

Datei: d:\Daten - Moba\Projekte\MRW\MRW420\Software\Programm-Dokumentation\V2
1.000mod\TÜV\ChangeLog\Weight_c\ChangeLog_Weight_c.txt 06.04.2022, 08:13:58

```
diff --git a/Weight.c b/Weight.c
index de70fb6..baf46f5 100644
--- a/Weight.c
+++ b/Weight.c
@@ -1,8 +1,8 @@
/*~+:File :      Weight.c*/
/*~+:*/
-/*~+:Version :   V1.0*/
+/*~+:Version :   V1.001*/
/*~+:*/
-/*~+:Date :      31.05.2005*/
+/*~+:Date :      09.02.2022*/
/*~+:*/
/*~+:Time :      10:23*/
/*~+:*/
@@ -37,6 +37,7 @@ char      Weight_SetZeroRegardingActualWeight(void);
/*~+:Globale Variablen*/
MEASUREMENT_VALUE Weight_MeasurementFromADC;
MEASUREMENT_VALUE Weight_FilteredMeasurement;
+MEASUREMENT_VALUE Weight_CorrectedMeasurement;
MEASUREMENT_VALUE Weight_ZeroCorrectedMeasurement;
MEASUREMENT_VALUE Weight_ZeroCorrectedMeasurementStandardized;
MEASUREMENT_VALUE Weight_ZeroCorrectedMeasurementWithTare;
@@ -68,6 +69,9 @@ void Weight(void)
MEASUREMENT_VALUE Measurement;
MEASUREMENT_MOTIONPARAMETER MotionParameter;
float fCalibrationFactor;
+ /*~+:*/
+ MEASUREMENT_VALUE    MVTemp;
+ /*~+:*/
/*~+:Variableninitialisierungen*/

    if ((ADuC836_ADCIsNewConversionValue(ADuC836_ADC_PRIMARY) !=
        0) || (g_SystemControl.bySimulate & 0x01))
@@ -75,10 +79,10 @@ void Weight(void)
    // JA

    /*~+:Nur zu Debugzwecken -
        SYSTEM_CND_LEDS_4_DEBUG_P06_CHECK_WEIGHING_CYCLE*/
-#ifndef SYSTEM_CND_LEDS_4_DEBUG_P06_CHECK_WEIGHING_CYCLE
+#ifndef SYSTEM_CND_LEDS_4_DEBUG_P06_CHECK_WEIGHING_CYCLE    // nicht
definiert
    P06 = 0;
#endif
-#ifndef MIT_GEWICHTSSIMULATION
+#ifndef MIT_GEWICHTSSIMULATION    // nicht simuliert
/*~+:MIT_GEWICHTSSIMULATION*/
    if (!(g_SystemControl.bySimulate & 0x01))
    {
@@ -95,14 +99,20 @@ void Weight(void)
    Measurement.nLong =
        ADuC836_ADCGetConversionValue(ADuC836_ADC_PRIMARY,0);
    #endif
    Weight_MeasurementFromADC = Measurement;
-    // Temperatur- und E-Modul-Kompensation
-
    Measurement_Processing(MEASUREMENT_PROCESSING_CORRECTION,WEIGHT_WEIGHTCHANNE
L,&Measurement);
    // Rohmesswertfilterung (nur wenn tatsächlich ein neuer Wert vorliegt
!!!)
```

```
        Measurement Processing(MEASUREMENT_PROCESSING_FILTER,WEIGHT_WEIGHTCHA
        NNEL,&Measurement);
-       Weight FilteredMeasurement = Measurement;
        // Nullpunktverrechnung

        Measurement_Processing(MEASUREMENT_PROCESSING_ZERO,WEIGHT_WEIGHTCHANN
        EL,&Measurement);
+       // Temperatur- und E-Modul-Kompensation
+
Measurement_Processing(MEASUREMENT_PROCESSING_CORRECTION,WEIGHT_WEIGHTCHANNE
L,&Measurement);
        Weight_ZeroCorrectedMeasurement = Measurement;
+       /* Für die Kennlinienaufnahme bedarf des korrigierten, aber nicht
nullpunktverrechneten Messwerts */
+       {
+       Measurement GetZero(WEIGHT_WEIGHTCHANNEL,&MVTemp); /* Nullpunkt
holen */
+
+       Weight_FilteredMeasurement.nLong =
Weight_ZeroCorrectedMeasurement.nLong + MVTemp.nLong; /* und verrechnen */
+
+       }
        // Normierung

        Measurement_Processing(MEASUREMENT_PROCESSING_STANDARDIZATION,WEIGHT_
        WEIGHTCHANNEL,&Measurement);
        Weight_ZeroCorrectedMeasurementStandardized = Measurement;
@@ -168,7 +178,7 @@ void
Weight_GetMotionParameter(MEASUREMENT_MOTIONPARAMETER *pMotionParameter)
{
    Measurement GetMotionParameter(WEIGHT_WEIGHTCHANNEL,pMotionParameter);
}
-/*~+:unsigned char      Weight Ini(unsigned char byMode)*/
+/*~+:unsigned char      Weight_Ini(unsigned char byMode)*/
unsigned char Weight Ini(unsigned char byMode)
{
    /*~+:Beschreibung*/
```