XM500 Engine Hours

To reset the engine hours to 0 or preload the hours with a specific value open the XM500 configuration file (.xml) in a text editor like Notepad and go to the <M> numbers at the bottom of the list. If you do not have a file, connect the XM500 to the configuration tool and upload the file from the XM500 then save it for editing. Once the changes are made then load the config file back on the XM500.

Exact definitions for the M values may change from one release version to another; verify the line descriptions matches what is shown below.
The example below is from a brand new XM500 with a 2.0 configuration loaded and standard firmware.

Engine Hours is split between two parameters contained in lines <M7> and <M8>.

<M7> The number after the fourth comma is **thousands of hours**, a value of 1 = 1,000.0 hrs, 2 = 2,000.0hrs. This is added to the Tenths of an hour count in M8 which goes up to 999.9

<M8> The number after the fourth comma contains **tenths of an hour** with a maximum value of 999.9 hrs. Since these are integers the decimal is left off and the least significant digit represents tenths of a hr. For example 999.9 hours would be entered as 9999.

<M6> position 7 contains the value 255 which commands the code to use the presets in M8.

Example
In the example below engine Tenths of an hour in M8 is set to 4795 or 479.5 hours (implied decimal point) and thousands of hrs in M7 is 0. The number that will be sent is 479.5 hrs.
These values can be changed to any value desired.

```
<MNumbers>
  <TotalMNumbers>13</TotalMNumbers>
  <M0>SINGLE_VALUE_DISPLAY,CONTROLLER #,   ,,0,1,0,0,255,-1</M0>
  <M1>SYSTEM_VIEW_HEX_DISPLAY,HEX VIEW,   ,1,0,0,65535</M1>
  <M2>INDIRECT_STRING_ARRAY,SPEED UNITS,   ,,1,2,ENGLISH,METRIC,1,0</M2>
  <M3>INDIRECT_STRING_ARRAY,PRESS UNITS,   ,,1,2,ENGLISH,METRIC,0,0</M3>
  <M4>INDIRECT_STRING_ARRAY,TEMP UNITS,   ,,1,2,ENGLISH,METRIC,1,0</M4>
  <M5>INDIRECT_STRING_ARRAY,SENDER FAIL,   ,,1,2,NO,YES,0,0</M5>
  <M6>SINGLE_VALUE_U8BIT_DISPLAY,CFG FACTORY ,CFG FACTORY ,,0,0,0,0,255,0</M6>
  <M7>SINGLE_VALUE_DISPLAY,RUN HR RST,   ,,1,0,0,0,32767,-1</M7>
  <M8>SINGLE_VALUE_DISPLAY,TENTH HR RST,   ,,1,4795,1,0,9999,-1</M8>
  <M9>INDIRECT_STRING_ARRAY,LANGUAGE SET ,   ,,1,1,ENGLISH,0,0</M9>
  <M10>SINGLE_VALUE_DISPLAY,SOURCE ADDR,   ,,1,1,0,0,255,255</M10>
  <M11>SINGLE_VALUE_DISPLAY,DIG OUT OVERRIDE,   ,,1,162,0,0,255,0</M11>
  <M12>SINGLE_VALUE_DISPLAY,PGN RATE MS,   ,,1,50,0,50,5000,100</M12>
 </MNumbers>
```