Date and Time of Trip
from Digitrip 1150
via the mMint

1) From either register 1200 or 1800 (status cause) determine a trip has occurred

2) Use mMint pass through feature to write command (3 C F) to register 405020

3) Use mMint pass through feature to write data '00 00 01' to register 405020

4) Use mMint function 03 or 04 to read from register 405020 the event summary description buffer which contains a summary of the 3 most recent events.

5) Analyze the event summary description and choose the ***date and time*** for the event of interest from one of the three summarized events. NOTE: in the event summary buffer **bytes;**
   a) 15 thru 18 has the time and 19 thru 21 has the date of event #1
   b) 28 thru 31 has the time and 32 thru 34 has the date of event #2
   c) 41 thru 44 has the time and 45 thru 47 has the date of event #3

query byte #	description	contents
0	address of 1150	??
1	modbus function #	03 or 04
2	start addr hi	12 or 18
3	start addr lo	00
4	# of pnts hi	0
5	# of pnts lo	2
6	CRC	??
7	CRC	??

1) get status cause

query byte #	description	contents
0	address of 1150	??
1	modbus function #	0x10
2	start addr hi	0x50
3	start addr lo	0x20
4	# of registers hi	0
5	# of registrers lo	3
6	byte count	6
7	command bit reset (i.e. data)	0
8	expanded buf # lo	1
9	expanded buf # mid	0
10	expanded buf # hi	0
11	spare byte	0
12	nn; n = # of msgs from 1150	0x15
13	CRC	??
14	CRC	??

1) write expanded buffer #

query byte #	description	contents
0	address of 1150	??
1	modbus function #	0x10
2	start addr hi	0x50
3	start addr lo	0x20
4	# of registers hi	0
5	# of registrers lo	3
6	byte count	6
7	command bit set	0x80
8	xy; x = cmd, y = inst	0xC3
9	address of 1150	??
10	z0; z = subcmd, 0 = addr hi nibble	0xF0
11	spare byte	0
12	nn; n = # of msgs from 1150	1
13	CRC	??
14	CRC	??

1) write event summary command

query byte #	description	contents
0	address of 1150	??
1	modbus function #	03 or 04
2	start addr hi	0x50
3	start addr lo	0x20
4	# of pnts hi	0
5	# of pnts lo	0x2A
6	CRC	??
7	CRC	??

1) read event summary buffer