R/O	Tank6 flt2 lvl 6 hrs ago
4731	49463	Float	R/O	Tank6 flt2 lvl 7 hrs ago
4732	49465	Float	R/O	Tank6 flt2 lvl 8 hrs ago
4733	49467	Float	R/O	Tank6 flt2 lvl 9 hrs ago
4734	49469	Float	R/O	Tank6 flt2 lvl 10 hrs ago
4735	49471	Float	R/O	Tank6 flt2 lvl 11 hrs ago
4736	49473	Float	R/O	Tank6 flt2 lvl 12 hrs ago
4737	49475	Float	R/O	Tank6 flt2 lvl 13 hrs ago
4738	49477	Float	R/O	Tank6 flt2 lvl 14 hrs ago
4739	49479	Float	R/O	Tank6 flt2 lvl 15 hrs ago
4740	49481	Float	R/O	Tank6 flt2 lvl 16 hrs ago
4741	49483	Float	R/O	Tank6 flt2 lvl 17 hrs ago
4742	49485	Float	R/O	Tank6 flt2 lvl 18 hrs ago
4743	49487	Float	R/O	Tank6 flt2 lvl 19 hrs ago
4744	49489	Float	R/O	Tank6 flt2 lvl 20 hrs ago
4745	49491	Float	R/O	Tank6 flt2 lvl 21 hrs ago
4746	49493	Float	R/O	Tank6 flt2 lvl 22 hrs ago
4747	49495	Float	R/O	Tank6 flt2 lvl 23 hrs ago
4748	49497	UINT16	R/O	Tank6 Current Temp
4749	49499	UINT16	R/O	Tank6 Temp 1 hrs ago
4750	49501	UINT16	R/O	Tank6 Temp 2 hrs ago
4751	49503	UINT16	R/O	Tank6 Temp 3 hrs ago
4752	49505	UINT16	R/O	Tank6 Temp 4 hrs ago
4753	49507	UINT16	R/O	Tank6 Temp 5 hrs ago
4754	49509	UINT16	R/O	Tank6 Temp 6 hrs ago
4755	49511	UINT16	R/O	Tank6 Temp 7 hrs ago
4756	49513	UINT16	R/O	Tank6 Temp 8 hrs ago
4757	49515	UINT16	R/O	Tank6 Temp 9 hrs ago
4758	49517	UINT16	R/O	Tank6 Temp 10 hrs ago
4759	49519	UINT16	R/O	Tank6 Temp 11 hrs ago
4760	49521	UINT16	R/O	Tank6 Temp 12 hrs ago
4761	49523	UINT16	R/O	Tank6 Temp 13 hrs ago
4762	49525	UINT16	R/O	Tank6 Temp 14 hrs ago

4763	49527	UINT16	R/O	Tank6 Temp 15 hrs ago
4764	49529	UINT16	R/O	Tank6 Temp 16 hrs ago
4765	49531	UINT16	R/O	Tank6 Temp 17 hrs ago
4766	49533	UINT16	R/O	Tank6 Temp 18 hrs ago
4767	49535	UINT16	R/O	Tank6 Temp 19 hrs ago
4768	49537	UINT16	R/O	Tank6 Temp 20 hrs ago
4769	49539	UINT16	R/O	Tank6 Temp 21 hrs ago
4770	49541	UINT16	R/O	Tank6 Temp 22 hrs ago
4771	49543	UINT16	R/O	Tank6 Temp 23 hrs ago
4772	49545	Float	R/O	Tank6 Current day flt1 lvl
4773	49547	Float	R/O	Tank6 flt1 lvl 1 days ago
4774	49549	Float	R/O	Tank6 flt1 lvl 2 days ago
4775	49551	Float	R/O	Tank6 flt1 lvl 3 days ago
4776	49553	Float	R/O	Tank6 flt1 lvl 4 days ago
4777	49555	Float	R/O	Tank6 flt1 lvl 5 days ago
4778	49557	Float	R/O	Tank6 flt1 lvl 6 days ago
4779	49559	Float	R/O	Tank6 flt1 lvl 7 days ago
4780	49561	Float	R/O	Tank6 Current day flt2 lvl
4781	49563	Float	R/O	Tank6 flt2 lvl 1 days ago
4782	49565	Float	R/O	Tank6 flt2 lvl 2 days ago
4783	49567	Float	R/O	Tank6 flt2 lvl 3 days ago
4784	49569	Float	R/O	Tank6 flt2 lvl 4 days ago
4785	49571	Float	R/O	Tank6 flt2 lvl 5 days ago
4786	49573	Float	R/O	Tank6 flt2 lvl 6 days ago
4787	49575	Float	R/O	Tank6 flt2 lvl 7 days ago
4788	49577	UINT16	R/O	Tank6 Current Temp
4789	49579	UINT16	R/O	Tank6 Temp 1 days ago
4790	49581	UINT16	R/O	Tank6 Temp 2 days ago
4791	49583	UINT16	R/O	Tank6 Temp 3 days ago
4792	49585	UINT16	R/O	Tank6 Temp 4 days ago
4793	49587	UINT16	R/O	Tank6 Temp 5 days ago
4794	49589	UINT16	R/O	Tank6 Temp 6 days ago
4795	49591	UINT16	R/O	Tank6 Temp 7 days ago
4900	49801	UINT16	R/W	8500/MB Serial Port
4901	49803	UINT16	R/W	MBS Serial Port
4902	49805	UINT16	R/W	8500/MB Host2 Port
4903	49807	UINT16	R/W	Tank Serial Port
4904	49809	UINT16	R/W	FCU Serial Port
4905	49811	UINT16	R/W	8500/MB Host3 Port
4906	49813	UINT16	R/W	8500/MB Host4 Port

4920	49841	UINT16	R/W	Modbus Card Report Type
4921	49843	UINT16	R/W	Modbus Card Event ID
4922	49845	UINT16	R/W	Modbus Card Card Size
4923	49847	UINT16	R/W	Modbus Card Card Source
4924	49849	UINT16	R/W	Modbus Card Number of Cards
4925	49851	UINT16	R/W	Modbus Card Card Number
4926	49853	UINT16	R/W	Modbus Card Event Filter
4927	49855	UINT16	R/W	Modbus Card DH Signed Flag
4928	49857	UINT16	R/W	Modbus Card Legacy
5000	410001	UINT16	R/W	Tnk Scn Mask Select
5001	410003	UINT16	R/W	Tnk Scn Retries
5002	410005	UINT16	R/W	Tnk Scn Retry Delay
5003	410007	UINT16	R/W	Tnk Scn Scan Delay
5004	410009	UINT16	R/W	Tnk Scn Cycle Delay
5005	410011	UINT16	R/W	Tnk Scn Auto Refresh
5010	410021	UINT16	R/W	Tnk1 Data Blk1 Access
5011	410023	UINT16	R/W	Tnk1 Data Blk1 Device
5012	410025	UINT16	R/W	Tnk1 Data Blk1 Start Reg
5013	410027	UINT16	R/W	Tnk1 Data Blk1 Quantity
5014	410029	UINT16	R/W	Tnk1 Data Blk1 DB Idx
5015	410031	UINT16	R/W	Tnk1 Errors Blk2 Access
5016	410033	UINT16	R/W	Tnk1 Errors Blk2 Device
5017	410035	UINT16	R/W	Tnk1 Errors Blk2 Start Reg
5018	410037	UINT16	R/W	Tnk1 Errors Blk2 Quantity
5019	410039	UINT16	R/W	Tnk1 Errors Blk2 DB Idx
5020	410041	UINT16	R/W	Tnk2 Data Blk3 Access
5021	410043	UINT16	R/W	Tnk2 Data Blk3 Device
5022	410045	UINT16	R/W	Tnk2 Data Blk3 Start Reg
5023	410047	UINT16	R/W	Tnk2 Data Blk3 Quantity
5024	410049	UINT16	R/W	Tnk2 Data Blk3 DB Idx
5025	410051	UINT16	R/W	Tnk2 Errors Blk4 Access
5026	410053	UINT16	R/W	Tnk2 Errors Blk4 Device
5027	410055	UINT16	R/W	Tnk2 Errors Blk4 Start Reg
5028	410057	UINT16	R/W	Tnk2 Errors Blk4 Quantity
5029	410059	UINT16	R/W	Tnk2 Errors Blk4 DB Idx
5030	410061	UINT16	R/W	Tnk3 Data Blk5 Access
5031	410063	UINT16	R/W	Tnk3 Data Blk5 Device
5032	410065	UINT16	R/W	Tnk3 Data Blk5 Start Reg
5033	410067	UINT16	R/W	Tnk3 Data Blk5 Quantity
5034	410069	UINT16	R/W	Tnk3 Data Blk5 DB Idx

5035	410071	UINT16	R/W	Tnk3 Errors Blk6 Access
5036	410073	UINT16	R/W	Tnk3 Errors Blk6 Device
5037	410075	UINT16	R/W	Tnk3 Errors Blk6 Start Reg
5038	410077	UINT16	R/W	Tnk3 Errors Blk6 Quantity
5039	410079	UINT16	R/W	Tnk3 Errors Blk6 DB Idx
5040	410081	UINT16	R/W	Tnk4 Data Blk7 Access
5041	410083	UINT16	R/W	Tnk4 Data Blk7 Device
5042	410085	UINT16	R/W	Tnk4 Data Blk7 Start Reg
5043	410087	UINT16	R/W	Tnk4 Data Blk7 Quantity
5044	410089	UINT16	R/W	Tnk4 Data Blk7 DB Idx
5045	410091	UINT16	R/W	Tnk4 Errors Blk8 Access
5046	410093	UINT16	R/W	Tnk4 Errors Blk8 Device
5047	410095	UINT16	R/W	Tnk4 Errors Blk8 Start Reg
5048	410097	UINT16	R/W	Tnk4 Errors Blk8 Quantity
5049	410099	UINT16	R/W	Tnk4 Errors Blk8 DB Idx
5050	410101	UINT16	R/W	Tnk5 Data Blk9 Access
5051	410103	UINT16	R/W	Tnk5 Data Blk9 Device
5052	410105	UINT16	R/W	Tnk5 Data Blk9 Start Reg
5053	410107	UINT16	R/W	Tnk5 Data Blk9 Quantity
5054	410109	UINT16	R/W	Tnk5 Data Blk9 DB Idx
5055	410111	UINT16	R/W	Tnk5 Errors Blk10 Access
5056	410113	UINT16	R/W	Tnk5 Errors Blk10 Device
5057	410115	UINT16	R/W	Tnk5 Errors Blk10 Start Reg
5058	410117	UINT16	R/W	Tnk5 Errors Blk10 Quantity
5059	410119	UINT16	R/W	Tnk5 Errors Blk10 DB Idx
5060	410121	UINT16	R/W	Tnk6 Data Blk11 Access
5061	410123	UINT16	R/W	Tnk6 Data Blk11 Device
5062	410125	UINT16	R/W	Tnk6 Data Blk11 Start Reg
5063	410127	UINT16	R/W	Tnk6 Data Blk11 Quantity
5064	410129	UINT16	R/W	Tnk6 Data Blk11 DB Idx
5065	410131	UINT16	R/W	Tnk6 Errors Blk12 Access
5066	410133	UINT16	R/W	Tnk6 Errors Blk12 Device
5067	410135	UINT16	R/W	Tnk6 Errors Blk12 Start Reg
5068	410137	UINT16	R/W	Tnk6 Errors Blk12 Quantity
5069	410139	UINT16	R/W	Tnk6 Errors Blk12 DB Idx
5070	410141	UINT16	R/W	Spare Blk13 Access
5071	410143	UINT16	R/W	Spare Blk13 Device
5072	410145	UINT16	R/W	Spare Blk13 Start Reg
5073	410147	UINT16	R/W	Spare Blk13 Quantity
5074	410149	UINT16	R/W	Spare Blk13 DB Idx

5075	410151	UINT16	R/W	Spare Blk14 Access
5076	410153	UINT16	R/W	Spare Blk14 Device
5077	410155	UINT16	R/W	Spare Blk14 Start Reg
5078	410157	UINT16	R/W	Spare Blk14 Quantity
5079	410159	UINT16	R/W	Spare Blk14 DB Idx
5080	410161	UINT16	R/W	Spare Blk15 Access
5081	410163	UINT16	R/W	Spare Blk15 Device
5082	410165	UINT16	R/W	Spare Blk15 Start Reg
5083	410167	UINT16	R/W	Spare Blk15 Quantity
5084	410169	UINT16	R/W	Spare Blk15 DB Idx
5085	410171	UINT16	R/W	Spare Blk16 Access
5086	410173	UINT16	R/W	Spare Blk16 Device
5087	410175	UINT16	R/W	Spare Blk16 Start Reg
5088	410177	UINT16	R/W	Spare Blk16 Quantity
5089	410179	UINT16	R/W	Spare Blk16 DB Idx
5200	410401	UINT16	R/W	Dev1 Flags
5201	410403	UINT16	R/W	Dev1 Unit ID
5203	410407	UINT16	R/W	Dev1 RTS Delay
5204	410409	UINT16	R/W	Dev1 RTS Hold
5205	410411	UINT16	R/W	Dev1 Mx Stat/Coils
5206	410413	UINT16	R/W	Dev1 Max Analog Regs
5209	410419	UINT16	R/W	Dev1 Clr Stats
5210	410421	UINT16	R/O	Dev1 Rx Chars
5211	410423	UINT16	R/O	Dev1 Tx Chars
5212	410425	UINT16	R/O	Dev1 Rx Msgs
5213	410427	UINT16	R/O	Dev1 Tx Msgs
5214	410429	UINT16	R/O	Dev1 BadRxChars
5215	410431	UINT16	R/O	Dev1 Bad Rx Msgs
5216	410433	UINT16	R/O	Dev1 Retries
5217	410435	UINT16	R/O	Dev1 ErrorCount
5218	410437	UINT16	R/O	Dev1 Status
5220	410441	UINT16	R/W	Dev2 Flags
5221	410443	UINT16	R/W	Dev2 Unit ID
5223	410447	UINT16	R/W	Dev2 RTS Delay
5224	410449	UINT16	R/W	Dev2 RTS Hold
5225	410451	UINT16	R/W	Dev2 Mx Stat/Coils
5226	410453	UINT16	R/W	Dev2 Max Analog Regs
5229	410459	UINT16	R/W	Dev2 Clr Stats
5230	410461	UINT16	R/O	Dev2 Rx Chars
5231	410463	UINT16	R/O	Dev2 Tx Chars

5232	410465	UINT16	R/O	Dev2 Rx Msgs
5233	410467	UINT16	R/O	Dev2 Tx Msgs
5234	410469	UINT16	R/O	Dev2 BadRxChars
5235	410471	UINT16	R/O	Dev2 Bad Rx Msgs
5236	410473	UINT16	R/O	Dev2 Retries
5237	410475	UINT16	R/O	Dev2 ErrorCount
5238	410477	UINT16	R/O	Dev2 Status
5240	410481	UINT16	R/W	Dev3 Flags
5241	410483	UINT16	R/W	Dev3 Unit ID
5243	410487	UINT16	R/W	Dev3 RTS Delay
5244	410489	UINT16	R/W	Dev3 RTS Hold
5245	410491	UINT16	R/W	Dev3 Mx Stat/Coils
5246	410493	UINT16	R/W	Dev3 Max Analog Regs
5249	410499	UINT16	R/W	Dev3 Clr Stats
5250	410501	UINT16	R/O	Dev3 Rx Chars
5251	410503	UINT16	R/O	Dev3 Tx Chars
5252	410505	UINT16	R/O	Dev3 Rx Msgs
5253	410507	UINT16	R/O	Dev3 Tx Msgs
5254	410509	UINT16	R/O	Dev3 BadRxChars
5255	410511	UINT16	R/O	Dev3 Bad Rx Msgs
5256	410513	UINT16	R/O	Dev3 Retries
5257	410515	UINT16	R/O	Dev3 ErrorCount
5258	410517	UINT16	R/O	Dev3 Status
5260	410521	UINT16	R/W	Dev4 Flags
5261	410523	UINT16	R/W	Dev4 Unit ID
5263	410527	UINT16	R/W	Dev4 RTS Delay
5264	410529	UINT16	R/W	Dev4 RTS Hold
5265	410531	UINT16	R/W	Dev4 Mx Stat/Coils
5266	410533	UINT16	R/W	Dev4 Max Analog Regs
5269	410539	UINT16	R/W	Dev4 Clr Stats
5270	410541	UINT16	R/O	Dev4 Rx Chars
5271	410543	UINT16	R/O	Dev4 Tx Chars
5272	410545	UINT16	R/O	Dev4 Rx Msgs
5273	410547	UINT16	R/O	Dev4 Tx Msgs
5274	410549	UINT16	R/O	Dev4 BadRxChars
5275	410551	UINT16	R/O	Dev4 Bad Rx Msgs
5276	410553	UINT16	R/O	Dev4 Retries
5277	410555	UINT16	R/O	Dev4 ErrorCount
5278	410557	UINT16	R/O	Dev4 Status
5280	410561	UINT16	R/W	Dev5 Flags

5281	410563	UINT16	R/W	Dev5 Unit ID
5283	410567	UINT16	R/W	Dev5 RTS Delay
5284	410569	UINT16	R/W	Dev5 RTS Hold
5285	410571	UINT16	R/W	Dev5 Mx Stat/Coils
5286	410573	UINT16	R/W	Dev5 Max Analog Regs
5289	410579	UINT16	R/W	Dev5 Clr Stats
5290	410581	UINT16	R/O	Dev5 Rx Chars
5291	410583	UINT16	R/O	Dev5 Tx Chars
5292	410585	UINT16	R/O	Dev5 Rx Msgs
5293	410587	UINT16	R/O	Dev5 Tx Msgs
5294	410589	UINT16	R/O	Dev5 BadRxChars
5295	410591	UINT16	R/O	Dev5 Bad Rx Msgs
5296	410593	UINT16	R/O	Dev5 Retries
5297	410595	UINT16	R/O	Dev5 ErrorCount
5298	410597	UINT16	R/O	Dev5 Status
5300	410601	UINT16	R/W	Dev6 Flags
5301	410603	UINT16	R/W	Dev6 Unit ID
5303	410607	UINT16	R/W	Dev6 RTS Delay
5304	410609	UINT16	R/W	Dev6 RTS Hold
5305	410611	UINT16	R/W	Dev6 Mx Stat/Coils
5306	410613	UINT16	R/W	Dev6 Max Analog Regs
5309	410619	UINT16	R/W	Dev6 Clr Stats
5310	410621	UINT16	R/O	Dev6 Rx Chars
5311	410623	UINT16	R/O	Dev6 Tx Chars
5312	410625	UINT16	R/O	Dev6 Rx Msgs
5313	410627	UINT16	R/O	Dev6 Tx Msgs
5314	410629	UINT16	R/O	Dev6 BadRxChars
5315	410631	UINT16	R/O	Dev6 Bad Rx Msgs
5316	410633	UINT16	R/O	Dev6 Retries
5317	410635	UINT16	R/O	Dev6 ErrorCount
5318	410637	UINT16	R/O	Dev6 Status
5400	410801	UINT16	R/W	Rod Rotator Type
5401	410803	UINT16	R/W	Expected Strokes/Rotation
5402	410805	UINT16	R/W	Rotator Input Source
5403	410807	UINT16	R/W	Rotator Task Interval(ms)
5404	410809	UINT16	R/W	Minimum Efficiency %
5405	410811	UINT16	R/W	Min Eff% Alarm Rotations
5406	410813	UINT16	R/W	Min Eff% Alarm Action
5407	410815	UINT16	R/W	Rotator Fail Rotations
5408	410817	UINT16	R/W	Rotator Fail AlarmAction

