

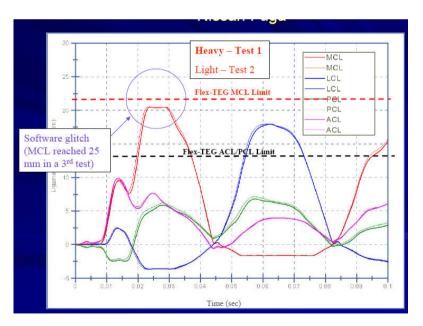
December 2, 2009

Software Problems Reported with FLEX-GTR - Overview

- FLEX-GTR testing was performed using SLICEWare 1.02.103.
- Several improvements to SLICEWare have been completed
- Latest version is 1.02.143

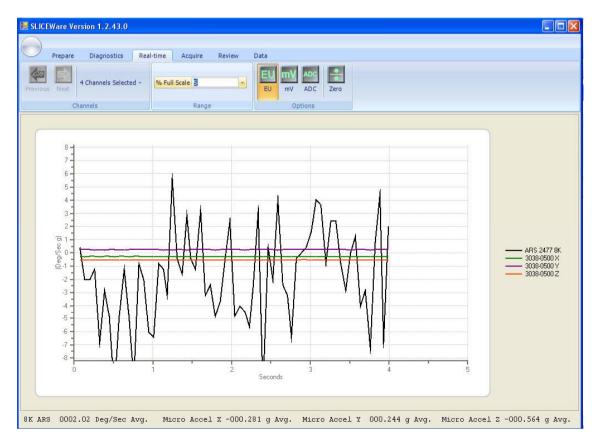


 Ligament full scale – Previously there was interaction between the hardware offset compensation and the software offset compensation. This has been corrected in SLICEWare 1.02.133





• Plotting multiple channels – This feature will be added in the first quarter of 2010





• DIADEM export – This has been corrected in SLICEWare 1.02.133

🖳 SLICEWare Version 1.2.43.0		📮 🚨 Q3 Static Test 1.dat - Notepad
		File Edit Format View Help
Prepare Diagnostics Real-time	Acquire Review Data	253,increasing 260,Numeric
Q3 Static Test 1	CSV ISO DIAdem	#ENDCHANNELHEADER #BEGINCHANNELHEADER 200,??CHST000003ACZ? 201,Chest Vertical Az
Diadem header file: C:\DTS\SLICEWare\D has been created	Data\Q3 Static Test 1\Q3 Static Test 1.dat	202,g 210,EXPLICIT 211,Q3 Static Test 1.0.chn 213,CHANNEL 214,INT16 220,400008 221, 62 240,-14 241,1.11060244137213 260,Numeric #ENDCHANNELHEADER



• Disconnect during status monitoring – this has been corrected in version 1.03.

🔛 SLICE	Ware Ve	rsion 1.2.43.0				
\bigcirc	Prepare	Diagnostics	Real-time	Acquire Review	Data	
Disarm	Stop	Start Trigger	Download D	Belle Download	Load Save	
Test Para		g ollection	preview	ROI all Download	parameters parameters Parameters	
Sample r	ate: 200		Test ID:	1		
Mode: Pre-trigge	er (s): 1.0	cular buffer	Notes:	Default Test ID		
Post-trigg	ier (s): [^{5.0}	300 0		4		
Status DAS		Status	Triggered?	Fault?	Progress	
BA00032		Collecting	No			



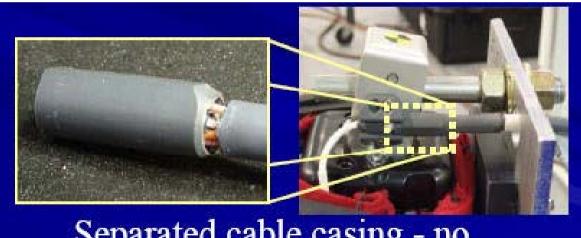
• Polarity – All versions of SLICEWare offer an easy feature for inverting polarity in software.

