Kockum Sonics

From: JM   Date: 2014-01-14

To: KSL450

LCF & TCF tables (from KSL450 version 813)

The existence of the file THCorrini.txt (in the KSL450 folder) **activates the use of LCF & TCF tables.**

THCorrini.txt sample:

1,1 # Tank number, TLCF table Number in TCFXXXX.dat and LCFXXXX.dat
2,2 # Tank number, TLCF table Number in TCFXXXX.dat and LCFXXXX.dat

If no matching table is found for the corresponding tank number,
the AP-LCF (APL) & CL-TCF (CLT) values from the confXXXX.ksl file are used.

TCFXXXX.dat sample:

 # TCF table for order: XXXX
 # Number of tables in this file: 1
1
 # Number of points in this table: 1
1
 # Level, CL-TCF
0,0

LCFXXXX.dat sample:

 # LCF table for order: XXXX
 # Number of tables in this file: 2
2
 # Number of points in this table: 4
4
 # Level, AP-LCF
0,198
10,199
20,200
30,197
 # Number of points in this table: 4
4
 # Level, AP-LCF
0,123
10,122
20,121
30,122

**When table values are used, the text (table) is added to the corresponding labels
in the Compartment section of the Calibration picture:**

Calibration		
COMPARTMENT:	**MEASUREMENT:**	**SENSOR:**
TYPE: Tank ▼ CODE: FPT ▼	Level ▼	Press ▼
AP-LCF: (table) 152.981 m	AP-MP: 151.500 m	Gauged Input: 9000.000
CL-TCF: (table) 0.000 m	CL-MP: -0.080 m	Input / Output
Actual Density: 1.0250 t/m3	HHA: 32.000 m	Min: 0.000 / 0.0000
	HA: 32.000 m	Empty / Empty
SHIP:	LA: -10.000 m	Empty / Empty
Trim: 0.374 m	LLA: -10.000 m	Empty / Empty
Heel: 0.000 m	Mech. offset 1: 0.100 m	Empty / Empty
ATM: 1.000 Bar		Max: 40789.00 / 4.0000
SW Density: 1.0250 t/m3	Value: 8.877 m	Gain: 1.000
Gravity: 9.8107 m/s2	? Help ✔ OK	Offset: 0.000
Latitude: 50 ▼ Deg		Value: 0.8826

Fragment from LCFtable:

8.8,153.006
8.9,152.973