5409	410819	UINT16	R/W	Simulated efficiency (% * 10)
5411	410823	UINT16	R/W	Clear curr. data
5415	410831	Long	R/O	Raw stroke count
5416	410833	Long	R/O	Starting stroke count
5417	410835	UINT16	R/O	Strokes since last rot.
5418	410837	UINT16	R/O	Strokes last rotation
5419	410839	UINT16	R/O	Last Rotation Efficiency%
5420	410841	UINT16	R/O	Rotations below min eff
5421	410843	Long	R/O	Failure stroke start
5422	410845	UINT16	R/O	Failure stroke count
5423	410847	Long	R/O	Today's starting strokes
5424	410849	UINT16	R/O	Today's Efficiency%
5425	410851	Long	R/O	Simulated rotations
5430	410861	UINT16	R/O	Total strokes today
5431	410863	UINT16	R/O	Total strokes yesterday
5432	410865	UINT16	R/O	Total strokes 2 days ago
5433	410867	UINT16	R/O	Total strokes 3 days ago
5434	410869	UINT16	R/O	Total strokes 4 days ago
5435	410871	UINT16	R/O	Total strokes 5 days ago
5436	410873	UINT16	R/O	Total strokes 6 days ago
5437	410875	UINT16	R/O	Total strokes 7 days ago
5438	410877	UINT16	R/O	Total strokes 8 days ago
5439	410879	UINT16	R/O	Total strokes 9 days ago
5440	410881	UINT16	R/O	Total strokes 10 days ago
5441	410883	UINT16	R/O	Total strokes 11 days ago
5442	410885	UINT16	R/O	Total strokes 12 days ago
5443	410887	UINT16	R/O	Total strokes 13 days ago
5444	410889	UINT16	R/O	Total strokes 14 days ago
5445	410891	UINT16	R/O	Total strokes 15 days ago
5446	410893	UINT16	R/O	Total strokes 16 days ago
5447	410895	UINT16	R/O	Total strokes 17 days ago
5448	410897	UINT16	R/O	Total strokes 18 days ago
5449	410899	UINT16	R/O	Total strokes 19 days ago
5450	410901	UINT16	R/O	Total strokes 20 days ago
5451	410903	UINT16	R/O	Total strokes 21 days ago
5452	410905	UINT16	R/O	Total strokes 22 days ago
5453	410907	UINT16	R/O	Total strokes 23 days ago
5454	410909	UINT16	R/O	Total strokes 24 days ago
5455	410911	UINT16	R/O	Total strokes 25 days ago
5456	410913	UINT16	R/O	Total strokes 26 days ago

5457	410915	UINT16	R/O	Total strokes 27 days ago
5458	410917	UINT16	R/O	Total strokes 28 days ago
5459	410919	UINT16	R/O	Total strokes 29 days ago
5460	410921	UINT16	R/O	Total strokes 30 days ago
5461	410923	UINT16	R/O	Rod Rotations today
5462	410925	UINT16	R/O	Rod Rotations yesterday
5463	410927	UINT16	R/O	Rod Rotations 2 days ago
5464	410929	UINT16	R/O	Rod Rotations 3 days ago
5465	410931	UINT16	R/O	Rod Rotations 4 days ago
5466	410933	UINT16	R/O	Rod Rotations 5 days ago
5467	410935	UINT16	R/O	Rod Rotations 6 days ago
5468	410937	UINT16	R/O	Rod Rotations 7 days ago
5469	410939	UINT16	R/O	Rod Rotations 8 days ago
5470	410941	UINT16	R/O	Rod Rotations 9 days ago
5471	410943	UINT16	R/O	Rod Rotations 10 days ago
5472	410945	UINT16	R/O	Rod Rotations 11 days ago
5473	410947	UINT16	R/O	Rod Rotations 12 days ago
5474	410949	UINT16	R/O	Rod Rotations 13 days ago
5475	410951	UINT16	R/O	Rod Rotations 14 days ago
5476	410953	UINT16	R/O	Rod Rotations 15 days ago
5477	410955	UINT16	R/O	Rod Rotations 16 days ago
5478	410957	UINT16	R/O	Rod Rotations 17 days ago
5479	410959	UINT16	R/O	Rod Rotations 18 days ago
5480	410961	UINT16	R/O	Rod Rotations 19 days ago
5481	410963	UINT16	R/O	Rod Rotations 20 days ago
5482	410965	UINT16	R/O	Rod Rotations 21 days ago
5483	410967	UINT16	R/O	Rod Rotations 22 days ago
5484	410969	UINT16	R/O	Rod Rotations 23 days ago
5485	410971	UINT16	R/O	Rod Rotations 24 days ago
5486	410973	UINT16	R/O	Rod Rotations 25 days ago
5487	410975	UINT16	R/O	Rod Rotations 26 days ago
5488	410977	UINT16	R/O	Rod Rotations 27 days ago
5489	410979	UINT16	R/O	Rod Rotations 28 days ago
5490	410981	UINT16	R/O	Rod Rotations 29 days ago
5491	410983	UINT16	R/O	Rod Rotations 30 days ago
5492	410985	UINT16	R/O	Rotator Efficiency today
5493	410987	UINT16	R/O	Rotator Efficiency yesterday
5494	410989	UINT16	R/O	Rotator Efficiency 2 days ago
5495	410991	UINT16	R/O	Rotator Efficiency 3 days ago
5496	410993	UINT16	R/O	Rotator Efficiency 4 days ago

5497	410995	UINT16	R/O	Rotator Efficiency 5 days ago
5498	410997	UINT16	R/O	Rotator Efficiency 6 days ago
5499	410999	UINT16	R/O	Rotator Efficiency 7 days ago
5500	411001	UINT16	R/O	Rotator Efficiency 8 days ago
5501	411003	UINT16	R/O	Rotator Efficiency 9 days ago
5502	411005	UINT16	R/O	Rotator Efficiency 10 days ago
5503	411007	UINT16	R/O	Rotator Efficiency 11 days ago
5504	411009	UINT16	R/O	Rotator Efficiency 12 days ago
5505	411011	UINT16	R/O	Rotator Efficiency 13 days ago
5506	411013	UINT16	R/O	Rotator Efficiency 14 days ago
5507	411015	UINT16	R/O	Rotator Efficiency 15 days ago
5508	411017	UINT16	R/O	Rotator Efficiency 16 days ago
5509	411019	UINT16	R/O	Rotator Efficiency 17 days ago
5510	411021	UINT16	R/O	Rotator Efficiency 18 days ago
5511	411023	UINT16	R/O	Rotator Efficiency 19 days ago
5512	411025	UINT16	R/O	Rotator Efficiency 20 days ago
5513	411027	UINT16	R/O	Rotator Efficiency 21 days ago
5514	411029	UINT16	R/O	Rotator Efficiency 22 days ago
5515	411031	UINT16	R/O	Rotator Efficiency 23 days ago
5516	411033	UINT16	R/O	Rotator Efficiency 24 days ago
5517	411035	UINT16	R/O	Rotator Efficiency 25 days ago
5518	411037	UINT16	R/O	Rotator Efficiency 26 days ago
5519	411039	UINT16	R/O	Rotator Efficiency 27 days ago
5520	411041	UINT16	R/O	Rotator Efficiency 28 days ago
5521	411043	UINT16	R/O	Rotator Efficiency 29 days ago
5522	411045	UINT16	R/O	Rotator Efficiency 30 days ago
5800	411601	UINT16	R/O	Stroke count today
5801	411603	UINT16	R/O	Stroke count yesterday
5802	411605	UINT16	R/O	Stroke count 2 days ago
5803	411607	UINT16	R/O	Stroke count 3 days ago
5804	411609	UINT16	R/O	Stroke count 4 days ago
5805	411611	UINT16	R/O	Stroke count 5 days ago
5806	411613	UINT16	R/O	Stroke count 6 days ago
5807	411615	UINT16	R/O	Stroke count 7 days ago
5808	411617	UINT16	R/O	Stroke count 8 days ago
5809	411619	UINT16	R/O	Stroke count 9 days ago
5810	411621	UINT16	R/O	Stroke count 10 days ago
5811	411623	UINT16	R/O	Stroke count 11 days ago
5812	411625	UINT16	R/O	Stroke count 12 days ago
5813	411627	UINT16	R/O	Stroke count 13 days ago

5814	411629	UINT16	R/O	Stroke count 14 days ago
5815	411631	UINT16	R/O	Stroke count 15 days ago
5816	411633	UINT16	R/O	Stroke count 16 days ago
5817	411635	UINT16	R/O	Stroke count 17 days ago
5818	411637	UINT16	R/O	Stroke count 18 days ago
5819	411639	UINT16	R/O	Stroke count 19 days ago
5820	411641	UINT16	R/O	Stroke count 20 days ago
5821	411643	UINT16	R/O	Stroke count 21 days ago
5822	411645	UINT16	R/O	Stroke count 22 days ago
5823	411647	UINT16	R/O	Stroke count 23 days ago
5824	411649	UINT16	R/O	Stroke count 24 days ago
5825	411651	UINT16	R/O	Stroke count 25 days ago
5826	411653	UINT16	R/O	Stroke count 26 days ago
5827	411655	UINT16	R/O	Stroke count 27 days ago
5828	411657	UINT16	R/O	Stroke count 28 days ago
5829	411659	UINT16	R/O	Stroke count 29 days ago
5830	411661	UINT16	R/O	Stroke count 30 days ago
5831	411663	UINT16	R/O	Stroke count 31 days ago
5832	411665	UINT16	R/O	Avg pump fillage today
5833	411667	UINT16	R/O	Avg pump fillage yesterday
5834	411669	UINT16	R/O	Avg pump fillage 2 days ago
5835	411671	UINT16	R/O	Avg pump fillage 3 days ago
5836	411673	UINT16	R/O	Avg pump fillage 4 days ago
5837	411675	UINT16	R/O	Avg pump fillage 5 days ago
5838	411677	UINT16	R/O	Avg pump fillage 6 days ago
5839	411679	UINT16	R/O	Avg pump fillage 7 days ago
5840	411681	UINT16	R/O	Avg pump fillage 8 days ago
5841	411683	UINT16	R/O	Avg pump fillage 9 days ago
5842	411685	UINT16	R/O	Avg pump fillage 10 days ago
5843	411687	UINT16	R/O	Avg pump fillage 11 days ago
5864	411729	UINT16	R/O	Stroke count 32 days ago
5865	411731	UINT16	R/O	Stroke count 33 days ago
5866	411733	UINT16	R/O	Stroke count 34 days ago
5867	411735	UINT16	R/O	Stroke count 35 days ago
5868	411737	UINT16	R/O	Stroke count 36 days ago
5869	411739	UINT16	R/O	Stroke count 37 days ago
5870	411741	UINT16	R/O	Stroke count 38 days ago
5871	411743	UINT16	R/O	Stroke count 39 days ago
5872	411745	UINT16	R/O	Stroke count 40 days ago
5873	411747	UINT16	R/O	Stroke count 41 days ago

5874	411749	UINT16	R/O	Stroke count 42 days ago
5875	411751	UINT16	R/O	Stroke count 43 days ago
5876	411753	UINT16	R/O	Stroke count 44 days ago
5877	411755	UINT16	R/O	Stroke count 45 days ago
5878	411757	UINT16	R/O	Stroke count 46 days ago
5879	411759	UINT16	R/O	Stroke count 47 days ago
5880	411761	UINT16	R/O	Stroke count 48 days ago
5881	411763	UINT16	R/O	Stroke count 49 days ago
5882	411765	UINT16	R/O	Stroke count 50 days ago
5883	411767	UINT16	R/O	Stroke count 51 days ago
5884	411769	UINT16	R/O	Stroke count 52 days ago
5885	411771	UINT16	R/O	Stroke count 53 days ago
5886	411773	UINT16	R/O	Stroke count 54 days ago
5887	411775	UINT16	R/O	Stroke count 55 days ago
5888	411777	UINT16	R/O	Stroke count 56 days ago
5889	411779	UINT16	R/O	Stroke count 57 days ago
5890	411781	UINT16	R/O	Stroke count 58 days ago
5891	411783	UINT16	R/O	Stroke count 59 days ago
5892	411785	UINT16	R/O	Stroke count 60 days ago
5896	411793	Long	R/O	Power starting value
5897	411795	Long	R/O	Regen starting value
5898	411797	Long	R/O	Power consumed today
5899	411799	Long	R/O	Regen power today
5900	411801	UINT16	R/O	Avg SPM today
5901	411803	UINT16	R/O	Avg SPM yesterday
5902	411805	UINT16	R/O	Avg SPM 2 days ago
5903	411807	UINT16	R/O	Avg SPM 3 days ago
5904	411809	UINT16	R/O	Avg SPM 4 days ago
5905	411811	UINT16	R/O	Avg SPM 5 days ago
5906	411813	UINT16	R/O	Avg SPM 6 days ago
5907	411815	UINT16	R/O	Avg SPM 7 days ago
5908	411817	UINT16	R/O	Avg SPM 8 days ago
5909	411819	UINT16	R/O	Avg SPM 9 days ago
5910	411821	UINT16	R/O	Avg SPM 10 days ago
5911	411823	UINT16	R/O	Avg SPM 11 days ago
5932	411865	Long	R/O	Power Consumed today
5933	411867	Long	R/O	Power Consumed yesterday
5934	411869	Long	R/O	Power Consumed 2 days ago
5935	411871	Long	R/O	Power Consumed 3 days ago
5936	411873	Long	R/O	Power Consumed 4 days ago

5937	411875	Long	R/O	Power Consumed 5 days ago
5938	411877	Long	R/O	Power Consumed 6 days ago
5939	411879	Long	R/O	Power Consumed 7 days ago
5940	411881	Long	R/O	Power Consumed 8 days ago
5941	411883	Long	R/O	Power Consumed 9 days ago
5942	411885	Long	R/O	Power Consumed 10 days ago
5943	411887	Long	R/O	Power Consumed 11 days ago
5964	411929	Long	R/O	Regen Power today
5965	411931	Long	R/O	Regen Power yesterday
5966	411933	Long	R/O	Regen Power 2 days ago
5967	411935	Long	R/O	Regen Power 3 days ago
5968	411937	Long	R/O	Regen Power 4 days ago
5969	411939	Long	R/O	Regen Power 5 days ago
5970	411941	Long	R/O	Regen Power 6 days ago
5971	411943	Long	R/O	Regen Power 7 days ago
5972	411945	Long	R/O	Regen Power 8 days ago
5973	411947	Long	R/O	Regen Power 9 days ago
5974	411949	Long	R/O	Regen Power 10 days ago
5975	411951	Long	R/O	Regen Power 11 days ago
6000	412001	UINT16	R/W	Activate Unconditional Alarms[0
6001	412003	UINT16	R/W	Activate Unconditional Alarms[1
6002	412005	UINT16	R/W	Activate Unconditional Alarms[2
6003	412007	UINT16	R/W	Activate Unconditional Alarms[3
6004	412009	UINT16	R/W	Activate Unconditional Alarms[4
6005	412011	UINT16	R/W	Activate Unconditional Alarms[5
6006	412013	UINT16	R/W	Activate Unconditional Alarms[6
6007	412015	UINT16	R/W	Activate Unconditional Alarms[7
6008	412017	UINT16	R/W	Activate Unconditional Alarms[8
6009	412019	UINT16	R/W	Activate Unconditional Alarms[9
6010	412021	UINT16	R/W	Activate Unconditional Alarms[1
6011	412023	UINT16	R/W	Activate Unconditional Alarms[1
6500	413001	Long	R/W	Accumulator Gauge Long
6501	413003	Long	R/O	Last Daily Recorded Long
6502	413005	UINT16	R/W	Status Screen Selection 1
6503	413007	UINT16	R/W	Status Screen Selection 2
6510	413021	UINT16	R/W	Acc#1 Type
6511	413023	UINT16	R/W	Acc#1 Source
6512	413025	UINT16	R/W	Acc#1 Prescale Value
6513	413027	Float	R/W	Acc#1 Meter Factor
6514	413029	Float	R/W	Acc#1 Override Value

6515	413031	UINT16	R/W	Acc#1 Override Enable
6516	413033	Long	R/W	Acc#1 Flow Alrm Resp. Long
6517	413035	Float	R/W	Acc#1 Flow Alrm Lo Limit
6518	413037	UINT16	R/W	Acc#1 Flow Lo Alrm Act.
6519	413039	Float	R/W	Acc#1 Flow Alrm Hi Limit
6520	413041	UINT16	R/W	Acc#1 Flow Hi Alrm Act.
6522	413045	Float	R/W	Acc#1 Vol Alrm Lo Limit
6523	413047	UINT16	R/W	Acc#1 Vol Lo Alrm Act.
6524	413049	Float	R/W	Acc#1 Vol Alrm Hi Limit
6525	413051	UINT16	R/W	Acc#1 Vol Hi Alrm Act.
6526	413053	UINT16	R/W	Acc#1 EU label
6527	413055	UINT16	R/W	Clear History
6529	413059	Long	R/O	Acc#1 Vol Alrm Countdown
6535	413071	Float	R/O	Acc#1 Flowrate
6536	413073	Float	R/O	Acc#1 Volume Today
6537	413075	Float	R/O	Acc#1 Volume Yesterday
6538	413077	Float	R/O	Acc#1 Volume 2 Days Ago
6539	413079	Float	R/O	Acc#1 Volume 3 Days Ago
6540	413081	Float	R/O	Acc#1 Volume 4 Days Ago
6541	413083	Float	R/O	Acc#1 Volume 5 Days Ago
6542	413085	Float	R/O	Acc#1 Volume 6 Days Ago
6543	413087	Float	R/O	Acc#1 Volume 7 Days Ago
6544	413089	Float	R/W	Acc#1 Master Accumulator
6545	413091	UINT16	R/W	Acc#2 Type
6546	413093	UINT16	R/W	Acc#2 Source
6547	413095	UINT16	R/W	Acc#2 Prescale Value
6548	413097	Float	R/W	Acc#2 Meter Factor
6549	413099	Float	R/W	Acc#2 Override Value
6550	413101	UINT16	R/W	Acc#2 Override Enable
6551	413103	Long	R/W	Acc#2 Flow Alrm Resp. Long
6552	413105	Float	R/W	Acc#2 Flow Alrm Lo Limit
6553	413107	UINT16	R/W	Acc#2 Flow Lo Alrm Act.
6554	413109	Float	R/W	Acc#2 Flow Alrm Hi Limit
6555	413111	UINT16	R/W	Acc#2 Flow Hi Alrm Act.
6557	413115	Float	R/W	Acc#2 Vol Alrm Lo Limit
6558	413117	UINT16	R/W	Acc#2 Vol Lo Alrm Act.
6559	413119	Float	R/W	Acc#2 Vol Alrm Hi Limit
6560	413121	UINT16	R/W	Acc#2 Vol Hi Alrm Act.
6561	413123	UINT16	R/W	Acc#2 EU label
6562	413125	UINT16	R/W	Clear History

6564	413129	Long	R/O	Acc#2 Vol Alrm Countdown
6570	413141	Float	R/O	Acc#2 Flowrate
6571	413143	Float	R/O	Acc#2 Volume Today
6572	413145	Float	R/O	Acc#2 Volume Yesterday
6573	413147	Float	R/O	Acc#2 Volume 2 Days Ago
6574	413149	Float	R/O	Acc#2 Volume 3 Days Ago
6575	413151	Float	R/O	Acc#2 Volume 4 Days Ago
6576	413153	Float	R/O	Acc#2 Volume 5 Days Ago
6577	413155	Float	R/O	Acc#2 Volume 6 Days Ago
6578	413157	Float	R/O	Acc#2 Volume 7 Days Ago
6579	413159	Float	R/W	Acc#2 Master Accumulator
6580	413161	UINT16	R/W	Acc#3 Type
6581	413163	UINT16	R/W	Acc#3 Source
6582	413165	UINT16	R/W	Acc#3 Prescale Value
6583	413167	Float	R/W	Acc#3 Meter Factor
6584	413169	Float	R/W	Acc#3 Override Value
6585	413171	UINT16	R/W	Acc#3 Override Enable
6586	413173	Long	R/W	Acc#3 Flow Alrm Resp. Long
6587	413175	Float	R/W	Acc#3 Flow Alrm Lo Limit
6588	413177	UINT16	R/W	Acc#3 Flow Lo Alrm Act.
6589	413179	Float	R/W	Acc#3 Flow Alrm Hi Limit
6590	413181	UINT16	R/W	Acc#3 Flow Hi Alrm Act.
6592	413185	Float	R/W	Acc#3 Vol Alrm Lo Limit
6593	413187	UINT16	R/W	Acc#3 Vol Lo Alrm Act.
6594	413189	Float	R/W	Acc#3 Vol Alrm Hi Limit
6595	413191	UINT16	R/W	Acc#3 Vol Hi Alrm Act.
6596	413193	UINT16	R/W	Acc#3 EU label
6597	413195	UINT16	R/W	Clear History
6599	413199	Long	R/O	Acc#3 Vol Alrm Countdown
6605	413211	Float	R/O	Acc#3 Flowrate
6606	413213	Float	R/O	Acc#3 Volume Today
6607	413215	Float	R/O	Acc#3 Volume Yesterday
6608	413217	Float	R/O	Acc#3 Volume 2 Days Ago
6609	413219	Float	R/O	Acc#3 Volume 3 Days Ago
6610	413221	Float	R/O	Acc#3 Volume 4 Days Ago
6611	413223	Float	R/O	Acc#3 Volume 5 Days Ago
6612	413225	Float	R/O	Acc#3 Volume 6 Days Ago
6613	413227	Float	R/O	Acc#3 Volume 7 Days Ago
6614	413229	Float	R/W	Acc#3 Master Accumulator
6615	413231	UINT16	R/W	Acc#4 Type