Add	Delete Undo Reac edit ID Current sensor			Refresh iensor ID					
	Serial number	Comment	Full scale	Units	SW/ Filter	Calibration due		ected sensors:	
X	126M/CM - BB/G15	Chest Longitudinal Ax	20000	m/s/s	1650	08/07/2010	DAS	Description BA00032	4/
	126M/CM - BB/H66	Chest Lateral Ay	20000	m/s/s	1650	16/06/2010		1	
	170-0161-2N - 0810	Chest Longitudinal Dx	50	mm	1650	16/06/2010		2	
	174-03217 - 08063	Chest Longitudinal Dx	100	mm	1650	08/07/2010	-	3	8K AF
	3038-0500×	Micro Accel X	100	g	1650	02/09/2010	-	4	Micro Acce
	3038-0500 Y	Micro Accel Y	100	g	1650	02/09/2010		5	Micro Acce
	3038-0500 Z	Micro Accel Z	100	9	1650	02/09/2010	1	6	Micro Acce
	3715 - 130 FX	Neck Upper Force Fx	5	kN	1650	16/06/2010			
-	3715 130 FY	Neck Upper Force Fy	5	kN	1650	16/06/2010			
	3715 · 130 FZ	Neck Upper Force Fz	6	kN	1650	16/06/2010			
	3715 - 130 MX	Neck Upper Mome	150	Nm	1650	16/06/2010			
_	3715 - 130 MY	Neck Upper Mome	150	Nm	1650	16/06/2010			
Selected	2716 120 M7	Monk Hone Mono	90	Mm	1650	16/06/2010			
Gener	al			Calibration History					
Serial M	umber: 126M/CM - BE	8/G15		Date	Sensitivity	ZMO			
Comme	nt Chest Longitu	dinal Ax		08/07/2009	0.0020966	0			
Manufa	acturer: Endevco	Model							
Sensor	-	6D901 ISO: 77CH	ST0000Q3ACX?		-				
	Attributes ale (EU): 2000	10.00 🗯 Units:		Options	Bridge resistar	ce (ohms): 4223.0 🚖			
			-						
Sensit	ivity (mv/V/EU): 0.00	2097 😂 Bridge type:	Full 💙 S	W filter(Hz): 1650 🐱	Zero method	Average Over Time 👻			
		Initial EU:	0.0000 🗢 F	Remove offset 🗹 ZeroSt	tart(ms): -50.0 🛫 Z	CeroEnd(ms): -20.0			
	itional to Exc. 🗹	Excitation (1 50 🔍 L	Ittset check.	low(mV): -100.00 C	High(mV): 100.00 😋			



FLEX-GTR Hardware Issues

 Cable separated from back shell – Design has been improved to provide increased strain relief and strength



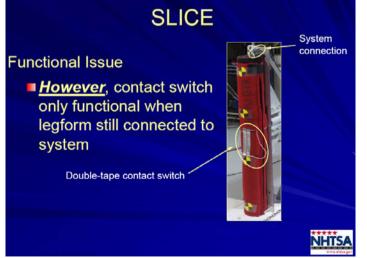
Separated cable casing - no data loss



FLEX-GTR Hardware Issues

- Contact switch when used with Recorder Mode it is possible to synchronize off board SLICE with FLEX-GTR SLICE
 - Both on board and off board SLICE receive Start Record signal
 - On board SLICE records event through contact switch
 - Using latest software, during download both systems are synchronised based on Start Record signal.
 - Level Trigger Option first quarter of 2010

Select Level Trigger Options		ОК	Fun
DATA CHANNEL	DIRECTION	LEVEL (ENG UNIT)	
001: Driver Head Acceleration X	ABOVE -	20.00	





Software Problems Reported with FLEX-GTR - Conclusion

- DTS is committed to rapid improvements in the SLICE system and SLICEWare.
- Many of the reported problems have been corrected in SLICEWare 1.02.133.
- The others will be corrected soon.
- New features such as filtered CSV export are being added as well.

