

'Original' (By that I mean, as I received it)

...

```
/* Symbol is used by startup for data initialization */
__DATA_END = __DATA_ROM + (__data_end__ - __data_start__);

__m_data_1FFF0000_ROMStart = __DATA_ROM + SIZEOF(.data);
.m_data_1FFF0000 : AT(__m_data_1FFF0000_ROMStart)
{
    . = ALIGN(4);
    __m_data_1FFF0000_RAMStart = .;
    *(.m_data_1FFF0000) /* This is an user defined section */
    __m_data_1FFF0000_RAMEnd = .;
    . = ALIGN(4);
} > m_data_1FFF0000
__m_data_1FFF0000_ROMSize = __m_data_1FFF0000_RAMEnd -
__m_data_1FFF0000_RAMStart;

/* Uninitialized data section */
.bss :
{
    /* This is used by the startup in order to initialize the .bss
section */
    . = ALIGN(4);
    __START_BSS = .;
```

An example of what the customer is proposing for additional sections:

...

```
/* Symbol is used by startup for data initialization */
__DATA_END = __DATA_ROM + (__data_end__ - __data_start__);

__m_data_1FFF0000_ROMStart = __DATA_ROM + SIZEOF(.data);
.m_data_1FFF0000 : AT(__m_data_1FFF0000_ROMStart)
{
    . = ALIGN(4);
    __m_data_1FFF0000_RAMStart = .;
    *(.m_data_1FFF0000) /* This is an user defined section */
    __m_data_1FFF0000_RAMEnd = .;
    . = ALIGN(4);
    /* added cdw */
    __applicationTrimsStart = .;
    *(.applicationTrims)
    __applicationTrimsEnd = .;
    /* end add */
} > m_data_1FFF0000
__m_data_1FFF0000_ROMSize = __m_data_1FFF0000_RAMEnd -
__m_data_1FFF0000_RAMStart;
```

I have been able to add data to this 'new' section by using both “__attribute section...” in 'C' and using “.section” in assembly.

There are other sections they want to add, something along the lines of “.analogTrim”, “.signalCalibration”, as these are section names under which they track data today.