6616	413233	UINT16	R/W	Acc#4 Source
6617	413235	UINT16	R/W	Acc#4 Prescale Value
6618	413237	Float	R/W	Acc#4 Meter Factor
6619	413239	Float	R/W	Acc#4 Override Value
6620	413241	UINT16	R/W	Acc#4 Override Enable
6621	413243	Long	R/W	Acc#4 Flow Alrm Resp. Long
6622	413245	Float	R/W	Acc#4 Flow Alrm Lo Limit
6623	413247	UINT16	R/W	Acc#4 Flow Lo Alrm Act.
6624	413249	Float	R/W	Acc#4 Flow Alrm Hi Limit
6625	413251	UINT16	R/W	Acc#4 Flow Hi Alrm Act.
6627	413255	Float	R/W	Acc#4 Vol Alrm Lo Limit
6628	413257	UINT16	R/W	Acc#4 Vol Lo Alrm Act.
6629	413259	Float	R/W	Acc#4 Vol Alrm Hi Limit
6630	413261	UINT16	R/W	Acc#4 Vol Hi Alrm Act.
6631	413263	UINT16	R/W	Acc#4 EU label
6632	413265	UINT16	R/W	Clear History
6634	413269	Long	R/O	Acc#4 Vol Alrm Countdown
6640	413281	Float	R/O	Acc#4 Flowrate
6641	413283	Float	R/O	Acc#4 Volume Today
6642	413285	Float	R/O	Acc#4 Volume Yesterday
6643	413287	Float	R/O	Acc#4 Volume 2 Days Ago
6644	413289	Float	R/O	Acc#4 Volume 3 Days Ago
6645	413291	Float	R/O	Acc#4 Volume 4 Days Ago
6646	413293	Float	R/O	Acc#4 Volume 5 Days Ago
6647	413295	Float	R/O	Acc#4 Volume 6 Days Ago
6648	413297	Float	R/O	Acc#4 Volume 7 Days Ago
6649	413299	Float	R/W	Acc#4 Master Accumulator
6650	413301	UINT16	R/W	DI 7 low order counts
6651	413303	UINT16	R/W	DI 7 high order counts
6652	413305	UINT16	R/W	DI 8 low order counts
6653	413307	UINT16	R/W	DI 8 high order counts
6654	413309	UINT16	R/W	Turbine Low Order Counts
6655	413311	UINT16	R/W	Turbine High Order Counts
6660	413321	UINT16	R/O	Turbine Count Frequency
6670	413341	UINT16	R/W	Stop Location Angle
6671	413343	UINT16	R/W	Detection Count
6672	413345	Long	R/W	Search Longout
6673	413347	UINT16	R/W	Manual Idle Request
6674	413349	UINT16	R/W	Reset POS Min/Max
6680	413361	UINT16	R/O	Direction of stroke

6681	413363	UINT16	R/O	Pump Dir. Found Counter
6682	413365	UINT16	R/O	Stop Location Voltage
6683	413367	UINT16	R/O	NV Min POS Last Stroke
6684	413369	UINT16	R/O	NV Max POS Last Stroke
6685	413371	UINT16	R/O	NV Span POS Last Stroke
6690	413381	UINT16	R/O	Debug TCP Current Socket
6691	413383	UINT16	R/O	Debug TCP List Err Size
6692	413385	UINT16	R/O	Debug TCP List Size
7000	414001	UINT16	R/O	Active Alarms[0]
7001	414003	UINT16	R/O	Active Alarms[1]
7002	414005	UINT16	R/O	Active Alarms[2]
7003	414007	UINT16	R/O	Active Alarms[3]
7004	414009	UINT16	R/O	Active Alarms[4]
7005	414011	UINT16	R/O	Active Alarms[5]
7006	414013	UINT16	R/O	Active Alarms[6]
7007	414015	UINT16	R/O	Active Alarms[7]
7008	414017	UINT16	R/O	Active Alarms[8]
7009	414019	UINT16	R/O	Active Alarms[9]
7010	414021	UINT16	R/O	Active Alarms[10]
7011	414023	UINT16	R/O	Active Alarms[11]
7032	414065	UINT16	R/O	Non-Clearable Alarms[0]
7033	414067	UINT16	R/O	Non-Clearable Alarms[1]
7034	414069	UINT16	R/O	Non-Clearable Alarms[2]
7050	414101	UINT16	R/W	Enable Event Record[0]
7051	414103	UINT16	R/W	Enable Event Record[1]
7052	414105	UINT16	R/W	Enable Event Record[2]
7053	414107	UINT16	R/W	Enable Event Record[3]
7054	414109	UINT16	R/W	Enable Event Record[4]
7055	414111	UINT16	R/W	Enable Event Record[5]
7056	414113	UINT16	R/W	Enable Event Record[6]
7057	414115	UINT16	R/W	Enable Event Record[7]
7058	414117	UINT16	R/W	Enable Event Record[8]
7059	414119	UINT16	R/W	Enable Event Record[9]
7060	414121	UINT16	R/W	Enable Event Record[10]
7061	414123	UINT16	R/W	Enable Event Record[11]
7082	414165	UINT16	R/O	Accumulated Alarms[0]
7083	414167	UINT16	R/O	Accumulated Alarms[1]
7084	414169	UINT16	R/O	Accumulated Alarms[2]
7085	414171	UINT16	R/O	Accumulated Alarms[3]
7086	414173	UINT16	R/O	Accumulated Alarms[4]

7087	414175	UINT16	R/O	Accumulated Alarms[5]
7088	414177	UINT16	R/O	Accumulated Alarms[6]
7089	414179	UINT16	R/O	Accumulated Alarms[7]
7090	414181	UINT16	R/O	Accumulated Alarms[8]
7091	414183	UINT16	R/O	Accumulated Alarms[9]
7092	414185	UINT16	R/O	Accumulated Alarms[10]
7093	414187	UINT16	R/O	Accumulated Alarms[11]
7100	414201	UINT16	R/W	FCU Scan enable flag
7101	414203	Long	R/W	FCU Scan interval
7102	414205	UINT16	R/W	FCU Units
7103	414207	Long	R/W	FCU Data Longout Long
7104	414209	UINT16	R/W	FCU Serial Port
7105	414211	UINT16	R/W	FCU Rx Longout (sec)
7106	414213	UINT16	R/W	FCU Baud Rate
7107	414215	UINT16	R/W	FCU Data Bits
7108	414217	UINT16	R/W	FCU Parity
7109	414219	UINT16	R/W	FCU Stop Bits
7110	414221	UINT16	R/W	FCU Line Mode
7111	414223	UINT16	R/W	FCU RTS Delay
7112	414225	UINT16	R/W	FCU RTS Hold
7113	414227	UINT16	R/W	FCU Options
7114	414229	UINT16	R/W	FCU ACK Delay (sec)
7115	414231	Long	R/O	FCU Last Hour Long
7120	414241	UINT16	R/W	FCU 1 Type
7121	414243	UINT16	R/W	FCU 1 Modbus device #
7124	414249	Long	R/W	FCU 1 Contract Hour
7125	414251	UINT16	R/W	FCU 1 RecordCount
7126	414253	Long	R/W	FCU 1 Last scan Long
7127	414255	Long	R/W	FCU 1 Last scan Long
7128	414257	Long	R/O	FCU 1 Last Contract Long
7130	414261	UINT16	R/W	FCU 1 Clear History
7131	414263	UINT16	R/O	FCU 1 Detected type
7132	414265	UINT16	R/O	FCU 1 ErrorCount
7133	414267	UINT16	R/O	FCU 1 Polls
7134	414269	UINT16	R/O	FCU 1 Good responses
7135	414271	UINT16	R/O	FCU 1 No responses
7136	414273	UINT16	R/O	FCU 1 Bad responses
7137	414275	UINT16	R/O	FCU 1 ACK's sent
7138	414277	UINT16	R/W	FCU 1 Clear stats
7140	414281	Float	R/O	FCU 1 Current SP

7141	414283	Float	R/O	FCU 1 SP Last Hour
7142	414285	Float	R/O	FCU 1 SP 2 hours ago
7143	414287	Float	R/O	FCU 1 SP 3 hours ago
7144	414289	Float	R/O	FCU 1 SP 4 hours ago
7145	414291	Float	R/O	FCU 1 SP 5 hours ago
7146	414293	Float	R/O	FCU 1 SP 6 hours ago
7147	414295	Float	R/O	FCU 1 SP 7 hours ago
7148	414297	Float	R/O	FCU 1 SP 8 hours ago
7149	414299	Float	R/O	FCU 1 SP 9 hours ago
7150	414301	Float	R/O	FCU 1 SP 10 hours ago
7151	414303	Float	R/O	FCU 1 SP 11 hours ago
7152	414305	Float	R/O	FCU 1 SP 12 hours ago
7153	414307	Float	R/O	FCU 1 SP 13 hours ago
7154	414309	Float	R/O	FCU 1 SP 14 hours ago
7155	414311	Float	R/O	FCU 1 SP 15 hours ago
7156	414313	Float	R/O	FCU 1 SP 16 hours ago
7157	414315	Float	R/O	FCU 1 SP 17 hours ago
7158	414317	Float	R/O	FCU 1 SP 18 hours ago
7159	414319	Float	R/O	FCU 1 SP 19 hours ago
7160	414321	Float	R/O	FCU 1 SP 20 hours ago
7161	414323	Float	R/O	FCU 1 SP 21 hours ago
7162	414325	Float	R/O	FCU 1 SP 22 hours ago
7163	414327	Float	R/O	FCU 1 SP 23 hours ago
7165	414331	Float	R/O	FCU 1 Current DP
7166	414333	Float	R/O	FCU 1 DP Last Hour
7167	414335	Float	R/O	FCU 1 DP 2 hours ago
7168	414337	Float	R/O	FCU 1 DP 3 hours ago
7169	414339	Float	R/O	FCU 1 DP 4 hours ago
7170	414341	Float	R/O	FCU 1 DP 5 hours ago
7171	414343	Float	R/O	FCU 1 DP 6 hours ago
7172	414345	Float	R/O	FCU 1 DP 7 hours ago
7173	414347	Float	R/O	FCU 1 DP 8 hours ago
7174	414349	Float	R/O	FCU 1 DP 9 hours ago
7175	414351	Float	R/O	FCU 1 DP 10 hours ago
7176	414353	Float	R/O	FCU 1 DP 11 hours ago
7177	414355	Float	R/O	FCU 1 DP 12 hours ago
7178	414357	Float	R/O	FCU 1 DP 13 hours ago
7179	414359	Float	R/O	FCU 1 DP 14 hours ago
7180	414361	Float	R/O	FCU 1 DP 15 hours ago
7181	414363	Float	R/O	FCU 1 DP 16 hours ago

7182	414365	Float	R/O	FCU 1 DP 17 hours ago
7183	414367	Float	R/O	FCU 1 DP 18 hours ago
7184	414369	Float	R/O	FCU 1 DP 19 hours ago
7185	414371	Float	R/O	FCU 1 DP 20 hours ago
7186	414373	Float	R/O	FCU 1 DP 21 hours ago
7187	414375	Float	R/O	FCU 1 DP 22 hours ago
7188	414377	Float	R/O	FCU 1 DP 23 hours ago
7190	414381	Float	R/O	FCU 1 Current Temp
7191	414383	Float	R/O	FCU 1 Temp Last Hour
7192	414385	Float	R/O	FCU 1 Temp 2 hours ago
7193	414387	Float	R/O	FCU 1 Temp 3 hours ago
7194	414389	Float	R/O	FCU 1 Temp 4 hours ago
7195	414391	Float	R/O	FCU 1 Temp 5 hours ago
7196	414393	Float	R/O	FCU 1 Temp 6 hours ago
7197	414395	Float	R/O	FCU 1 Temp 7 hours ago
7198	414397	Float	R/O	FCU 1 Temp 8 hours ago
7199	414399	Float	R/O	FCU 1 Temp 9 hours ago
7200	414401	Float	R/O	FCU 1 Temp 10 hours ago
7201	414403	Float	R/O	FCU 1 Temp 11 hours ago
7202	414405	Float	R/O	FCU 1 Temp 12 hours ago
7203	414407	Float	R/O	FCU 1 Temp 13 hours ago
7204	414409	Float	R/O	FCU 1 Temp 14 hours ago
7205	414411	Float	R/O	FCU 1 Temp 15 hours ago
7206	414413	Float	R/O	FCU 1 Temp 16 hours ago
7207	414415	Float	R/O	FCU 1 Temp 17 hours ago
7208	414417	Float	R/O	FCU 1 Temp 18 hours ago
7209	414419	Float	R/O	FCU 1 Temp 19 hours ago
7210	414421	Float	R/O	FCU 1 Temp 20 hours ago
7211	414423	Float	R/O	FCU 1 Temp 21 hours ago
7212	414425	Float	R/O	FCU 1 Temp 22 hours ago
7213	414427	Float	R/O	FCU 1 Temp 23 hours ago
7215	414431	Float	R/O	FCU 1 Current Flow
7216	414433	Float	R/O	FCU 1 Flow Last Hour
7217	414435	Float	R/O	FCU 1 Flow 2 hours ago
7218	414437	Float	R/O	FCU 1 Flow 3 hours ago
7219	414439	Float	R/O	FCU 1 Flow 4 hours ago
7220	414441	Float	R/O	FCU 1 Flow 5 hours ago
7221	414443	Float	R/O	FCU 1 Flow 6 hours ago
7222	414445	Float	R/O	FCU 1 Flow 7 hours ago
7223	414447	Float	R/O	FCU 1 Flow 8 hours ago

7224	414449	Float	R/O	FCU 1 Flow 9 hours ago
7225	414451	Float	R/O	FCU 1 Flow 10 hours ago
7226	414453	Float	R/O	FCU 1 Flow 11 hours ago
7227	414455	Float	R/O	FCU 1 Flow 12 hours ago
7228	414457	Float	R/O	FCU 1 Flow 13 hours ago
7229	414459	Float	R/O	FCU 1 Flow 14 hours ago
7230	414461	Float	R/O	FCU 1 Flow 15 hours ago
7231	414463	Float	R/O	FCU 1 Flow 16 hours ago
7232	414465	Float	R/O	FCU 1 Flow 17 hours ago
7233	414467	Float	R/O	FCU 1 Flow 18 hours ago
7234	414469	Float	R/O	FCU 1 Flow 19 hours ago
7235	414471	Float	R/O	FCU 1 Flow 20 hours ago
7236	414473	Float	R/O	FCU 1 Flow 21 hours ago
7237	414475	Float	R/O	FCU 1 Flow 22 hours ago
7238	414477	Float	R/O	FCU 1 Flow 23 hours ago
7240	414481	Float	R/O	FCU 1 Avg. SP Yesterday
7241	414483	Float	R/O	FCU 1 Avg. SP 2 days ago
7242	414485	Float	R/O	FCU 1 Avg. SP 3 days ago
7243	414487	Float	R/O	FCU 1 Avg. SP 4 days ago
7244	414489	Float	R/O	FCU 1 Avg. SP 5 days ago
7245	414491	Float	R/O	FCU 1 Avg. SP 6 days ago
7246	414493	Float	R/O	FCU 1 Avg. SP 7 days ago
7247	414495	Float	R/O	FCU 1 Avg. DP Yesterday
7248	414497	Float	R/O	FCU 1 Avg. DP 2 days ago
7249	414499	Float	R/O	FCU 1 Avg. DP 3 days ago
7250	414501	Float	R/O	FCU 1 Avg. DP 4 days ago
7251	414503	Float	R/O	FCU 1 Avg. DP 5 days ago
7252	414505	Float	R/O	FCU 1 Avg. DP 6 days ago
7253	414507	Float	R/O	FCU 1 Avg. DP 7 days ago
7254	414509	Float	R/O	FCU 1 Avg. Temp Yesterday
7255	414511	Float	R/O	FCU 1 Avg. Temp 2 days ago
7256	414513	Float	R/O	FCU 1 Avg. Temp 3 days ago
7257	414515	Float	R/O	FCU 1 Avg. Temp 4 days ago
7258	414517	Float	R/O	FCU 1 Avg. Temp 5 days ago
7259	414519	Float	R/O	FCU 1 Avg. Temp 6 days ago
7260	414521	Float	R/O	FCU 1 Avg. Temp 7 days ago
7261	414523	Float	R/O	FCU 1 Volume Yesterday
7262	414525	Float	R/O	FCU 1 Volume 2 days ago
7263	414527	Float	R/O	FCU 1 Volume 3 days ago
7264	414529	Float	R/O	FCU 1 Volume 4 days ago

7265	414531	Float	R/O	FCU 1 Volume 5 days ago
7266	414533	Float	R/O	FCU 1 Volume 6 days ago
7267	414535	Float	R/O	FCU 1 Volume 7 days ago
7268	414537	Long	R/W	FCU 1 IP Address
7269	414539	UINT16	R/W	FCU 1 TCP/IP port
7270	414541	UINT16	R/W	FCU 2 Type
7271	414543	UINT16	R/W	FCU 2 Modbus device #
7274	414549	Long	R/W	FCU 2 Contract Hour
7275	414551	UINT16	R/W	FCU 2 RecordCount
7276	414553	Long	R/W	FCU 2 Last scan Long
7277	414555	Long	R/W	FCU 2 Last scan Long
7278	414557	Long	R/O	FCU 2 Last Contract Long
7280	414561	UINT16	R/W	FCU 2 Clear History
7281	414563	UINT16	R/O	FCU 2 Detected type
7282	414565	UINT16	R/O	FCU 2 ErrorCount
7283	414567	UINT16	R/O	FCU 2 Polls
7284	414569	UINT16	R/O	FCU 2 Good responses
7285	414571	UINT16	R/O	FCU 2 No responses
7286	414573	UINT16	R/O	FCU 2 Bad responses
7287	414575	UINT16	R/O	FCU 2 ACK's sent
7288	414577	UINT16	R/W	FCU 2 Clear stats
7290	414581	Float	R/O	FCU 2 Current SP
7291	414583	Float	R/O	FCU 2 SP Last Hour
7292	414585	Float	R/O	FCU 2 SP 2 hours ago
7293	414587	Float	R/O	FCU 2 SP 3 hours ago
7294	414589	Float	R/O	FCU 2 SP 4 hours ago
7295	414591	Float	R/O	FCU 2 SP 5 hours ago
7296	414593	Float	R/O	FCU 2 SP 6 hours ago
7297	414595	Float	R/O	FCU 2 SP 7 hours ago
7298	414597	Float	R/O	FCU 2 SP 8 hours ago
7299	414599	Float	R/O	FCU 2 SP 9 hours ago
7300	414601	Float	R/O	FCU 2 SP 10 hours ago
7301	414603	Float	R/O	FCU 2 SP 11 hours ago
7302	414605	Float	R/O	FCU 2 SP 12 hours ago
7303	414607	Float	R/O	FCU 2 SP 13 hours ago
7304	414609	Float	R/O	FCU 2 SP 14 hours ago
7305	414611	Float	R/O	FCU 2 SP 15 hours ago
7306	414613	Float	R/O	FCU 2 SP 16 hours ago
7307	414615	Float	R/O	FCU 2 SP 17 hours ago
7308	414617	Float	R/O	FCU 2 SP 18 hours ago

