

**IMSA TECHNICAL MEMO IWSC #23-06**

To: All IMSA WeatherTech Sportscar Championship Participants  
 From: IMSA Competition  
 Date: December 21, 2022  
 Re: Sentronics Update

One Daytona Blvd.  
 Daytona Beach, FL 32114  
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IMSA IWSC CUSTOMER MEMO  
 2023 ROAR TEST CALIBRATION OF SENTRONICS FLOW METERS  
 19 December 2022

This Memo provides detailed information on the procedure and schedule for servicing and calibrating Sentronics FlowSonic GT-100-01 fuel flow meters (FFMs) and RigFlow HI-250-01 refueling rig flow meters (RFMs) for IWSC competitors at the ROAR Before The 24.

Teams must make all FFMs and RFMs used in 2022 available to Sentronics at the ROAR test for calibration, as well as a minor EMC ground update to selected RFMs. The serial numbers of all FFMs and RFMs requiring recalibration – along with RFMs needing the EMC update – are shown below.

**IT IS ESSENTIAL THAT ALL YOUR 'A' AND 'B' SENSORS FROM THIS LIST BE CARRIED IN YOUR TEAM'S TRANSPORTER CAB AND DELIVERED TO SENTRONICS AT THE SUNOCO GARAGE (NORTH END OF THE GARAGE AREA) IMMEDIATELY AFTER PARKING UP.**

Group 'C' RFMs requiring recalibration only can arrive at Daytona already installed on your pit tank refueling rig(s).

Activity	Serial Numbers													
A FlowSonic GT recalibrations	005	010	014	019	028	034	039	059	063	070	080	103	118	135
	006	011	016	020	029	035	040	060	065	077	082	112	131	
	008	012	017	021	032	037	051	061	067	078	083	113	133	
	009	013	018	023	033	038	058	062	068	079	102	117	134	
B RigFlow EMC updates	001	004	006	014	016	020	022	024	026	029				
	003	005	013	015	017	021	023	025	027					
C RigFlow recalibrations	001	003	005	010	012	014	016	018	020	022	024	026	028	
	002	004	006	011	013	015	017	019	021	023	025	027	029	

As per our previous Memo, the ROAR test will be the only opportunity to recalibrate FFMs and RFMs during 2023. Teams not attending this event should therefore ship their meters to IMSA in advance, arranging their own return shipping and insurance. Please contact John Strudel (email [jstrudel@imsa.com](mailto:jstrudel@imsa.com), mobile 1-386-562-0192) for details. Entrants failing to send their sensors to the ROAR may be required to purchase new units for use in 2023.

Sentronics' *TrackCal* mobile calibration rig will be at Daytona to calibrate FFMs in the Sunoco garage and RFMs in the pit lane. Each RFM requiring recalibration must be fitted to its pit tank, with the team's refueling hose removed to allow Sentronics to connect its own hose to the pit tank at the dead-man valve. The schedule below presents a detailed timetable designed to ensure this work can be completed without interfering with IMSA's inspection schedule and before track running starts.

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Day	Time	Activity
Mon 16 Jan	4.00p-9.30p	GTP team load-in, teams deliver meters to Sunoco garage
Tue 17 Jan	8.00a-4.00p	GTP teams deliver meters to Sunoco garage
	2.00p-5.30p	GTP team RigFlow EMC updates in Sunoco garage
	2.00p-5.30p	GTP team FlowSonic GT calibrations in Sunoco garage
Wed 18 Jan	9.00a	Deadline for reinstalling RigFlow meters on GTP team refueling rigs
	9.00a-3.00p	RigFlow calibrations in GTP team pit boxes
	4.00p-6.30p	Non-GTP team load-in, teams deliver meters to Sunoco garage
	5.00p-9.00p	Non-GTP team RigFlow EMC updates in Sunoco garage
	5.00p-9.00p	Non-GTP team FlowSonic GT calibrations in Sunoco garage
Thu 19 Jan	7.00a-9.30a	Non-GTP team FlowSonic GT calibrations in Sunoco garage
	9.30a	Deadline for reinstalling RigFlow meters on non-GTP team refueling rigs
	10.00a-5.30p	RigFlow calibrations in non-GTP team pit boxes
Fri 20 Jan	8.00a-11.00a	Meter service and calibration for teams/cars absent from ROAR test

Sentronics personnel will be present at Daytona and can be reached on site as follows:

Contact	Dates	Mobile	Email
Neville Meech	Tuesday-Friday	+44 7900 997524	njm@sentronics.com
Jamie Jones	Tuesday-Friday	+44 7990 883761	jnj@sentronics.com
David Aronson	Monday-Tuesday	+1 617 893 1678	eda@sentronics.com

Prior to the test, please email Sentronics at [sales@sentronics.com](mailto:sales@sentronics.com) with any questions. We look forward to serving our customers at the ROAR Before The 24 and a successful start to the 2023 racing season.