7309	414619	Float	R/O	FCU 2 SP 19 hours ago
7310	414621	Float	R/O	FCU 2 SP 20 hours ago
7311	414623	Float	R/O	FCU 2 SP 21 hours ago
7312	414625	Float	R/O	FCU 2 SP 22 hours ago
7313	414627	Float	R/O	FCU 2 SP 23 hours ago
7315	414631	Float	R/O	FCU 2 Current DP
7316	414633	Float	R/O	FCU 2 DP Last Hour
7317	414635	Float	R/O	FCU 2 DP 2 hours ago
7318	414637	Float	R/O	FCU 2 DP 3 hours ago
7319	414639	Float	R/O	FCU 2 DP 4 hours ago
7320	414641	Float	R/O	FCU 2 DP 5 hours ago
7321	414643	Float	R/O	FCU 2 DP 6 hours ago
7322	414645	Float	R/O	FCU 2 DP 7 hours ago
7323	414647	Float	R/O	FCU 2 DP 8 hours ago
7324	414649	Float	R/O	FCU 2 DP 9 hours ago
7325	414651	Float	R/O	FCU 2 DP 10 hours ago
7326	414653	Float	R/O	FCU 2 DP 11 hours ago
7327	414655	Float	R/O	FCU 2 DP 12 hours ago
7328	414657	Float	R/O	FCU 2 DP 13 hours ago
7329	414659	Float	R/O	FCU 2 DP 14 hours ago
7330	414661	Float	R/O	FCU 2 DP 15 hours ago
7331	414663	Float	R/O	FCU 2 DP 16 hours ago
7332	414665	Float	R/O	FCU 2 DP 17 hours ago
7333	414667	Float	R/O	FCU 2 DP 18 hours ago
7334	414669	Float	R/O	FCU 2 DP 19 hours ago
7335	414671	Float	R/O	FCU 2 DP 20 hours ago
7336	414673	Float	R/O	FCU 2 DP 21 hours ago
7337	414675	Float	R/O	FCU 2 DP 22 hours ago
7338	414677	Float	R/O	FCU 2 DP 23 hours ago
7340	414681	Float	R/O	FCU 2 Current Temp
7341	414683	Float	R/O	FCU 2 Temp Last Hour
7342	414685	Float	R/O	FCU 2 Temp 2 hours ago
7343	414687	Float	R/O	FCU 2 Temp 3 hours ago
7344	414689	Float	R/O	FCU 2 Temp 4 hours ago
7345	414691	Float	R/O	FCU 2 Temp 5 hours ago
7346	414693	Float	R/O	FCU 2 Temp 6 hours ago
7347	414695	Float	R/O	FCU 2 Temp 7 hours ago
7348	414697	Float	R/O	FCU 2 Temp 8 hours ago
7349	414699	Float	R/O	FCU 2 Temp 9 hours ago
7350	414701	Float	R/O	FCU 2 Temp 10 hours ago

7351	414703	Float	R/O	FCU 2 Temp 11 hours ago
7352	414705	Float	R/O	FCU 2 Temp 12 hours ago
7353	414707	Float	R/O	FCU 2 Temp 13 hours ago
7354	414709	Float	R/O	FCU 2 Temp 14 hours ago
7355	414711	Float	R/O	FCU 2 Temp 15 hours ago
7356	414713	Float	R/O	FCU 2 Temp 16 hours ago
7357	414715	Float	R/O	FCU 2 Temp 17 hours ago
7358	414717	Float	R/O	FCU 2 Temp 18 hours ago
7359	414719	Float	R/O	FCU 2 Temp 19 hours ago
7360	414721	Float	R/O	FCU 2 Temp 20 hours ago
7361	414723	Float	R/O	FCU 2 Temp 21 hours ago
7362	414725	Float	R/O	FCU 2 Temp 22 hours ago
7363	414727	Float	R/O	FCU 2 Temp 23 hours ago
7365	414731	Float	R/O	FCU 2 Current Flow
7366	414733	Float	R/O	FCU 2 Flow Last Hour
7367	414735	Float	R/O	FCU 2 Flow 2 hours ago
7368	414737	Float	R/O	FCU 2 Flow 3 hours ago
7369	414739	Float	R/O	FCU 2 Flow 4 hours ago
7370	414741	Float	R/O	FCU 2 Flow 5 hours ago
7371	414743	Float	R/O	FCU 2 Flow 6 hours ago
7372	414745	Float	R/O	FCU 2 Flow 7 hours ago
7373	414747	Float	R/O	FCU 2 Flow 8 hours ago
7374	414749	Float	R/O	FCU 2 Flow 9 hours ago
7375	414751	Float	R/O	FCU 2 Flow 10 hours ago
7376	414753	Float	R/O	FCU 2 Flow 11 hours ago
7377	414755	Float	R/O	FCU 2 Flow 12 hours ago
7378	414757	Float	R/O	FCU 2 Flow 13 hours ago
7379	414759	Float	R/O	FCU 2 Flow 14 hours ago
7380	414761	Float	R/O	FCU 2 Flow 15 hours ago
7381	414763	Float	R/O	FCU 2 Flow 16 hours ago
7382	414765	Float	R/O	FCU 2 Flow 17 hours ago
7383	414767	Float	R/O	FCU 2 Flow 18 hours ago
7384	414769	Float	R/O	FCU 2 Flow 19 hours ago
7385	414771	Float	R/O	FCU 2 Flow 20 hours ago
7386	414773	Float	R/O	FCU 2 Flow 21 hours ago
7387	414775	Float	R/O	FCU 2 Flow 22 hours ago
7388	414777	Float	R/O	FCU 2 Flow 23 hours ago
7390	414781	Float	R/O	FCU 2 Avg. SP Yesterday
7391	414783	Float	R/O	FCU 2 Avg. SP 2 days ago
7392	414785	Float	R/O	FCU 2 Avg. SP 3 days ago

7393	414787	Float	R/O	FCU 2 Avg. SP 4 days ago
7394	414789	Float	R/O	FCU 2 Avg. SP 5 days ago
7395	414791	Float	R/O	FCU 2 Avg. SP 6 days ago
7396	414793	Float	R/O	FCU 2 Avg. SP 7 days ago
7397	414795	Float	R/O	FCU 2 Avg. DP Yesterday
7398	414797	Float	R/O	FCU 2 Avg. DP 2 days ago
7399	414799	Float	R/O	FCU 2 Avg. DP 3 days ago
7400	414801	Float	R/O	FCU 2 Avg. DP 4 days ago
7401	414803	Float	R/O	FCU 2 Avg. DP 5 days ago
7402	414805	Float	R/O	FCU 2 Avg. DP 6 days ago
7403	414807	Float	R/O	FCU 2 Avg. DP 7 days ago
7404	414809	Float	R/O	FCU 2 Avg. Temp Yesterday
7405	414811	Float	R/O	FCU 2 Avg. Temp 2 days ago
7406	414813	Float	R/O	FCU 2 Avg. Temp 3 days ago
7407	414815	Float	R/O	FCU 2 Avg. Temp 4 days ago
7408	414817	Float	R/O	FCU 2 Avg. Temp 5 days ago
7409	414819	Float	R/O	FCU 2 Avg. Temp 6 days ago
7410	414821	Float	R/O	FCU 2 Avg. Temp 7 days ago
7411	414823	Float	R/O	FCU 2 Volume Yesterday
7412	414825	Float	R/O	FCU 2 Volume 2 days ago
7413	414827	Float	R/O	FCU 2 Volume 3 days ago
7414	414829	Float	R/O	FCU 2 Volume 4 days ago
7415	414831	Float	R/O	FCU 2 Volume 5 days ago
7416	414833	Float	R/O	FCU 2 Volume 6 days ago
7417	414835	Float	R/O	FCU 2 Volume 7 days ago
7418	414837	Long	R/W	FCU 2 IP Address
7419	414839	UINT16	R/W	FCU 2 TCP/IP port
7420	414841	UINT16	R/W	FCU 3 Type
7421	414843	UINT16	R/W	FCU 3 Modbus device #
7424	414849	Long	R/W	FCU 3 Contract Hour
7425	414851	UINT16	R/W	FCU 3 RecordCount
7426	414853	Long	R/W	FCU 3 Last scan Long
7427	414855	Long	R/W	FCU 3 Last scan Long
7428	414857	Long	R/O	FCU 3 Last Contract Long
7430	414861	UINT16	R/W	FCU 3 Clear History
7431	414863	UINT16	R/O	FCU 3 Detected type
7432	414865	UINT16	R/O	FCU 3 ErrorCount
7433	414867	UINT16	R/O	FCU 3 Polls
7434	414869	UINT16	R/O	FCU 3 Good responses
7435	414871	UINT16	R/O	FCU 3 No responses

7436	414873	UINT16	R/O	FCU 3 Bad responses
7437	414875	UINT16	R/O	FCU 3 ACK's sent
7438	414877	UINT16	R/W	FCU 3 Clear stats
7440	414881	Float	R/O	FCU 3 Current SP
7441	414883	Float	R/O	FCU 3 SP Last Hour
7442	414885	Float	R/O	FCU 3 SP 2 hours ago
7443	414887	Float	R/O	FCU 3 SP 3 hours ago
7444	414889	Float	R/O	FCU 3 SP 4 hours ago
7445	414891	Float	R/O	FCU 3 SP 5 hours ago
7446	414893	Float	R/O	FCU 3 SP 6 hours ago
7447	414895	Float	R/O	FCU 3 SP 7 hours ago
7448	414897	Float	R/O	FCU 3 SP 8 hours ago
7449	414899	Float	R/O	FCU 3 SP 9 hours ago
7450	414901	Float	R/O	FCU 3 SP 10 hours ago
7451	414903	Float	R/O	FCU 3 SP 11 hours ago
7452	414905	Float	R/O	FCU 3 SP 12 hours ago
7453	414907	Float	R/O	FCU 3 SP 13 hours ago
7454	414909	Float	R/O	FCU 3 SP 14 hours ago
7455	414911	Float	R/O	FCU 3 SP 15 hours ago
7456	414913	Float	R/O	FCU 3 SP 16 hours ago
7457	414915	Float	R/O	FCU 3 SP 17 hours ago
7458	414917	Float	R/O	FCU 3 SP 18 hours ago
7459	414919	Float	R/O	FCU 3 SP 19 hours ago
7460	414921	Float	R/O	FCU 3 SP 20 hours ago
7461	414923	Float	R/O	FCU 3 SP 21 hours ago
7462	414925	Float	R/O	FCU 3 SP 22 hours ago
7463	414927	Float	R/O	FCU 3 SP 23 hours ago
7465	414931	Float	R/O	FCU 3 Current DP
7466	414933	Float	R/O	FCU 3 DP Last Hour
7467	414935	Float	R/O	FCU 3 DP 2 hours ago
7468	414937	Float	R/O	FCU 3 DP 3 hours ago
7469	414939	Float	R/O	FCU 3 DP 4 hours ago
7470	414941	Float	R/O	FCU 3 DP 5 hours ago
7471	414943	Float	R/O	FCU 3 DP 6 hours ago
7472	414945	Float	R/O	FCU 3 DP 7 hours ago
7473	414947	Float	R/O	FCU 3 DP 8 hours ago
7474	414949	Float	R/O	FCU 3 DP 9 hours ago
7475	414951	Float	R/O	FCU 3 DP 10 hours ago
7476	414953	Float	R/O	FCU 3 DP 11 hours ago
7477	414955	Float	R/O	FCU 3 DP 12 hours ago

7478	414957	Float	R/O	FCU 3 DP 13 hours ago
7479	414959	Float	R/O	FCU 3 DP 14 hours ago
7480	414961	Float	R/O	FCU 3 DP 15 hours ago
7481	414963	Float	R/O	FCU 3 DP 16 hours ago
7482	414965	Float	R/O	FCU 3 DP 17 hours ago
7483	414967	Float	R/O	FCU 3 DP 18 hours ago
7484	414969	Float	R/O	FCU 3 DP 19 hours ago
7485	414971	Float	R/O	FCU 3 DP 20 hours ago
7486	414973	Float	R/O	FCU 3 DP 21 hours ago
7487	414975	Float	R/O	FCU 3 DP 22 hours ago
7488	414977	Float	R/O	FCU 3 DP 23 hours ago
7490	414981	Float	R/O	FCU 3 Current Temp
7491	414983	Float	R/O	FCU 3 Temp Last Hour
7492	414985	Float	R/O	FCU 3 Temp 2 hours ago
7493	414987	Float	R/O	FCU 3 Temp 3 hours ago
7494	414989	Float	R/O	FCU 3 Temp 4 hours ago
7495	414991	Float	R/O	FCU 3 Temp 5 hours ago
7496	414993	Float	R/O	FCU 3 Temp 6 hours ago
7497	414995	Float	R/O	FCU 3 Temp 7 hours ago
7498	414997	Float	R/O	FCU 3 Temp 8 hours ago
7499	414999	Float	R/O	FCU 3 Temp 9 hours ago
7500	415001	Float	R/O	FCU 3 Temp 10 hours ago
7501	415003	Float	R/O	FCU 3 Temp 11 hours ago
7502	415005	Float	R/O	FCU 3 Temp 12 hours ago
7503	415007	Float	R/O	FCU 3 Temp 13 hours ago
7504	415009	Float	R/O	FCU 3 Temp 14 hours ago
7505	415011	Float	R/O	FCU 3 Temp 15 hours ago
7506	415013	Float	R/O	FCU 3 Temp 16 hours ago
7507	415015	Float	R/O	FCU 3 Temp 17 hours ago
7508	415017	Float	R/O	FCU 3 Temp 18 hours ago
7509	415019	Float	R/O	FCU 3 Temp 19 hours ago
7510	415021	Float	R/O	FCU 3 Temp 20 hours ago
7511	415023	Float	R/O	FCU 3 Temp 21 hours ago
7512	415025	Float	R/O	FCU 3 Temp 22 hours ago
7513	415027	Float	R/O	FCU 3 Temp 23 hours ago
7515	415031	Float	R/O	FCU 3 Current Flow
7516	415033	Float	R/O	FCU 3 Flow Last Hour
7517	415035	Float	R/O	FCU 3 Flow 2 hours ago
7518	415037	Float	R/O	FCU 3 Flow 3 hours ago
7519	415039	Float	R/O	FCU 3 Flow 4 hours ago

7520	415041	Float	R/O	FCU 3 Flow 5 hours ago
7521	415043	Float	R/O	FCU 3 Flow 6 hours ago
7522	415045	Float	R/O	FCU 3 Flow 7 hours ago
7523	415047	Float	R/O	FCU 3 Flow 8 hours ago
7524	415049	Float	R/O	FCU 3 Flow 9 hours ago
7525	415051	Float	R/O	FCU 3 Flow 10 hours ago
7526	415053	Float	R/O	FCU 3 Flow 11 hours ago
7527	415055	Float	R/O	FCU 3 Flow 12 hours ago
7528	415057	Float	R/O	FCU 3 Flow 13 hours ago
7529	415059	Float	R/O	FCU 3 Flow 14 hours ago
7530	415061	Float	R/O	FCU 3 Flow 15 hours ago
7531	415063	Float	R/O	FCU 3 Flow 16 hours ago
7532	415065	Float	R/O	FCU 3 Flow 17 hours ago
7533	415067	Float	R/O	FCU 3 Flow 18 hours ago
7534	415069	Float	R/O	FCU 3 Flow 19 hours ago
7535	415071	Float	R/O	FCU 3 Flow 20 hours ago
7536	415073	Float	R/O	FCU 3 Flow 21 hours ago
7537	415075	Float	R/O	FCU 3 Flow 22 hours ago
7538	415077	Float	R/O	FCU 3 Flow 23 hours ago
7540	415081	Float	R/O	FCU 3 Avg. SP Yesterday
7541	415083	Float	R/O	FCU 3 Avg. SP 2 days ago
7542	415085	Float	R/O	FCU 3 Avg. SP 3 days ago
7543	415087	Float	R/O	FCU 3 Avg. SP 4 days ago
7544	415089	Float	R/O	FCU 3 Avg. SP 5 days ago
7545	415091	Float	R/O	FCU 3 Avg. SP 6 days ago
7546	415093	Float	R/O	FCU 3 Avg. SP 7 days ago
7547	415095	Float	R/O	FCU 3 Avg. DP Yesterday
7548	415097	Float	R/O	FCU 3 Avg. DP 2 days ago
7549	415099	Float	R/O	FCU 3 Avg. DP 3 days ago
7550	415101	Float	R/O	FCU 3 Avg. DP 4 days ago
7551	415103	Float	R/O	FCU 3 Avg. DP 5 days ago
7552	415105	Float	R/O	FCU 3 Avg. DP 6 days ago
7553	415107	Float	R/O	FCU 3 Avg. DP 7 days ago
7554	415109	Float	R/O	FCU 3 Avg. Temp Yesterday
7555	415111	Float	R/O	FCU 3 Avg. Temp 2 days ago
7556	415113	Float	R/O	FCU 3 Avg. Temp 3 days ago
7557	415115	Float	R/O	FCU 3 Avg. Temp 4 days ago
7558	415117	Float	R/O	FCU 3 Avg. Temp 5 days ago
7559	415119	Float	R/O	FCU 3 Avg. Temp 6 days ago
7560	415121	Float	R/O	FCU 3 Avg. Temp 7 days ago

7561	415123	Float	R/O	FCU 3 Volume Yesterday
7562	415125	Float	R/O	FCU 3 Volume 2 days ago
7563	415127	Float	R/O	FCU 3 Volume 3 days ago
7564	415129	Float	R/O	FCU 3 Volume 4 days ago
7565	415131	Float	R/O	FCU 3 Volume 5 days ago
7566	415133	Float	R/O	FCU 3 Volume 6 days ago
7567	415135	Float	R/O	FCU 3 Volume 7 days ago
7568	415137	Long	R/W	FCU 3 IP Address
7569	415139	UINT16	R/W	FCU 3 TCP/IP port
7570	415141	UINT16	R/W	FCU 4 Type
7571	415143	UINT16	R/W	FCU 4 Modbus device #
7574	415149	Long	R/W	FCU 4 Contract Hour
7575	415151	UINT16	R/W	FCU 4 RecordCount
7576	415153	Long	R/W	FCU 4 Last scan Long
7577	415155	Long	R/W	FCU 4 Last scan Long
7578	415157	Long	R/O	FCU 4 Last Contract Long
7580	415161	UINT16	R/W	FCU 4 Clear History
7581	415163	UINT16	R/O	FCU 4 Detected type
7582	415165	UINT16	R/O	FCU 4 ErrorCount
7583	415167	UINT16	R/O	FCU 4 Polls
7584	415169	UINT16	R/O	FCU 4 Good responses
7585	415171	UINT16	R/O	FCU 4 No responses
7586	415173	UINT16	R/O	FCU 4 Bad responses
7587	415175	UINT16	R/O	FCU 4 ACK's sent
7588	415177	UINT16	R/W	FCU 4 Clear stats
7590	415181	Float	R/O	FCU 4 Current SP
7591	415183	Float	R/O	FCU 4 SP Last Hour
7592	415185	Float	R/O	FCU 4 SP 2 hours ago
7593	415187	Float	R/O	FCU 4 SP 3 hours ago
7594	415189	Float	R/O	FCU 4 SP 4 hours ago
7595	415191	Float	R/O	FCU 4 SP 5 hours ago
7596	415193	Float	R/O	FCU 4 SP 6 hours ago
7597	415195	Float	R/O	FCU 4 SP 7 hours ago
7598	415197	Float	R/O	FCU 4 SP 8 hours ago
7599	415199	Float	R/O	FCU 4 SP 9 hours ago
7600	415201	Float	R/O	FCU 4 SP 10 hours ago
7601	415203	Float	R/O	FCU 4 SP 11 hours ago
7602	415205	Float	R/O	FCU 4 SP 12 hours ago
7603	415207	Float	R/O	FCU 4 SP 13 hours ago
7604	415209	Float	R/O	FCU 4 SP 14 hours ago

7605	415211	Float	R/O	FCU 4 SP 15 hours ago
7606	415213	Float	R/O	FCU 4 SP 16 hours ago
7607	415215	Float	R/O	FCU 4 SP 17 hours ago
7608	415217	Float	R/O	FCU 4 SP 18 hours ago
7609	415219	Float	R/O	FCU 4 SP 19 hours ago
7610	415221	Float	R/O	FCU 4 SP 20 hours ago
7611	415223	Float	R/O	FCU 4 SP 21 hours ago
7612	415225	Float	R/O	FCU 4 SP 22 hours ago
7613	415227	Float	R/O	FCU 4 SP 23 hours ago
7615	415231	Float	R/O	FCU 4 Current DP
7616	415233	Float	R/O	FCU 4 DP Last Hour
7617	415235	Float	R/O	FCU 4 DP 2 hours ago
7618	415237	Float	R/O	FCU 4 DP 3 hours ago
7619	415239	Float	R/O	FCU 4 DP 4 hours ago
7620	415241	Float	R/O	FCU 4 DP 5 hours ago
7621	415243	Float	R/O	FCU 4 DP 6 hours ago
7622	415245	Float	R/O	FCU 4 DP 7 hours ago
7623	415247	Float	R/O	FCU 4 DP 8 hours ago
7624	415249	Float	R/O	FCU 4 DP 9 hours ago
7625	415251	Float	R/O	FCU 4 DP 10 hours ago
7626	415253	Float	R/O	FCU 4 DP 11 hours ago
7627	415255	Float	R/O	FCU 4 DP 12 hours ago
7628	415257	Float	R/O	FCU 4 DP 13 hours ago
7629	415259	Float	R/O	FCU 4 DP 14 hours ago
7630	415261	Float	R/O	FCU 4 DP 15 hours ago
7631	415263	Float	R/O	FCU 4 DP 16 hours ago
7632	415265	Float	R/O	FCU 4 DP 17 hours ago
7633	415267	Float	R/O	FCU 4 DP 18 hours ago
7634	415269	Float	R/O	FCU 4 DP 19 hours ago
7635	415271	Float	R/O	FCU 4 DP 20 hours ago
7636	415273	Float	R/O	FCU 4 DP 21 hours ago
7637	415275	Float	R/O	FCU 4 DP 22 hours ago
7638	415277	Float	R/O	FCU 4 DP 23 hours ago
7640	415281	Float	R/O	FCU 4 Current Temp
7641	415283	Float	R/O	FCU 4 Temp Last Hour
7642	415285	Float	R/O	FCU 4 Temp 2 hours ago
7643	415287	Float	R/O	FCU 4 Temp 3 hours ago
7644	415289	Float	R/O	FCU 4 Temp 4 hours ago
7645	415291	Float	R/O	FCU 4 Temp 5 hours ago
7646	415293	Float	R/O	FCU 4 Temp 6 hours ago

7647	415295	Float	R/O	FCU 4 Temp 7 hours ago
7648	415297	Float	R/O	FCU 4 Temp 8 hours ago
7649	415299	Float	R/O	FCU 4 Temp 9 hours ago
7650	415301	Float	R/O	FCU 4 Temp 10 hours ago
7651	415303	Float	R/O	FCU 4 Temp 11 hours ago
7652	415305	Float	R/O	FCU 4 Temp 12 hours ago
7653	415307	Float	R/O	FCU 4 Temp 13 hours ago
7654	415309	Float	R/O	FCU 4 Temp 14 hours ago
7655	415311	Float	R/O	FCU 4 Temp 15 hours ago
7656	415313	Float	R/O	FCU 4 Temp 16 hours ago
7657	415315	Float	R/O	FCU 4 Temp 17 hours ago
7658	415317	Float	R/O	FCU 4 Temp 18 hours ago
7659	415319	Float	R/O	FCU 4 Temp 19 hours ago
7660	415321	Float	R/O	FCU 4 Temp 20 hours ago
7661	415323	Float	R/O	FCU 4 Temp 21 hours ago
7662	415325	Float	R/O	FCU 4 Temp 22 hours ago
7663	415327	Float	R/O	FCU 4 Temp 23 hours ago
7665	415331	Float	R/O	FCU 4 Current Flow
7666	415333	Float	R/O	FCU 4 Flow Last Hour
7667	415335	Float	R/O	FCU 4 Flow 2 hours ago
7668	415337	Float	R/O	FCU 4 Flow 3 hours ago
7669	415339	Float	R/O	FCU 4 Flow 4 hours ago
7670	415341	Float	R/O	FCU 4 Flow 5 hours ago
7671	415343	Float	R/O	FCU 4 Flow 6 hours ago
7672	415345	Float	R/O	FCU 4 Flow 7 hours ago
7673	415347	Float	R/O	FCU 4 Flow 8 hours ago
7674	415349	Float	R/O	FCU 4 Flow 9 hours ago
7675	415351	Float	R/O	FCU 4 Flow 10 hours ago
7676	415353	Float	R/O	FCU 4 Flow 11 hours ago
7677	415355	Float	R/O	FCU 4 Flow 12 hours ago
7678	415357	Float	R/O	FCU 4 Flow 13 hours ago
7679	415359	Float	R/O	FCU 4 Flow 14 hours ago
7680	415361	Float	R/O	FCU 4 Flow 15 hours ago
7681	415363	Float	R/O	FCU 4 Flow 16 hours ago
7682	415365	Float	R/O	FCU 4 Flow 17 hours ago
7683	415367	Float	R/O	FCU 4 Flow 18 hours ago
7684	415369	Float	R/O	FCU 4 Flow 19 hours ago
7685	415371	Float	R/O	FCU 4 Flow 20 hours ago
7686	415373	Float	R/O	FCU 4 Flow 21 hours ago
7687	415375	Float	R/O	FCU 4 Flow 22 hours ago

7688	415377	Float	R/O	FCU 4 Flow 23 hours ago
7690	415381	Float	R/O	FCU 4 Avg. SP Yesterday
7691	415383	Float	R/O	FCU 4 Avg. SP 2 days ago
7692	415385	Float	R/O	FCU 4 Avg. SP 3 days ago
7693	415387	Float	R/O	FCU 4 Avg. SP 4 days ago
7694	415389	Float	R/O	FCU 4 Avg. SP 5 days ago
7695	415391	Float	R/O	FCU 4 Avg. SP 6 days ago
7696	415393	Float	R/O	FCU 4 Avg. SP 7 days ago
7697	415395	Float	R/O	FCU 4 Avg. DP Yesterday
7698	415397	Float	R/O	FCU 4 Avg. DP 2 days ago
7699	415399	Float	R/O	FCU 4 Avg. DP 3 days ago
7700	415401	Float	R/O	FCU 4 Avg. DP 4 days ago
7701	415403	Float	R/O	FCU 4 Avg. DP 5 days ago
7702	415405	Float	R/O	FCU 4 Avg. DP 6 days ago
7703	415407	Float	R/O	FCU 4 Avg. DP 7 days ago
7704	415409	Float	R/O	FCU 4 Avg. Temp Yesterday
7705	415411	Float	R/O	FCU 4 Avg. Temp 2 days ago
7706	415413	Float	R/O	FCU 4 Avg. Temp 3 days ago
7707	415415	Float	R/O	FCU 4 Avg. Temp 4 days ago
7708	415417	Float	R/O	FCU 4 Avg. Temp 5 days ago
7709	415419	Float	R/O	FCU 4 Avg. Temp 6 days ago
7710	415421	Float	R/O	FCU 4 Avg. Temp 7 days ago
7711	415423	Float	R/O	FCU 4 Volume Yesterday
7712	415425	Float	R/O	FCU 4 Volume 2 days ago
7713	415427	Float	R/O	FCU 4 Volume 3 days ago
7714	415429	Float	R/O	FCU 4 Volume 4 days ago
7715	415431	Float	R/O	FCU 4 Volume 5 days ago
7716	415433	Float	R/O	FCU 4 Volume 6 days ago
7717	415435	Float	R/O	FCU 4 Volume 7 days ago
7718	415437	Long	R/W	FCU 4 IP Address
7719	415439	UINT16	R/W	FCU 4 TCP/IP port
8022	416045	Float	R/O	Polished Rod Horsepower
9000	418001	UINT16	R/W	Grouped Param Source[0]
9001	418003	UINT16	R/W	Grouped Param Source[1]
9002	418005	UINT16	R/W	Grouped Param Source[2]
9003	418007	UINT16	R/W	Grouped Param Source[3]
9004	418009	UINT16	R/W	Grouped Param Source[4]
9005	418011	UINT16	R/W	Grouped Param Source[5]
9006	418013	UINT16	R/W	Grouped Param Source[6]
9007	418015	UINT16	R/W	Grouped Param Source[7]

9008	418017	UINT16	R/W	Grouped Param Source[8]
9009	418019	UINT16	R/W	Grouped Param Source[9]
9010	418021	UINT16	R/W	Grouped Param Source[10]
9011	418023	UINT16	R/W	Grouped Param Source[11]
9024	418049	Long	R/O	Grouped Param Long[0]
9025	418051	Long	R/O	Grouped Param Long[1]
9026	418053	Long	R/O	Grouped Param Long[2]
9027	418055	Long	R/O	Grouped Param Long[3]
9028	418057	Long	R/O	Grouped Param Long[4]
9029	418059	Long	R/O	Grouped Param Long[5]
9030	418061	Long	R/O	Grouped Param Long[6]
9031	418063	Long	R/O	Grouped Param Long[7]
9032	418065	Long	R/O	Grouped Param Long[8]
9033	418067	Long	R/O	Grouped Param Long[9]
9034	418069	Long	R/O	Grouped Param Long[10]
9035	418071	Long	R/O	Grouped Param Long[11]

Event Card Modbus Table

Register	Name	Data Type
30001	Event Header - Event ID	UINT16
30002	Event Header - Reason Code	UINT16
30003	Event Header - Timestamp	UINT32
30004		
30005	Event Header - Card Count	UINT16
30006	Event Header - Load Scaling Index	UINT16
30007	Card Header 1 - Data Count	UINT16
30008	Card Header 1 - Original Count	UINT16
30009	Card Header 1 - Skip Factor	UINT16
30010	Card Header 1 - Load Offset	UINT16
30011	Card Header 1 - Pump Fillage	UINT16
30012	Card Header 1 - Flags	UINT16
30013	Surface Card 1 Point 1 - Load	UINT16
30014	Surface Card 1 Point 1 - Position	UINT16
30015	Surface Card 1 Point 2 - Load	UINT16
30016	Surface Card 1 Point 2 - Position	UINT16
30017	Surface Card 1 Point 3 - Load	UINT16
30018	Surface Card 1 Point 3 - Position	UINT16
30019	Surface Card 1 Point 4 - Load	UINT16
30020	Surface Card 1 Point 4 - Position	UINT16
30021	Surface Card 1 Point 5 - Load	UINT16
30022	Surface Card 1 Point 5 - Position	UINT16
30023	Surface Card 1 Point 6 - Load	UINT16
30024	Surface Card 1 Point 6 - Position	UINT16
30025	Surface Card 1 Point 7 - Load	UINT16
30026	Surface Card 1 Point 7 - Position	UINT16
30027	Surface Card 1 Point 8 - Load	UINT16
30028	Surface Card 1 Point 8 - Position	UINT16
30029	Surface Card 1 Point 9 - Load	UINT16
30030	Surface Card 1 Point 9 - Position	UINT16
30031	Surface Card 1 Point 10 - Load	UINT16
30032	Surface Card 1 Point 10 - Position	UINT16
30033	Surface Card 1 Point 11 - Load	UINT16
30034	Surface Card 1 Point 11 - Position	UINT16
30035	Surface Card 1 Point 12 - Load	UINT16
30036	Surface Card 1 Point 12 - Position	UINT16

30037	Surface Card 1 Point 13 - Load	UINT16
30038	Surface Card 1 Point 13 - Position	UINT16
30039	Surface Card 1 Point 14 - Load	UINT16
30040	Surface Card 1 Point 14 - Position	UINT16
30041	Surface Card 1 Point 15 - Load	UINT16
30042	Surface Card 1 Point 15 - Position	UINT16
30043	Surface Card 1 Point 16 - Load	UINT16
30044	Surface Card 1 Point 16 - Position	UINT16
30045	Surface Card 1 Point 17 - Load	UINT16
30046	Surface Card 1 Point 17 - Position	UINT16
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30072	Surface Card 1 Point 30 - Position	UINT16
30073	Surface Card 1 Point 31 - Load	UINT16
30074	Surface Card 1 Point 31 - Position	UINT16
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30076	Surface Card 1 Point 32 - Position	UINT16

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30082	Surface Card 1 Point 35 - Position	UINT16
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30236	Surface Card 1 Point 112 - Position	UINT16

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30238	Surface Card 1 Point 113 - Position	UINT16
30239	Surface Card 1 Point 114 - Load	UINT16
30240	Surface Card 1 Point 114 - Position	UINT16
30241	Surface Card 1 Point 115 - Load	UINT16
30242	Surface Card 1 Point 115 - Position	UINT16
30243	Surface Card 1 Point 116 - Load	UINT16
30244	Surface Card 1 Point 116 - Position	UINT16
30245	Surface Card 1 Point 117 - Load	UINT16
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30796	Downhole Card 1 Point 192 - Position	UINT16

176

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30812	Downhole Card 1 Point 200 - Position	UINT16
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30814	Card Header 2 - Original Count	UINT16
30815	Card Header 2 - Skip Factor	UINT16
30816	Card Header 2 - Load Offset	UINT16
30817	Card Header 2 - Pump Fillage	UINT16
30818	Card Header 2 - Flags	UINT16
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31620	Card Header 3 - Original Count	UINT16
31621	Card Header 3 - Skip Factor	UINT16
31622	Card Header 3 - Load Offset	UINT16
31623	Card Header 3 - Pump Fillage	UINT16
31624	Card Header 3 - Flags	UINT16
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32423	Downhole Card 3 Point 200 - Load	INT16
32424	Downhole Card 3 Point 200 - Position	UINT16
32425	Card Header 4 - Data Count	UINT16
32426	Card Header 4 - Original Count	UINT16
32427	Card Header 4 - Skip Factor	UINT16
32428	Card Header 4 - Load Offset	UINT16
32429	Card Header 4 - Pump Fillage	UINT16
32430	Card Header 4 - Flags	UINT16
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33228	Downhole Card 4 Point 199 - Position	UINT16
33229	Downhole Card 4 Point 200 - Load	INT16
33230	Downhole Card 4 Point 200 - Position	UINT16
33231	Card Header 5 - Data Count	UINT16
33232	Card Header 5 - Original Count	UINT16
33233	Card Header 5 - Skip Factor	UINT16
33234	Card Header 5 - Load Offset	UINT16
33235	Card Header 5 - Pump Fillage	UINT16
33236	Card Header 5 - Flags	UINT16

33237	Surface Card 5 Point 1 - Load	UINT16
33238	Surface Card 5 Point 1 - Position	UINT16
33239	Surface Card 5 Point 2 - Load	UINT16
33240	Surface Card 5 Point 2 - Position	UINT16
33241	Surface Card 5 Point 3 - Load	UINT16
33242	Surface Card 5 Point 3 - Position	UINT16
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33244	Surface Card 5 Point 4 - Position	UINT16
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33247	Surface Card 5 Point 6 - Load	UINT16
33248	Surface Card 5 Point 6 - Position	UINT16
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33950	Downhole Card 5 Point 157 - Position	UINT16
33951	Downhole Card 5 Point 158 - Load	INT16
33952	Downhole Card 5 Point 158 - Position	UINT16
33953	Downhole Card 5 Point 159 - Load	INT16
33954	Downhole Card 5 Point 159 - Position	UINT16
33955	Downhole Card 5 Point 160 - Load	INT16
33956	Downhole Card 5 Point 160 - Position	UINT16

33957	Downhole Card 5 Point 161 - Load	INT16
33958	Downhole Card 5 Point 161 - Position	UINT16
33959	Downhole Card 5 Point 162 - Load	INT16
33960	Downhole Card 5 Point 162 - Position	UINT16
33961	Downhole Card 5 Point 163 - Load	INT16
33962	Downhole Card 5 Point 163 - Position	UINT16
33963	Downhole Card 5 Point 164 - Load	INT16
33964	Downhole Card 5 Point 164 - Position	UINT16
33965	Downhole Card 5 Point 165 - Load	INT16
33966	Downhole Card 5 Point 165 - Position	UINT16
33967	Downhole Card 5 Point 166 - Load	INT16
33968	Downhole Card 5 Point 166 - Position	UINT16
33969	Downhole Card 5 Point 167 - Load	INT16
33970	Downhole Card 5 Point 167 - Position	UINT16
33971	Downhole Card 5 Point 168 - Load	INT16
33972	Downhole Card 5 Point 168 - Position	UINT16
33973	Downhole Card 5 Point 169 - Load	INT16
33974	Downhole Card 5 Point 169 - Position	UINT16
33975	Downhole Card 5 Point 170 - Load	INT16
33976	Downhole Card 5 Point 170 - Position	UINT16
33977	Downhole Card 5 Point 171 - Load	INT16
33978	Downhole Card 5 Point 171 - Position	UINT16
33979	Downhole Card 5 Point 172 - Load	INT16
33980	Downhole Card 5 Point 172 - Position	UINT16
33981	Downhole Card 5 Point 173 - Load	INT16
33982	Downhole Card 5 Point 173 - Position	UINT16
33983	Downhole Card 5 Point 174 - Load	INT16
33984	Downhole Card 5 Point 174 - Position	UINT16
33985	Downhole Card 5 Point 175 - Load	INT16
33986	Downhole Card 5 Point 175 - Position	UINT16
33987	Downhole Card 5 Point 176 - Load	INT16
33988	Downhole Card 5 Point 176 - Position	UINT16
33989	Downhole Card 5 Point 177 - Load	INT16
33990	Downhole Card 5 Point 177 - Position	UINT16
33991	Downhole Card 5 Point 178 - Load	INT16
33992	Downhole Card 5 Point 178 - Position	UINT16
33993	Downhole Card 5 Point 179 - Load	INT16
33994	Downhole Card 5 Point 179 - Position	UINT16
33995	Downhole Card 5 Point 180 - Load	INT16
33996	Downhole Card 5 Point 180 - Position	UINT16

33997	Downhole Card 5 Point 181 - Load	INT16
33998	Downhole Card 5 Point 181 - Position	UINT16
33999	Downhole Card 5 Point 182 - Load	INT16
34000	Downhole Card 5 Point 182 - Position	UINT16
34001	Downhole Card 5 Point 183 - Load	INT16
34002	Downhole Card 5 Point 183 - Position	UINT16
34003	Downhole Card 5 Point 184 - Load	INT16
34004	Downhole Card 5 Point 184 - Position	UINT16
34005	Downhole Card 5 Point 185 - Load	INT16
34006	Downhole Card 5 Point 185 - Position	UINT16
34007	Downhole Card 5 Point 186 - Load	INT16
34008	Downhole Card 5 Point 186 - Position	UINT16
34009	Downhole Card 5 Point 187 - Load	INT16
34010	Downhole Card 5 Point 187 - Position	UINT16
34011	Downhole Card 5 Point 188 - Load	INT16
34012	Downhole Card 5 Point 188 - Position	UINT16
34013	Downhole Card 5 Point 189 - Load	INT16
34014	Downhole Card 5 Point 189 - Position	UINT16
34015	Downhole Card 5 Point 190 - Load	INT16
34016	Downhole Card 5 Point 190 - Position	UINT16
34017	Downhole Card 5 Point 191 - Load	INT16
34018	Downhole Card 5 Point 191 - Position	UINT16
34019	Downhole Card 5 Point 192 - Load	INT16
34020	Downhole Card 5 Point 192 - Position	UINT16
34021	Downhole Card 5 Point 193 - Load	INT16
34022	Downhole Card 5 Point 193 - Position	UINT16
34023	Downhole Card 5 Point 194 - Load	INT16
34024	Downhole Card 5 Point 194 - Position	UINT16
34025	Downhole Card 5 Point 195 - Load	INT16
34026	Downhole Card 5 Point 195 - Position	UINT16
34027	Downhole Card 5 Point 196 - Load	INT16
34028	Downhole Card 5 Point 196 - Position	UINT16
34029	Downhole Card 5 Point 197 - Load	INT16
34030	Downhole Card 5 Point 197 - Position	UINT16
34031	Downhole Card 5 Point 198 - Load	INT16
34032	Downhole Card 5 Point 198 - Position	UINT16
34033	Downhole Card 5 Point 199 - Load	INT16
34034	Downhole Card 5 Point 199 - Position	UINT16
34035	Downhole Card 5 Point 200 - Load	INT16
34036	Downhole Card 5 Point 200 - Position	UINT16

Event Directory Modbus Table

Register	Name	Data Type
35000	Event 1 - Event ID	UINT16
35001	Event 1 - Reason Code	UINT16
35002	Event 1 - Timestamp	UINT32
35003		
35004	Event 1 - # of Cards	UINT16
35005	Event 1 - Downhole	UINT16
35006	Event 2 - Event ID	UINT16
35007	Event 2 - Reason Code	UINT16
35008	Event 2 - Timestamp	UINT32
35009		
35010	Event 2 - # of Cards	UINT16
35011	Event 2 - Downhole	UINT16
35012	Event 3 - Event ID	UINT16
35013	Event 3 - Reason Code	UINT16
35014	Event 3 - Timestamp	UINT32
35015		
35016	Event 3 - # of Cards	UINT16
35017	Event 3 - Downhole	UINT16
35018	Event 4 - Event ID	UINT16
35019	Event 4 - Reason Code	UINT16
35020	Event 4 - Timestamp	UINT32
35021		
35022	Event 4 - # of Cards	UINT16
35023	Event 4 - Downhole	UINT16
35024	Event 5 - Event ID	UINT16
35025	Event 5 - Reason Code	UINT16
35026	Event 5 - Timestamp	UINT32
35027		
35028	Event 5 - # of Cards	UINT16
35029	Event 5 - Downhole	UINT16
35030	Event 6 - Event ID	UINT16
35031	Event 6 - Reason Code	UINT16
35032	Event 6 - Timestamp	UINT32
35033		
35034	Event 6 - # of Cards	UINT16

35035	Event 6 - Downhole	UINT16
35036	Event 7 - Event ID	UINT16
35037	Event 7 - Reason Code	UINT16
35038	Event 7 - Timestamp	UINT32
35039		
35040	Event 7 - # of Cards	UINT16
35041	Event 7 - Downhole	UINT16
35042	Event 8 - Event ID	UINT16
35043	Event 8 - Reason Code	UINT16
35044	Event 8 - Timestamp	UINT32
35045		
35046	Event 8 - # of Cards	UINT16
35047	Event 8 - Downhole	UINT16
35048	Event 9 - Event ID	UINT16
35049	Event 9 - Reason Code	UINT16
35050	Event 9 - Timestamp	UINT32
35051		
35052	Event 9 - # of Cards	UINT16
35053	Event 9 - Downhole	UINT16
35054	Event 10 - Event ID	UINT16
35055	Event 10 - Reason Code	UINT16
35056	Event 10 - Timestamp	UINT32
35057		
35058	Event 10 - # of Cards	UINT16
35059	Event 10 - Downhole	UINT16
35060	Event 11 - Event ID	UINT16
35061	Event 11 - Reason Code	UINT16
35062	Event 11 - Timestamp	UINT32
35063		
35064	Event 11 - # of Cards	UINT16
35065	Event 11 - Downhole	UINT16
35066	Event 12 - Event ID	UINT16
35067	Event 12 - Reason Code	UINT16
35068	Event 12 - Timestamp	UINT32
35069		
35070	Event 12 - # of Cards	UINT16
35071	Event 12 - Downhole	UINT16
35072	Event 13 - Event ID	UINT16
35073	Event 13 - Reason Code	UINT16
35074	Event 13 - Timestamp	UINT32

35075		
35076	Event 13 - # of Cards	UINT16
35077	Event 13 - Downhole	UINT16
35078	Event 14 - Event ID	UINT16
35079	Event 14 - Reason Code	UINT16
35080	Event 14 - Timestamp	UINT32
35081		
35082	Event 14 - # of Cards	UINT16
35083	Event 14 - Downhole	UINT16
35084	Event 15 - Event ID	UINT16
35085	Event 15 - Reason Code	UINT16
35086	Event 15 - Timestamp	UINT32
35087		
35088	Event 15 - # of Cards	UINT16
35089	Event 15 - Downhole	UINT16
35090	Event 16 - Event ID	UINT16
35091	Event 16 - Reason Code	UINT16
35092	Event 16 - Timestamp	UINT32
35093		
35094	Event 16 - # of Cards	UINT16
35095	Event 16 - Downhole	UINT16
35096	Event 17 - Event ID	UINT16
35097	Event 17 - Reason Code	UINT16
35098	Event 17 - Timestamp	UINT32
35099		
35100	Event 17 - # of Cards	UINT16
35101	Event 17 - Downhole	UINT16
35102	Event 18 - Event ID	UINT16
35103	Event 18 - Reason Code	UINT16
35104	Event 18 - Timestamp	UINT32
35105		
35106	Event 18 - # of Cards	UINT16
35107	Event 18 - Downhole	UINT16
35108	Event 19 - Event ID	UINT16
35109	Event 19 - Reason Code	UINT16
35110	Event 19 - Timestamp	UINT32
35111		
35112	Event 19 - # of Cards	UINT16
35113	Event 19 - Downhole	UINT16
35114	Event 20 - Event ID	UINT16

35115	Event 20 - Reason Code	UINT16
35116	Event 20 - Timestamp	UINT32
35117		
35118	Event 20 - # of Cards	UINT16
35119	Event 20 - Downhole	UINT16
35120	Event 21 - Event ID	UINT16
35121	Event 21 - Reason Code	UINT16
35122	Event 21 - Timestamp	UINT32
35123		
35124	Event 21 - # of Cards	UINT16
35125	Event 21 - Downhole	UINT16
35126	Event 22 - Event ID	UINT16
35127	Event 22 - Reason Code	UINT16
35128	Event 22 - Timestamp	UINT32
35129		
35130	Event 22 - # of Cards	UINT16
35131	Event 22 - Downhole	UINT16
35132	Event 23 - Event ID	UINT16
35133	Event 23 - Reason Code	UINT16
35134	Event 23 - Timestamp	UINT32
35135		
35136	Event 23 - # of Cards	UINT16
35137	Event 23 - Downhole	UINT16
35138	Event 24 - Event ID	UINT16
35139	Event 24 - Reason Code	UINT16
35140	Event 24 - Timestamp	UINT32
35141		
35142	Event 24 - # of Cards	UINT16
35143	Event 24 - Downhole	UINT16
35144	Event 25 - Event ID	UINT16
35145	Event 25 - Reason Code	UINT16
35146	Event 25 - Timestamp	UINT32
35147		
35148	Event 25 - # of Cards	UINT16
35149	Event 25 - Downhole	UINT16
35150	Event 26 - Event ID	UINT16
35151	Event 26 - Reason Code	UINT16
35152	Event 26 - Timestamp	UINT32
35153		
35154	Event 26 - # of Cards	UINT16

35155	Event 26 - Downhole	UINT16
35156	Event 27 - Event ID	UINT16
35157	Event 27 - Reason Code	UINT16
35158	Event 27 - Timestamp	UINT32
35159		
35160	Event 27 - # of Cards	UINT16
35161	Event 27 - Downhole	UINT16
35162	Event 28 - Event ID	UINT16
35163	Event 28 - Reason Code	UINT16
35164	Event 28 - Timestamp	UINT32
35165		
35166	Event 28 - # of Cards	UINT16
35167	Event 28 - Downhole	UINT16
35168	Event 29 - Event ID	UINT16
35169	Event 29 - Reason Code	UINT16
35170	Event 29 - Timestamp	UINT32
35171		
35172	Event 29 - # of Cards	UINT16
35173	Event 29 - Downhole	UINT16
35174	Event 30 - Event ID	UINT16
35175	Event 30 - Reason Code	UINT16
35176	Event 30 - Timestamp	UINT32
35177		
35178	Event 30 - # of Cards	UINT16
35179	Event 30 - Downhole	UINT16
35180	Event 31 - Event ID	UINT16
35181	Event 31 - Reason Code	UINT16
35182	Event 31 - Timestamp	UINT32
35183		
35184	Event 31 - # of Cards	UINT16
35185	Event 31 - Downhole	UINT16
35186	Event 32 - Event ID	UINT16
35187	Event 32 - Reason Code	UINT16
35188	Event 32 - Timestamp	UINT32
35189		
35190	Event 32 - # of Cards	UINT16
35191	Event 32 - Downhole	UINT16
35192	Event 33 - Event ID	UINT16
35193	Event 33 - Reason Code	UINT16
35194	Event 33 - Timestamp	UINT32

35195		
35196	Event 33 - # of Cards	UINT16
35197	Event 33 - Downhole	UINT16
35198	Event 34 - Event ID	UINT16
35199	Event 34 - Reason Code	UINT16
35200	Event 34 - Timestamp	UINT32
35201		
35202	Event 34 - # of Cards	UINT16
35203	Event 34 - Downhole	UINT16
35204	Event 35 - Event ID	UINT16
35205	Event 35 - Reason Code	UINT16
35206	Event 35 - Timestamp	UINT32
35207		
35208	Event 35 - # of Cards	UINT16
35209	Event 35 - Downhole	UINT16
35210	Event 36 - Event ID	UINT16
35211	Event 36 - Reason Code	UINT16
35212	Event 36 - Timestamp	UINT32
35213		
35214	Event 36 - # of Cards	UINT16
35215	Event 36 - Downhole	UINT16
35216	Event 37 - Event ID	UINT16
35217	Event 37 - Reason Code	UINT16
35218	Event 37 - Timestamp	UINT32
35219		
35220	Event 37 - # of Cards	UINT16
35221	Event 37 - Downhole	UINT16
35222	Event 38 - Event ID	UINT16
35223	Event 38 - Reason Code	UINT16
35224	Event 38 - Timestamp	UINT32
35225		
35226	Event 38 - # of Cards	UINT16
35227	Event 38 - Downhole	UINT16
35228	Event 39 - Event ID	UINT16
35229	Event 39 - Reason Code	UINT16
35230	Event 39 - Timestamp	UINT32
35231		
35232	Event 39 - # of Cards	UINT16
35233	Event 39 - Downhole	UINT16
35234	Event 40 - Event ID	UINT16

35235	Event 40 - Reason Code	UINT16
35236	Event 40 - Timestamp	UINT32
35237		
35238	Event 40 - # of Cards	UINT16
35239	Event 40 - Downhole	UINT16
35240	Event 41 - Event ID	UINT16
35241	Event 41 - Reason Code	UINT16
35242	Event 41 - Timestamp	UINT32
35243		
35244	Event 41 - # of Cards	UINT16
35245	Event 41 - Downhole	UINT16
35246	Event 42 - Event ID	UINT16
35247	Event 42 - Reason Code	UINT16
35248	Event 42 - Timestamp	UINT32
35249		
35250	Event 42 - # of Cards	UINT16
35251	Event 42 - Downhole	UINT16
35252	Event 43 - Event ID	UINT16
35253	Event 43 - Reason Code	UINT16
35254	Event 43 - Timestamp	UINT32
35255		
35256	Event 43 - # of Cards	UINT16
35257	Event 43 - Downhole	UINT16
35258	Event 44 - Event ID	UINT16
35259	Event 44 - Reason Code	UINT16
35260	Event 44 - Timestamp	UINT32
35261		
35262	Event 44 - # of Cards	UINT16
35263	Event 44 - Downhole	UINT16
35264	Event 45 - Event ID	UINT16
35265	Event 45 - Reason Code	UINT16
35266	Event 45 - Timestamp	UINT32
35267		
35268	Event 45 - # of Cards	UINT16
35269	Event 45 - Downhole	UINT16
35270	Event 46 - Event ID	UINT16
35271	Event 46 - Reason Code	UINT16
35272	Event 46 - Timestamp	UINT32
35273		
35274	Event 46 - # of Cards	UINT16

35275	Event 46 - Downhole	UINT16
35276	Event 47 - Event ID	UINT16
35277	Event 47 - Reason Code	UINT16
35278	Event 47 - Timestamp	UINT32
35279		
35280	Event 47 - # of Cards	UINT16
35281	Event 47 - Downhole	UINT16
35282	Event 48 - Event ID	UINT16
35283	Event 48 - Reason Code	UINT16
35284	Event 48 - Timestamp	UINT32
35285		
35286	Event 48 - # of Cards	UINT16
35287	Event 48 - Downhole	UINT16
35288	Event 49 - Event ID	UINT16
35289	Event 49 - Reason Code	UINT16
35290	Event 49 - Timestamp	UINT32
35291		
35292	Event 49 - # of Cards	UINT16
35293	Event 49 - Downhole	UINT16
35294	Event 50 - Event ID	UINT16
35295	Event 50 - Reason Code	UINT16
35296	Event 50 - Timestamp	UINT32
35297		
35298	Event 50 - # of Cards	UINT16
35299	Event 50 - Downhole	UINT16
35300	Event 51 - Event ID	UINT16
35301	Event 51 - Reason Code	UINT16
35302	Event 51 - Timestamp	UINT32
35303		
35304	Event 51 - # of Cards	UINT16
35305	Event 51 - Downhole	UINT16
35306	Event 52 - Event ID	UINT16
35307	Event 52 - Reason Code	UINT16
35308	Event 52 - Timestamp	UINT32
35309		
35310	Event 52 - # of Cards	UINT16
35311	Event 52 - Downhole	UINT16
35312	Event 53 - Event ID	UINT16
35313	Event 53 - Reason Code	UINT16
35314	Event 53 - Timestamp	UINT32

35315		
35316	Event 53 - # of Cards	UINT16
35317	Event 53 - Downhole	UINT16
35318	Event 54 - Event ID	UINT16
35319	Event 54 - Reason Code	UINT16
35320	Event 54 - Timestamp	UINT32
35321		
35322	Event 54 - # of Cards	UINT16
35323	Event 54 - Downhole	UINT16
35324	Event 55 - Event ID	UINT16
35325	Event 55 - Reason Code	UINT16
35326	Event 55 - Timestamp	UINT32
35327		
35328	Event 55 - # of Cards	UINT16
35329	Event 55 - Downhole	UINT16
35330	Event 56 - Event ID	UINT16
35331	Event 56 - Reason Code	UINT16
35332	Event 56 - Timestamp	UINT32
35333		
35334	Event 56 - # of Cards	UINT16
35335	Event 56 - Downhole	UINT16
35336	Event 57 - Event ID	UINT16
35337	Event 57 - Reason Code	UINT16
35338	Event 57 - Timestamp	UINT32
35339		
35340	Event 57 - # of Cards	UINT16
35341	Event 57 - Downhole	UINT16
35342	Event 58 - Event ID	UINT16
35343	Event 58 - Reason Code	UINT16
35344	Event 58 - Timestamp	UINT32
35345		
35346	Event 58 - # of Cards	UINT16
35347	Event 58 - Downhole	UINT16
35348	Event 59 - Event ID	UINT16
35349	Event 59 - Reason Code	UINT16
35350	Event 59 - Timestamp	UINT32
35351		
35352	Event 59 - # of Cards	UINT16
35353	Event 59 - Downhole	UINT16
35354	Event 60 - Event ID	UINT16

35355	Event 60 - Reason Code	UINT16
35356	Event 60 - Timestamp	UINT32
35357		
35358	Event 60 - # of Cards	UINT16
35359	Event 60 - Downhole	UINT16
35360	Event 61 - Event ID	UINT16
35361	Event 61 - Reason Code	UINT16
35362	Event 61 - Timestamp	UINT32
35363		
35364	Event 61 - # of Cards	UINT16
35365	Event 61 - Downhole	UINT16
35366	Event 62 - Event ID	UINT16
35367	Event 62 - Reason Code	UINT16
35368	Event 62 - Timestamp	UINT32
35369		
35370	Event 62 - # of Cards	UINT16
35371	Event 62 - Downhole	UINT16
35372	Event 63 - Event ID	UINT16
35373	Event 63 - Reason Code	UINT16
35374	Event 63 - Timestamp	UINT32
35375		
35376	Event 63 - # of Cards	UINT16
35377	Event 63 - Downhole	UINT16
35378	Event 64 - Event ID	UINT16
35379	Event 64 - Reason Code	UINT16
35380	Event 64 - Timestamp	UINT32
35381		
35382	Event 64 - # of Cards	UINT16
35383	Event 64 - Downhole	UINT16
35384	Event 65 - Event ID	UINT16
35385	Event 65 - Reason Code	UINT16
35386	Event 65 - Timestamp	UINT32
35387		
35388	Event 65 - # of Cards	UINT16
35389	Event 65 - Downhole	UINT16
35390	Event 66 - Event ID	UINT16
35391	Event 66 - Reason Code	UINT16
35392	Event 66 - Timestamp	UINT32
35393		
35394	Event 66 - # of Cards	UINT16

35395	Event 66 - Downhole	UINT16
35396	Event 67 - Event ID	UINT16
35397	Event 67 - Reason Code	UINT16
35398	Event 67 - Timestamp	UINT32
35399		
35400	Event 67 - # of Cards	UINT16
35401	Event 67 - Downhole	UINT16
35402	Event 68 - Event ID	UINT16
35403	Event 68 - Reason Code	UINT16
35404	Event 68 - Timestamp	UINT32
35405		
35406	Event 68 - # of Cards	UINT16
35407	Event 68 - Downhole	UINT16
35408	Event 69 - Event ID	UINT16
35409	Event 69 - Reason Code	UINT16
35410	Event 69 - Timestamp	UINT32
35411		
35412	Event 69 - # of Cards	UINT16
35413	Event 69 - Downhole	UINT16
35414	Event 70 - Event ID	UINT16
35415	Event 70 - Reason Code	UINT16
35416	Event 70 - Timestamp	UINT32
35417		
35418	Event 70 - # of Cards	UINT16
35419	Event 70 - Downhole	UINT16
35420	Event 71 - Event ID	UINT16
35421	Event 71 - Reason Code	UINT16
35422	Event 71 - Timestamp	UINT32
35423		
35424	Event 71 - # of Cards	UINT16
35425	Event 71 - Downhole	UINT16
35426	Event 72 - Event ID	UINT16
35427	Event 72 - Reason Code	UINT16
35428	Event 72 - Timestamp	UINT32
35429		
35430	Event 72 - # of Cards	UINT16
35431	Event 72 - Downhole	UINT16
35432	Event 73 - Event ID	UINT16
35433	Event 73 - Reason Code	UINT16
35434	Event 73 - Timestamp	UINT32

35435		
35436	Event 73 - # of Cards	UINT16
35437	Event 73 - Downhole	UINT16
35438	Event 74 - Event ID	UINT16
35439	Event 74 - Reason Code	UINT16
35440	Event 74 - Timestamp	UINT32
35441		
35442	Event 74 - # of Cards	UINT16
35443	Event 74 - Downhole	UINT16
35444	Event 75 - Event ID	UINT16
35445	Event 75 - Reason Code	UINT16
35446	Event 75 - Timestamp	UINT32
35447		
35448	Event 75 - # of Cards	UINT16
35449	Event 75 - Downhole	UINT16
35450	Event 76 - Event ID	UINT16
35451	Event 76 - Reason Code	UINT16
35452	Event 76 - Timestamp	UINT32
35453		
35454	Event 76 - # of Cards	UINT16
35455	Event 76 - Downhole	UINT16
35456	Event 77 - Event ID	UINT16
35457	Event 77 - Reason Code	UINT16
35458	Event 77 - Timestamp	UINT32
35459		
35460	Event 77 - # of Cards	UINT16
35461	Event 77 - Downhole	UINT16
35462	Event 78 - Event ID	UINT16
35463	Event 78 - Reason Code	UINT16
35464	Event 78 - Timestamp	UINT32
35465		
35466	Event 78 - # of Cards	UINT16
35467	Event 78 - Downhole	UINT16
35468	Event 79 - Event ID	UINT16
35469	Event 79 - Reason Code	UINT16
35470	Event 79 - Timestamp	UINT32
35471		
35472	Event 79 - # of Cards	UINT16
35473	Event 79 - Downhole	UINT16
35474	Event 80 - Event ID	UINT16

35475	Event 80 - Reason Code	UINT16
35476	Event 80 - Timestamp	UINT32
35477		
35478	Event 80 - # of Cards	UINT16
35479	Event 80 - Downhole	UINT16
35480	Event 81 - Event ID	UINT16
35481	Event 81 - Reason Code	UINT16
35482	Event 81 - Timestamp	UINT32
35483		
35484	Event 81 - # of Cards	UINT16
35485	Event 81 - Downhole	UINT16
35486	Event 82 - Event ID	UINT16
35487	Event 82 - Reason Code	UINT16
35488	Event 82 - Timestamp	UINT32
35489		
35490	Event 82 - # of Cards	UINT16
35491	Event 82 - Downhole	UINT16
35492	Event 83 - Event ID	UINT16
35493	Event 83 - Reason Code	UINT16
35494	Event 83 - Timestamp	UINT32
35495		
35496	Event 83 - # of Cards	UINT16
35497	Event 83 - Downhole	UINT16
35498	Event 84 - Event ID	UINT16
35499	Event 84 - Reason Code	UINT16
35500	Event 84 - Timestamp	UINT32
35501		
35502	Event 84 - # of Cards	UINT16
35503	Event 84 - Downhole	UINT16
35504	Event 85 - Event ID	UINT16
35505	Event 85 - Reason Code	UINT16
35506	Event 85 - Timestamp	UINT32
35507		
35508	Event 85 - # of Cards	UINT16
35509	Event 85 - Downhole	UINT16
35510	Event 86 - Event ID	UINT16
35511	Event 86 - Reason Code	UINT16
35512	Event 86 - Timestamp	UINT32
35513		
35514	Event 86 - # of Cards	UINT16

35515	Event 86 - Downhole	UINT16
35516	Event 87 - Event ID	UINT16
35517	Event 87 - Reason Code	UINT16
35518	Event 87 - Timestamp	UINT32
35519		
35520	Event 87 - # of Cards	UINT16
35521	Event 87 - Downhole	UINT16
35522	Event 88 - Event ID	UINT16
35523	Event 88 - Reason Code	UINT16
35524	Event 88 - Timestamp	UINT32
35525		
35526	Event 88 - # of Cards	UINT16
35527	Event 88 - Downhole	UINT16
35528	Event 89 - Event ID	UINT16
35529	Event 89 - Reason Code	UINT16
35530	Event 89 - Timestamp	UINT32
35531		
35532	Event 89 - # of Cards	UINT16
35533	Event 89 - Downhole	UINT16
35534	Event 90 - Event ID	UINT16
35535	Event 90 - Reason Code	UINT16
35536	Event 90 - Timestamp	UINT32
35537		
35538	Event 90 - # of Cards	UINT16
35539	Event 90 - Downhole	UINT16
35540	Event 91 - Event ID	UINT16
35541	Event 91 - Reason Code	UINT16
35542	Event 91 - Timestamp	UINT32
35543		
35544	Event 91 - # of Cards	UINT16
35545	Event 91 - Downhole	UINT16
35546	Event 92 - Event ID	UINT16
35547	Event 92 - Reason Code	UINT16
35548	Event 92 - Timestamp	UINT32
35549		
35550	Event 92 - # of Cards	UINT16
35551	Event 92 - Downhole	UINT16
35552	Event 93 - Event ID	UINT16
35553	Event 93 - Reason Code	UINT16
35554	Event 93 - Timestamp	UINT32

35555		
35556	Event 93 - # of Cards	UINT16
35557	Event 93 - Downhole	UINT16
35558	Event 94 - Event ID	UINT16
35559	Event 94 - Reason Code	UINT16
35560	Event 94 - Timestamp	UINT32
35561		
35562	Event 94 - # of Cards	UINT16
35563	Event 94 - Downhole	UINT16
35564	Event 95 - Event ID	UINT16
35565	Event 95 - Reason Code	UINT16
35566	Event 95 - Timestamp	UINT32
35567		
35568	Event 95 - # of Cards	UINT16
35569	Event 95 - Downhole	UINT16
35570	Event 96 - Event ID	UINT16
35571	Event 96 - Reason Code	UINT16
35572	Event 96 - Timestamp	UINT32
35573		
35574	Event 96 - # of Cards	UINT16
35575	Event 96 - Downhole	UINT16
35576	Event 97 - Event ID	UINT16
35577	Event 97 - Reason Code	UINT16
35578	Event 97 - Timestamp	UINT32
35579		
35580	Event 97 - # of Cards	UINT16
35581	Event 97 - Downhole	UINT16
35582	Event 98 - Event ID	UINT16
35583	Event 98 - Reason Code	UINT16
35584	Event 98 - Timestamp	UINT32
35585		
35586	Event 98 - # of Cards	UINT16
35587	Event 98 - Downhole	UINT16
35588	Event 99 - Event ID	UINT16
35589	Event 99 - Reason Code	UINT16
35590	Event 99 - Timestamp	UINT32
35591		
35592	Event 99 - # of Cards	UINT16
35593	Event 99 - Downhole	UINT16
35594	Event 100 - Event ID	UINT16

35595	Event 100 - Reason Code	UINT16
35596	Event 100 - Timestamp	UINT32
35597		
35598	Event 100 - # of Cards	UINT16
35599	Event 100 - Downhole	UINT16
35600	Event 101 - Event ID	UINT16
35601	Event 101 - Reason Code	UINT16
35602	Event 101 - Timestamp	UINT32
35603		
35604	Event 101 - # of Cards	UINT16
35605	Event 101 - Downhole	UINT16
35606	Event 102 - Event ID	UINT16
35607	Event 102 - Reason Code	UINT16
35608	Event 102 - Timestamp	UINT32
35609		
35610	Event 102 - # of Cards	UINT16
35611	Event 102 - Downhole	UINT16
35612	Event 103 - Event ID	UINT16
35613	Event 103 - Reason Code	UINT16
35614	Event 103 - Timestamp	UINT32
35615		
35616	Event 103 - # of Cards	UINT16
35617	Event 103 - Downhole	UINT16
35618	Event 104 - Event ID	UINT16
35619	Event 104 - Reason Code	UINT16
35620	Event 104 - Timestamp	UINT32
35621		
35622	Event 104 - # of Cards	UINT16
35623	Event 104 - Downhole	UINT16
35624	Event 105 - Event ID	UINT16
35625	Event 105 - Reason Code	UINT16
35626	Event 105 - Timestamp	UINT32
35627		
35628	Event 105 - # of Cards	UINT16
35629	Event 105 - Downhole	UINT16

35630	Event 106 - Event ID	UINT16
35631	Event 106 - Reason Code	UINT16
35632	Event 106 - Timestamp	UINT32
35633		
35634	Event 106 - # of Cards	UINT16
35635	Event 106 - Downhole	UINT16
35636	Event 107 - Event ID	UINT16
35637	Event 107 - Reason Code	UINT16
35638	Event 107 - Timestamp	UINT32
35639		
35640	Event 107 - # of Cards	UINT16
35641	Event 107 - Downhole	UINT16
35642	Event 108 - Event ID	UINT16
35643	Event 108 - Reason Code	UINT16
35644	Event 108 - Timestamp	UINT32
35645		
35646	Event 108 - # of Cards	UINT16
35647	Event 108 - Downhole	UINT16
35648	Event 109 - Event ID	UINT16
35649	Event 109 - Reason Code	UINT16
35650	Event 109 - Timestamp	UINT32
35651		
35652	Event 109 - # of Cards	UINT16
35653	Event 109 - Downhole	UINT16
35654	Event 110 - Event ID	UINT16
35655	Event 110 - Reason Code	UINT16
35656	Event 110 - Timestamp	UINT32
35657		
35658	Event 110 - # of Cards	UINT16
35659	Event 110 - Downhole	UINT16
35660	Event 111 - Event ID	UINT16
35661	Event 111 - Reason Code	UINT16
35662	Event 111 - Timestamp	UINT32
35663		
35664	Event 111 - # of Cards	UINT16

35665	Event 111 - Downhole	UINT16
35666	Event 112 - Event ID	UINT16
35667	Event 112 - Reason Code	UINT16
35668	Event 112 - Timestamp	UINT32
35669		
35670	Event 112 - # of Cards	UINT16
35671	Event 112 - Downhole	UINT16
35672	Event 113 - Event ID	UINT16
35673	Event 113 - Reason Code	UINT16
35674	Event 113 - Timestamp	UINT32
35675		
35676	Event 113 - # of Cards	UINT16
35677	Event 113 - Downhole	UINT16
35678	Event 114 - Event ID	UINT16
35679	Event 114 - Reason Code	UINT16
35680	Event 114 - Timestamp	UINT32
35681		
35682	Event 114 - # of Cards	UINT16
35683	Event 114 - Downhole	UINT16
35684	Event 115 - Event ID	UINT16
35685	Event 115 - Reason Code	UINT16
35686	Event 115 - Timestamp	UINT32
35687		
35688	Event 115 - # of Cards	UINT16
35689	Event 115 - Downhole	UINT16
35690	Event 116 - Event ID	UINT16
35691	Event 116 - Reason Code	UINT16
35692	Event 116 - Timestamp	UINT32
35693		
35694	Event 116 - # of Cards	UINT16
35695	Event 116 - Downhole	UINT16
35696	Event 117 - Event ID	UINT16
35697	Event 117 - Reason Code	UINT16
35698	Event 117 - Timestamp	UINT32
35699		

35700	Event 117 - # of Cards	UINT16
35701	Event 117 - Downhole	UINT16
35702	Event 118 - Event ID	UINT16
35703	Event 118 - Reason Code	UINT16
35704	Event 118 - Timestamp	UINT32
35705		
35706	Event 118 - # of Cards	UINT16
35707	Event 118 - Downhole	UINT16
35708	Event 119 - Event ID	UINT16
35709	Event 119 - Reason Code	UINT16
35710	Event 119 - Timestamp	UINT32
35711		
35712	Event 119 - # of Cards	UINT16
35713	Event 119 - Downhole	UINT16
35714	Event 120 - Event ID	UINT16
35715	Event 120 - Reason Code	UINT16
35716	Event 120 - Timestamp	UINT32
35717		
35718	Event 120 - # of Cards	UINT16
35719	Event 120 - Downhole	UINT16
35720	Event 121 - Event ID	UINT16
35721	Event 121 - Reason Code	UINT16
35722	Event 121 - Timestamp	UINT32
35723		
35724	Event 121 - # of Cards	UINT16
35725	Event 121 - Downhole	UINT16
35726	Event 122 - Event ID	UINT16
35727	Event 122 - Reason Code	UINT16
35728	Event 122 - Timestamp	UINT32
35729		
35730	Event 122 - # of Cards	UINT16
35731	Event 122 - Downhole	UINT16
35732	Event 123 - Event ID	UINT16
35733	Event 123 - Reason Code	UINT16
35734	Event 123 - Timestamp	UINT32

35735		
35736	Event 123 - # of Cards	UINT16
35737	Event 123 - Downhole	UINT16
35738	Event 124 - Event ID	UINT16
35739	Event 124 - Reason Code	UINT16
35740	Event 124 - Timestamp	UINT32
35741		
35742	Event 124 - # of Cards	UINT16
35743	Event 124 - Downhole	UINT16
35744	Event 125 - Event ID	UINT16
35745	Event 125 - Reason Code	UINT16
35746	Event 125 - Timestamp	UINT32
35747		
35748	Event 125 - # of Cards	UINT16
35749	Event 125 - Downhole	UINT16
35750	Event 126 - Event ID	UINT16
35751	Event 126 - Reason Code	UINT16
35752	Event 126 - Timestamp	UINT32
35753		
35754	Event 126 - # of Cards	UINT16
35755	Event 126 - Downhole	UINT16
35756	Event 127 - Event ID	UINT16
35757	Event 127 - Reason Code	UINT16
35758	Event 127 - Timestamp	UINT32
35759		
35760	Event 127 - # of Cards	UINT16
35761	Event 127 - Downhole	UINT16
35762	Event 128 - Event ID	UINT16
35763	Event 128 - Reason Code	UINT16
35764	Event 128 - Timestamp	UINT32
35765		
35766	Event 128 - # of Cards	UINT16
35767	Event 128 - Downhole	UINT16
35768	Event 129 - Event ID	UINT16
35769	Event 129 - Reason Code	UINT16

35770	Event 129 - Timestamp	UINT32
35771		
35772	Event 129 - # of Cards	UINT16
35773	Event 129 - Downhole	UINT16
35774	Event 130 - Event ID	UINT16
35775	Event 130 - Reason Code	UINT16
35776	Event 130 - Timestamp	UINT32
35777		
35778	Event 130 - # of Cards	UINT16
35779	Event 130 - Downhole	UINT16
35780	Event 131 - Event ID	UINT16
35781	Event 131 - Reason Code	UINT16
35782	Event 131 - Timestamp	UINT32
35783		
35784	Event 131 - # of Cards	UINT16
35785	Event 131 - Downhole	UINT16
35786	Event 132 - Event ID	UINT16
35787	Event 132 - Reason Code	UINT16
35788	Event 132 - Timestamp	UINT32
35789		
35790	Event 132 - # of Cards	UINT16
35791	Event 132 - Downhole	UINT16
35792	Event 133 - Event ID	UINT16
35793	Event 133 - Reason Code	UINT16
35794	Event 133 - Timestamp	UINT32
35795		
35796	Event 133 - # of Cards	UINT16
35797	Event 133 - Downhole	UINT16
35798	Event 134 - Event ID	UINT16
35799	Event 134 - Reason Code	UINT16
35800	Event 134 - Timestamp	UINT32
35801		
35802	Event 134 - # of Cards	UINT16
35803	Event 134 - Downhole	UINT16
35804	Event 135 - Event ID	UINT16

35805	Event 135 - Reason Code	UINT16
35806	Event 135 - Timestamp	UINT32
35807		
35808	Event 135 - # of Cards	UINT16
35809	Event 135 - Downhole	UINT16
35810	Event 136 - Event ID	UINT16
35811	Event 136 - Reason Code	UINT16
35812	Event 136 - Timestamp	UINT32
35813		
35814	Event 136 - # of Cards	UINT16
35815	Event 136 - Downhole	UINT16
35816	Event 137 - Event ID	UINT16
35817	Event 137 - Reason Code	UINT16
35818	Event 137 - Timestamp	UINT32
35819		
35820	Event 137 - # of Cards	UINT16
35821	Event 137 - Downhole	UINT16
35822	Event 138 - Event ID	UINT16
35823	Event 138 - Reason Code	UINT16
35824	Event 138 - Timestamp	UINT32
35825		
35826	Event 138 - # of Cards	UINT16
35827	Event 138 - Downhole	UINT16
35828	Event 139 - Event ID	UINT16
35829	Event 139 - Reason Code	UINT16
35830	Event 139 - Timestamp	UINT32
35831		
35832	Event 139 - # of Cards	UINT16
35833	Event 139 - Downhole	UINT16
35834	Event 140 - Event ID	UINT16
35835	Event 140 - Reason Code	UINT16
35836	Event 140 - Timestamp	UINT32
35837		
35838	Event 140 - # of Cards	UINT16
35839	Event 140 - Downhole	UINT16

35840	Event 141 - Event ID	UINT16
35841	Event 141 - Reason Code	UINT16
35842	Event 141 - Timestamp	UINT32
35843		
35844	Event 141 - # of Cards	UINT16
35845	Event 141 - Downhole	UINT16
35846	Event 142 - Event ID	UINT16
35847	Event 142 - Reason Code	UINT16
35848	Event 142 - Timestamp	UINT32
35849		
35850	Event 142 - # of Cards	UINT16
35851	Event 142 - Downhole	UINT16
35852	Event 143 - Event ID	UINT16
35853	Event 143 - Reason Code	UINT16
35854	Event 143 - Timestamp	UINT32
35855		
35856	Event 143 - # of Cards	UINT16
35857	Event 143 - Downhole	UINT16
35858	Event 144 - Event ID	UINT16
35859	Event 144 - Reason Code	UINT16
35860	Event 144 - Timestamp	UINT32
35861		
35862	Event 144 - # of Cards	UINT16
35863	Event 144 - Downhole	UINT16
35864	Event 145 - Event ID	UINT16
35865	Event 145 - Reason Code	UINT16
35866	Event 145 - Timestamp	UINT32
35867		
35868	Event 145 - # of Cards	UINT16
35869	Event 145 - Downhole	UINT16
35870	Event 146 - Event ID	UINT16
35871	Event 146 - Reason Code	UINT16
35872	Event 146 - Timestamp	UINT32
35873		
35874	Event 146 - # of Cards	UINT16

35875	Event 146 - Downhole	UINT16
35876	Event 147 - Event ID	UINT16
35877	Event 147 - Reason Code	UINT16
35878	Event 147 - Timestamp	UINT32
35879		
35880	Event 147 - # of Cards	UINT16
35881	Event 147 - Downhole	UINT16
35882	Event 148 - Event ID	UINT16
35883	Event 148 - Reason Code	UINT16
35884	Event 148 - Timestamp	UINT32
35885		
35886	Event 148 - # of Cards	UINT16
35887	Event 148 - Downhole	UINT16
35888	Event 149 - Event ID	UINT16
35889	Event 149 - Reason Code	UINT16
35890	Event 149 - Timestamp	UINT32
35891		
35892	Event 149 - # of Cards	UINT16
35893	Event 149 - Downhole	UINT16
35894	Event 150 - Event ID	UINT16
35895	Event 150 - Reason Code	UINT16
35896	Event 150 - Timestamp	UINT32
35897		
35898	Event 150 - # of Cards	UINT16
35899	Event 150 - Downhole	UINT16
35900	Event 151 - Event ID	UINT16
35901	Event 151 - Reason Code	UINT16
35902	Event 151 - Timestamp	UINT32
35903		
35904	Event 151 - # of Cards	UINT16
35905	Event 151 - Downhole	UINT16
35906	Event 152 - Event ID	UINT16
35907	Event 152 - Reason Code	UINT16
35908	Event 152 - Timestamp	UINT32
35909		

35910	Event 152 - # of Cards	UINT16
35911	Event 152 - Downhole	UINT16
35912	Event 153 - Event ID	UINT16
35913	Event 153 - Reason Code	UINT16
35914	Event 153 - Timestamp	UINT32
35915		
35916	Event 153 - # of Cards	UINT16
35917	Event 153 - Downhole	UINT16
35918	Event 154 - Event ID	UINT16
35919	Event 154 - Reason Code	UINT16
35920	Event 154 - Timestamp	UINT32
35921		
35922	Event 154 - # of Cards	UINT16
35923	Event 154 - Downhole	UINT16
35924	Event 155 - Event ID	UINT16
35925	Event 155 - Reason Code	UINT16
35926	Event 155 - Timestamp	UINT32
35927		
35928	Event 155 - # of Cards	UINT16
35929	Event 155 - Downhole	UINT16
35930	Event 156 - Event ID	UINT16
35931	Event 156 - Reason Code	UINT16
35932	Event 156 - Timestamp	UINT32
35933		
35934	Event 156 - # of Cards	UINT16
35935	Event 156 - Downhole	UINT16
35936	Event 157 - Event ID	UINT16
35937	Event 157 - Reason Code	UINT16
35938	Event 157 - Timestamp	UINT32
35939		
35940	Event 157 - # of Cards	UINT16
35941	Event 157 - Downhole	UINT16
35942	Event 158 - Event ID	UINT16
35943	Event 158 - Reason Code	UINT16
35944	Event 158 - Timestamp	UINT32

35945		
35946	Event 158 - # of Cards	UINT16
35947	Event 158 - Downhole	UINT16
35948	Event 159 - Event ID	UINT16
35949	Event 159 - Reason Code	UINT16
35950	Event 159 - Timestamp	UINT32
35951		
35952	Event 159 - # of Cards	UINT16
35953	Event 159 - Downhole	UINT16
35954	Event 160 - Event ID	UINT16
35955	Event 160 - Reason Code	UINT16
35956	Event 160 - Timestamp	UINT32
35957		
35958	Event 160 - # of Cards	UINT16
35959	Event 160 - Downhole	UINT16
35960	Event 161 - Event ID	UINT16
35961	Event 161 - Reason Code	UINT16
35962	Event 161 - Timestamp	UINT32
35963		
35964	Event 161 - # of Cards	UINT16
35965	Event 161 - Downhole	UINT16
35966	Event 162 - Event ID	UINT16
35967	Event 162 - Reason Code	UINT16
35968	Event 162 - Timestamp	UINT32
35969		
35970	Event 162 - # of Cards	UINT16
35971	Event 162 - Downhole	UINT16
35972	Event 163 - Event ID	UINT16
35973	Event 163 - Reason Code	UINT16
35974	Event 163 - Timestamp	UINT32
35975		
35976	Event 163 - # of Cards	UINT16
35977	Event 163 - Downhole	UINT16
35978	Event 164 - Event ID	UINT16
35979	Event 164 - Reason Code	UINT16

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35980	Event 164 - Timestamp	UINT32
35981		
35982	Event 164 - # of Cards	UINT16
35983	Event 164 - Downhole	UINT16
35984	Event 165 - Event ID	UINT16
35985	Event 165 - Reason Code	UINT16
35986	Event 165 - Timestamp	UINT32
35987		
35988	Event 165 - # of Cards	UINT16
35989	Event 165 - Downhole	UINT16
35990	Event 166 - Event ID	UINT16
35991	Event 166 - Reason Code	UINT16
35992	Event 166 - Timestamp	UINT32
35993		
35994	Event 166 - # of Cards	UINT16
35995	Event 166 - Downhole	UINT16
35996	Event 167 - Event ID	UINT16
35997	Event 167 - Reason Code	UINT16
35998	Event 167 - Timestamp	UINT32
35999		
36000	Event 167 - # of Cards	UINT16
36001	Event 167 - Downhole	UINT16
36002	Event 168 - Event ID	UINT16
36003	Event 168 - Reason Code	UINT16
36004	Event 168 - Timestamp	UINT32
36005		
36006	Event 168 - # of Cards	UINT16
36007	Event 168 - Downhole	UINT16
36008	Event 169 - Event ID	UINT16
36009	Event 169 - Reason Code	UINT16
36010	Event 169 - Timestamp	UINT32
36011		
36012	Event 169 - # of Cards	UINT16
36013	Event 169 - Downhole	UINT16
36014	Event 170 - Event ID	UINT16

36015	Event 170 - Reason Code	UINT16
36016	Event 170 - Timestamp	UINT32
36017		
36018	Event 170 - # of Cards	UINT16
36019	Event 170 - Downhole	UINT16
36020	Event 171 - Event ID	UINT16
36021	Event 171 - Reason Code	UINT16
36022	Event 171 - Timestamp	UINT32
36023		
36024	Event 171 - # of Cards	UINT16
36025	Event 171 - Downhole	UINT16
36026	Event 172 - Event ID	UINT16
36027	Event 172 - Reason Code	UINT16
36028	Event 172 - Timestamp	UINT32
36029		
36030	Event 172 - # of Cards	UINT16
36031	Event 172 - Downhole	UINT16
36032	Event 173 - Event ID	UINT16
36033	Event 173 - Reason Code	UINT16
36034	Event 173 - Timestamp	UINT32
36035		
36036	Event 173 - # of Cards	UINT16
36037	Event 173 - Downhole	UINT16
36038	Event 174 - Event ID	UINT16
36039	Event 174 - Reason Code	UINT16
36040	Event 174 - Timestamp	UINT32
36041		
36042	Event 174 - # of Cards	UINT16
36043	Event 174 - Downhole	UINT16
36044	Event 175 - Event ID	UINT16
36045	Event 175 - Reason Code	UINT16
36046	Event 175 - Timestamp	UINT32
36047		
36048	Event 175 - # of Cards	UINT16
36049	Event 175 - Downhole	UINT16

36050	Event 176 - Event ID	UINT16
36051	Event 176 - Reason Code	UINT16
36052	Event 176 - Timestamp	UINT32
36053		
36054	Event 176 - # of Cards	UINT16
36055	Event 176 - Downhole	UINT16
36056	Event 177 - Event ID	UINT16
36057	Event 177 - Reason Code	UINT16
36058	Event 177 - Timestamp	UINT32
36059		
36060	Event 177 - # of Cards	UINT16
36061	Event 177 - Downhole	UINT16
36062	Event 178 - Event ID	UINT16
36063	Event 178 - Reason Code	UINT16
36064	Event 178 - Timestamp	UINT32
36065		
36066	Event 178 - # of Cards	UINT16
36067	Event 178 - Downhole	UINT16
36068	Event 179 - Event ID	UINT16
36069	Event 179 - Reason Code	UINT16
36070	Event 179 - Timestamp	UINT32
36071		
36072	Event 179 - # of Cards	UINT16
36073	Event 179 - Downhole	UINT16
36074	Event 180 - Event ID	UINT16
36075	Event 180 - Reason Code	UINT16
36076	Event 180 - Timestamp	UINT32
36077		
36078	Event 180 - # of Cards	UINT16
36079	Event 180 - Downhole	UINT16
36080	Event 181 - Event ID	UINT16
36081	Event 181 - Reason Code	UINT16
36082	Event 181 - Timestamp	UINT32
36083		
36084	Event 181 - # of Cards	UINT16

36085	Event 181 - Downhole	UINT16
36086	Event 182 - Event ID	UINT16
36087	Event 182 - Reason Code	UINT16
36088	Event 182 - Timestamp	UINT32
36089		
36090	Event 182 - # of Cards	UINT16
36091	Event 182 - Downhole	UINT16
36092	Event 183 - Event ID	UINT16
36093	Event 183 - Reason Code	UINT16
36094	Event 183 - Timestamp	UINT32
36095		
36096	Event 183 - # of Cards	UINT16
36097	Event 183 - Downhole	UINT16
36098	Event 184 - Event ID	UINT16
36099	Event 184 - Reason Code	UINT16
36100	Event 184 - Timestamp	UINT32
36101		
36102	Event 184 - # of Cards	UINT16
36103	Event 184 - Downhole	UINT16
36104	Event 185 - Event ID	UINT16
36105	Event 185 - Reason Code	UINT16
36106	Event 185 - Timestamp	UINT32
36107		
36108	Event 185 - # of Cards	UINT16
36109	Event 185 - Downhole	UINT16
36110	Event 186 - Event ID	UINT16
36111	Event 186 - Reason Code	UINT16
36112	Event 186 - Timestamp	UINT32
36113		
36114	Event 186 - # of Cards	UINT16
36115	Event 186 - Downhole	UINT16
36116	Event 187 - Event ID	UINT16
36117	Event 187 - Reason Code	UINT16
36118	Event 187 - Timestamp	UINT32
36119		

36120	Event 187 - # of Cards	UINT16
36121	Event 187 - Downhole	UINT16
36122	Event 188 - Event ID	UINT16
36123	Event 188 - Reason Code	UINT16
36124	Event 188 - Timestamp	UINT32
36125		
36126	Event 188 - # of Cards	UINT16
36127	Event 188 - Downhole	UINT16
36128	Event 189 - Event ID	UINT16
36129	Event 189 - Reason Code	UINT16
36130	Event 189 - Timestamp	UINT32
36131		
36132	Event 189 - # of Cards	UINT16
36133	Event 189 - Downhole	UINT16
36134	Event 190 - Event ID	UINT16
36135	Event 190 - Reason Code	UINT16
36136	Event 190 - Timestamp	UINT32
36137		
36138	Event 190 - # of Cards	UINT16
36139	Event 190 - Downhole	UINT16
36140	Event 191 - Event ID	UINT16
36141	Event 191 - Reason Code	UINT16
36142	Event 191 - Timestamp	UINT32
36143		
36144	Event 191 - # of Cards	UINT16
36145	Event 191 - Downhole	UINT16
36146	Event 192 - Event ID	UINT16
36147	Event 192 - Reason Code	UINT16
36148	Event 192 - Timestamp	UINT32
36149		
36150	Event 192 - # of Cards	UINT16
36151	Event 192 - Downhole	UINT16
36152	Event 193 - Event ID	UINT16
36153	Event 193 - Reason Code	UINT16
36154	Event 193 - Timestamp	UINT32

36155		
36156	Event 193 - # of Cards	UINT16
36157	Event 193 - Downhole	UINT16
36158	Event 194 - Event ID	UINT16
36159	Event 194 - Reason Code	UINT16
36160	Event 194 - Timestamp	UINT32
36161		
36162	Event 194 - # of Cards	UINT16
36163	Event 194 - Downhole	UINT16
36164	Event 195 - Event ID	UINT16
36165	Event 195 - Reason Code	UINT16
36166	Event 195 - Timestamp	UINT32
36167		
36168	Event 195 - # of Cards	UINT16
36169	Event 195 - Downhole	UINT16
36170	Event 196 - Event ID	UINT16
36171	Event 196 - Reason Code	UINT16
36172	Event 196 - Timestamp	UINT32
36173		
36174	Event 196 - # of Cards	UINT16
36175	Event 196 - Downhole	UINT16
36176	Event 197 - Event ID	UINT16
36177	Event 197 - Reason Code	UINT16
36178	Event 197 - Timestamp	UINT32
36179		
36180	Event 197 - # of Cards	UINT16
36181	Event 197 - Downhole	UINT16
36182	Event 198 - Event ID	UINT16
36183	Event 198 - Reason Code	UINT16
36184	Event 198 - Timestamp	UINT32
36185		
36186	Event 198 - # of Cards	UINT16
36187	Event 198 - Downhole	UINT16
36188	Event 199 - Event ID	UINT16
36189	Event 199 - Reason Code	UINT16

36190	Event 199 - Timestamp	UINT32
36191		
36192	Event 199 - # of Cards	UINT16
36193	Event 199 - Downhole	UINT16
36194	Event 200 - Event ID	UINT16
36195	Event 200 - Reason Code	UINT16
36196	Event 200 - Timestamp	UINT32
36197		
36198	Event 200 - # of Cards	UINT16
36199	Event 200 - Downhole	UINT16
36200	Event 201 - Event ID	UINT16
36201	Event 201 - Reason Code	UINT16
36202	Event 201 - Timestamp	UINT32
36203		
36204	Event 201 - # of Cards	UINT16
36205	Event 201 - Downhole	UINT16
36206	Event 202 - Event ID	UINT16
36207	Event 202 - Reason Code	UINT16
36208	Event 202 - Timestamp	UINT32
36209		
36210	Event 202 - # of Cards	UINT16
36211	Event 202 - Downhole	UINT16
36212	Event 203 - Event ID	UINT16
36213	Event 203 - Reason Code	UINT16
36214	Event 203 - Timestamp	UINT32
36215		
36216	Event 203 - # of Cards	UINT16
36217	Event 203 - Downhole	UINT16
36218	Event 204 - Event ID	UINT16
36219	Event 204 - Reason Code	UINT16
36220	Event 204 - Timestamp	UINT32
36221		
36222	Event 204 - # of Cards	UINT16
36223	Event 204 - Downhole	UINT16
36224	Event 205 - Event ID	UINT16

36225	Event 205 - Reason Code	UINT16
36226	Event 205 - Timestamp	UINT32
36227		
36228	Event 205 - # of Cards	UINT16
36229	Event 205 - Downhole	UINT16
36230	Event 206 - Event ID	UINT16
36231	Event 206 - Reason Code	UINT16
36232	Event 206 - Timestamp	UINT32
36233		
36234	Event 206 - # of Cards	UINT16
36235	Event 206 - Downhole	UINT16
36236	Event 207 - Event ID	UINT16
36237	Event 207 - Reason Code	UINT16
36238	Event 207 - Timestamp	UINT32
36239		
36240	Event 207 - # of Cards	UINT16
36241	Event 207 - Downhole	UINT16
36242	Event 208 - Event ID	UINT16
36243	Event 208 - Reason Code	UINT16
36244	Event 208 - Timestamp	UINT32
36245		
36246	Event 208 - # of Cards	UINT16
36247	Event 208 - Downhole	UINT16
36248	Event 209 - Event ID	UINT16
36249	Event 209 - Reason Code	UINT16
36250	Event 209 - Timestamp	UINT32
36251		
36252	Event 209 - # of Cards	UINT16
36253	Event 209 - Downhole	UINT16
36254	Event 210 - Event ID	UINT16
36255	Event 210 - Reason Code	UINT16
36256	Event 210 - Timestamp	UINT32
36257		
36258	Event 210 - # of Cards	UINT16
36259	Event 210 - Downhole	UINT16

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36260	Event 211 - Event ID	UINT16
36261	Event 211 - Reason Code	UINT16
36262	Event 211 - Timestamp	UINT32
36263		
36264	Event 211 - # of Cards	UINT16
36265	Event 211 - Downhole	UINT16
36266	Event 212 - Event ID	UINT16
36267	Event 212 - Reason Code	UINT16
36268	Event 212 - Timestamp	UINT32
36269		
36270	Event 212 - # of Cards	UINT16
36271	Event 212 - Downhole	UINT16
36272	Event 213 - Event ID	UINT16
36273	Event 213 - Reason Code	UINT16
36274	Event 213 - Timestamp	UINT32
36275		
36276	Event 213 - # of Cards	UINT16
36277	Event 213 - Downhole	UINT16
36278	Event 214 - Event ID	UINT16
36279	Event 214 - Reason Code	UINT16
36280	Event 214 - Timestamp	UINT32
36281		
36282	Event 214 - # of Cards	UINT16
36283	Event 214 - Downhole	UINT16
36284	Event 215 - Event ID	UINT16
36285	Event 215 - Reason Code	UINT16
36286	Event 215 - Timestamp	UINT32
36287		
36288	Event 215 - # of Cards	UINT16
36289	Event 215 - Downhole	UINT16
36290	Event 216 - Event ID	UINT16
36291	Event 216 - Reason Code	UINT16
36292	Event 216 - Timestamp	UINT32
36293		
36294	Event 216 - # of Cards	UINT16

36295	Event 216 - Downhole	UINT16
36296	Event 217 - Event ID	UINT16
36297	Event 217 - Reason Code	UINT16
36298	Event 217 - Timestamp	UINT32
36299		
36300	Event 217 - # of Cards	UINT16
36301	Event 217 - Downhole	UINT16
36302	Event 218 - Event ID	UINT16
36303	Event 218 - Reason Code	UINT16
36304	Event 218 - Timestamp	UINT32
36305		
36306	Event 218 - # of Cards	UINT16
36307	Event 218 - Downhole	UINT16
36308	Event 219 - Event ID	UINT16
36309	Event 219 - Reason Code	UINT16
36310	Event 219 - Timestamp	UINT32
36311		
36312	Event 219 - # of Cards	UINT16
36313	Event 219 - Downhole	UINT16
36314	Event 220 - Event ID	UINT16
36315	Event 220 - Reason Code	UINT16
36316	Event 220 - Timestamp	UINT32
36317		
36318	Event 220 - # of Cards	UINT16
36319	Event 220 - Downhole	UINT16
36320	Event 221 - Event ID	UINT16
36321	Event 221 - Reason Code	UINT16
36322	Event 221 - Timestamp	UINT32
36323		
36324	Event 221 - # of Cards	UINT16
36325	Event 221 - Downhole	UINT16
36326	Event 222 - Event ID	UINT16
36327	Event 222 - Reason Code	UINT16
36328	Event 222 - Timestamp	UINT32
36329		

36330	Event 222 - # of Cards	UINT16
36331	Event 222 - Downhole	UINT16
36332	Event 223 - Event ID	UINT16
36333	Event 223 - Reason Code	UINT16
36334	Event 223 - Timestamp	UINT32
36335		
36336	Event 223 - # of Cards	UINT16
36337	Event 223 - Downhole	UINT16
36338	Event 224 - Event ID	UINT16
36339	Event 224 - Reason Code	UINT16
36340	Event 224 - Timestamp	UINT32
36341		
36342	Event 224 - # of Cards	UINT16
36343	Event 224 - Downhole	UINT16
36344	Event 225 - Event ID	UINT16
36345	Event 225 - Reason Code	UINT16
36346	Event 225 - Timestamp	UINT32
36347		
36348	Event 225 - # of Cards	UINT16
36349	Event 225 - Downhole	UINT16
36350	Event 226 - Event ID	UINT16
36351	Event 226 - Reason Code	UINT16
36352	Event 226 - Timestamp	UINT32
36353		
36354	Event 226 - # of Cards	UINT16
36355	Event 226 - Downhole	UINT16
36356	Event 227 - Event ID	UINT16
36357	Event 227 - Reason Code	UINT16
36358	Event 227 - Timestamp	UINT32
36359		
36360	Event 227 - # of Cards	UINT16
36361	Event 227 - Downhole	UINT16
36362	Event 228 - Event ID	UINT16
36363	Event 228 - Reason Code	UINT16
36364	Event 228 - Timestamp	UINT32

36365		
36366	Event 228 - # of Cards	UINT16
36367	Event 228 - Downhole	UINT16
36368	Event 229 - Event ID	UINT16
36369	Event 229 - Reason Code	UINT16
36370	Event 229 - Timestamp	UINT32
36371		
36372	Event 229 - # of Cards	UINT16
36373	Event 229 - Downhole	UINT16
36374	Event 230 - Event ID	UINT16
36375	Event 230 - Reason Code	UINT16
36376	Event 230 - Timestamp	UINT32
36377		
36378	Event 230 - # of Cards	UINT16
36379	Event 230 - Downhole	UINT16
36380	Event 231 - Event ID	UINT16
36381	Event 231 - Reason Code	UINT16
36382	Event 231 - Timestamp	UINT32
36383		
36384	Event 231 - # of Cards	UINT16
36385	Event 231 - Downhole	UINT16
36386	Event 232 - Event ID	UINT16
36387	Event 232 - Reason Code	UINT16
36388	Event 232 - Timestamp	UINT32
36389		
36390	Event 232 - # of Cards	UINT16
36391	Event 232 - Downhole	UINT16
36392	Event 233 - Event ID	UINT16
36393	Event 233 - Reason Code	UINT16
36394	Event 233 - Timestamp	UINT32
36395		
36396	Event 233 - # of Cards	UINT16
36397	Event 233 - Downhole	UINT16
36398	Event 234 - Event ID	UINT16
36399	Event 234 - Reason Code	UINT16

36400	Event 234 - Timestamp	UINT32
36401		
36402	Event 234 - # of Cards	UINT16
36403	Event 234 - Downhole	UINT16
36404	Event 235 - Event ID	UINT16
36405	Event 235 - Reason Code	UINT16
36406	Event 235 - Timestamp	UINT32
36407		
36408	Event 235 - # of Cards	UINT16
36409	Event 235 - Downhole	UINT16
36410	Event 236 - Event ID	UINT16
36411	Event 236 - Reason Code	UINT16
36412	Event 236 - Timestamp	UINT32
36413		
36414	Event 236 - # of Cards	UINT16
36415	Event 236 - Downhole	UINT16
36416	Event 237 - Event ID	UINT16
36417	Event 237 - Reason Code	UINT16
36418	Event 237 - Timestamp	UINT32
36419		
36420	Event 237 - # of Cards	UINT16
36421	Event 237 - Downhole	UINT16
36422	Event 238 - Event ID	UINT16
36423	Event 238 - Reason Code	UINT16
36424	Event 238 - Timestamp	UINT32
36425		
36426	Event 238 - # of Cards	UINT16
36427	Event 238 - Downhole	UINT16
36428	Event 239 - Event ID	UINT16
36429	Event 239 - Reason Code	UINT16
36430	Event 239 - Timestamp	UINT32
36431		
36432	Event 239 - # of Cards	UINT16
36433	Event 239 - Downhole	UINT16
36434	Event 240 - Event ID	UINT16

36435	Event 240 - Reason Code	UINT16
36436	Event 240 - Timestamp	UINT32
36437		
36438	Event 240 - # of Cards	UINT16
36439	Event 240 - Downhole	UINT16
36440	Event 241 - Event ID	UINT16
36441	Event 241 - Reason Code	UINT16
36442	Event 241 - Timestamp	UINT32
36443		
36444	Event 241 - # of Cards	UINT16
36445	Event 241 - Downhole	UINT16
36446	Event 242 - Event ID	UINT16
36447	Event 242 - Reason Code	UINT16
36448	Event 242 - Timestamp	UINT32
36449		
36450	Event 242 - # of Cards	UINT16
36451	Event 242 - Downhole	UINT16
36452	Event 243 - Event ID	UINT16
36453	Event 243 - Reason Code	UINT16
36454	Event 243 - Timestamp	UINT32
36455		
36456	Event 243 - # of Cards	UINT16
36457	Event 243 - Downhole	UINT16
36458	Event 244 - Event ID	UINT16
36459	Event 244 - Reason Code	UINT16
36460	Event 244 - Timestamp	UINT32
36461		
36462	Event 244 - # of Cards	UINT16
36463	Event 244 - Downhole	UINT16
36464	Event 245 - Event ID	UINT16
36465	Event 245 - Reason Code	UINT16
36466	Event 245 - Timestamp	UINT32
36467		
36468	Event 245 - # of Cards	UINT16
36469	Event 245 - Downhole	UINT16

36470	Event 246 - Event ID	UINT16
36471	Event 246 - Reason Code	UINT16
36472	Event 246 - Timestamp	UINT32
36473		
36474	Event 246 - # of Cards	UINT16
36475	Event 246 - Downhole	UINT16
36476	Event 247 - Event ID	UINT16
36477	Event 247 - Reason Code	UINT16
36478	Event 247 - Timestamp	UINT32
36479		
36480	Event 247 - # of Cards	UINT16
36481	Event 247 - Downhole	UINT16
36482	Event 248 - Event ID	UINT16
36483	Event 248 - Reason Code	UINT16
36484	Event 248 - Timestamp	UINT32
36485		
36486	Event 248 - # of Cards	UINT16
36487	Event 248 - Downhole	UINT16
36488	Event 249 - Event ID	UINT16
36489	Event 249 - Reason Code	UINT16
36490	Event 249 - Timestamp	UINT32
36491		
36492	Event 249 - # of Cards	UINT16
36493	Event 249 - Downhole	UINT16
36494	Event 250 - Event ID	UINT16
36495	Event 250 - Reason Code	UINT16
36496	Event 250 - Timestamp	UINT32
36497		
36498	Event 250 - # of Cards	UINT16
36499	Event 250 - Downhole	UINT16
36500	Event 251 - Event ID	UINT16
36501	Event 251 - Reason Code	UINT16
36502	Event 251 - Timestamp	UINT32
36503		
36504	Event 251 - # of Cards	UINT16

36505	Event 251 - Downhole	UINT16
36506	Event 252 - Event ID	UINT16
36507	Event 252 - Reason Code	UINT16
36508	Event 252 - Timestamp	UINT32
36509		
36510	Event 252 - # of Cards	UINT16
36511	Event 252 - Downhole	UINT16
36512	Event 253 - Event ID	UINT16
36513	Event 253 - Reason Code	UINT16
36514	Event 253 - Timestamp	UINT32
36515		
36516	Event 253 - # of Cards	UINT16
36517	Event 253 - Downhole	UINT16
36518	Event 254 - Event ID	UINT16
36519	Event 254 - Reason Code	UINT16
36520	Event 254 - Timestamp	UINT32
36521		
36522	Event 254 - # of Cards	UINT16
36523	Event 254 - Downhole	UINT16
36524	Event 255 - Event ID	UINT16
36525	Event 255 - Reason Code	UINT16
36526	Event 255 - Timestamp	UINT32
36527		
36528	Event 255 - # of Cards	UINT16
36529	Event 255 - Downhole	UINT16
36530	Event 256 - Event ID	UINT16
36531	Event 256 - Reason Code	UINT16
36532	Event 256 - Timestamp	UINT32
36533		
36534	Event 256 - # of Cards	UINT16
36535	Event 256 - Downhole	UINT16