



# THE SENTRY TIMES

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## BASCOM-TURNER GOES GLOBAL A CGI WITH GPS!

For more than twenty years Bascom-Turner has been a leader in the field of leak detection. Our goal has always been to produce the most reliable and efficient gas detectors on the market, and we believe that we've set the bar again: Bascom-Turner has added GPS to the *Gas-Rover™*. A GPS enabled *Gas-Rover™* records a leak surveyor's longitude and latitude position. The data is stored on the machine's built-in memory, and when finished leak surveyors have a comprehensive time, date and place stamped log for the area inspected. To learn more about the GPS enabled *Gas-Rover™* check out this issue's Product Focus or visit [www.bascomturner.com](http://www.bascomturner.com).



We'd like to thank all of the golfers that made it out to the annual "Bascom-Turner Open." While all the golfers felt like winners, the team from NSTAR was the true champion of the day, taking home the best-ball crown with an eye-popping score of 59! There are less than eleven months until next year's "Open" so keep practicing and maybe you will be the 2011 champion!

As you may know, we were at the AGA Operating Section Fall Committee Meetings in Boston and the NGA Fall Operations Conference in Saratoga, NY. We will be attending the SGA Spring Gas Conference & Expo, March 16-18 in Charlotte, NC and the AGA Operations Conference & Biennial Exhibition, May 22-24 at the Gaylord Opryland in Nashville, TN. If you can't make it to one of these events, you can always find us online, or call the factory to order brochures or set up a product demonstration.

Until next time,

Benjamin Tarshis  
Editor-in-Chief

# GPS ENABLED GAS-ROVER



The *Gas-Rover™* is an intrinsically safe CGI with PPM sensitivity that digitally displays and stores measurements of natural gas and other combustible gases. All measurements are time and mode stamped and—with the GPS option—stamped with the longitude and latitude from where they were taken. Data is stored on the machine for up to three months and can be downloaded onto a PC using Bascom-Turner’s *Data-Link™* software. Users can export the data as an *ASCII TXT* file so it can be imported into a company’s GIS asset map. *Data-Link™* can also overlay a survey onto Google Earth, or export data as an XLM file to MapFrame for display in FSViewer.

The GPS enabled *Gas-Rover™* is as sensitive as any handheld GPS on the market, for example Trimble’s Juno SB handheld. The GPS enabled *Gas-Rover™* uses an external antenna fixed to the top of a bell, drag or bar-hole probe. With the external antenna, GPS positioning is accurate to two meters if WAAS is available.

In a world where efficient accesses to data is paramount, GPS enabled *Gas-Rover™* users are now armed with more information than ever before.

Take a look at the images of a GPS enabled *Gas-Rover™* in action. The blue line is the surveyor’s path and the red crosses are indications of—in this case artificial—leaks. To learn more about the GPS enabled *Gas-Rover™* or set up a demonstration please contact us at 800-225-3298.

GPS Specs	
Channels	20 channels; 200,000 effective correlations
Augmentation	WAAS differential correction
Update rate	1 Hz
Time to first fix	30 seconds (typical)
Protocols	SiRF
Accuracy	Real time 2-5m



Figure 1: Walking survey outside our Norwood, MA facility.

Readings History by Date & Time for Unit: 2										
Date	Time	Seq	User	Location	Mode	%LEL	%GAS	%O2	ppm CO	ppm GAS
9/13/2010	3:29:00 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	0
9/13/2010	3:29:01 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	14
9/13/2010	3:29:02 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	16
9/13/2010	3:29:03 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	5
9/13/2010	3:29:04 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	8
9/13/2010	3:29:05 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	42
9/13/2010	3:29:06 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	11
9/13/2010	3:29:07 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	5
9/13/2010	3:29:08 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	0
9/13/2010	3:29:09 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	16
9/13/2010	3:29:10 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	90
9/13/2010	3:29:11 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	148
9/13/2010	3:29:12 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	64
9/13/2010	3:29:13 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	27
9/13/2010	3:29:14 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	9
9/13/2010	3:29:15 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	2
9/13/2010	3:29:16 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	0
9/13/2010	3:29:17 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	0
9/13/2010	3:29:18 PM	1	btarshis	111 Downey Street	PPM Scale	0	.0	.0	0	0

Figure 2: *Data-Link™* analysis of a leak survey outside our Norwood facility.



Figure 3: While everyone else was trying to win the Bascom-Turner “Open,” National Sales Manager George Champy souped-up a golf car with a GPS enabled *Gas-Rover™* to conduct a “truck” survey of the Wentworth Hills Golf Club. George didn’t find any gas, but you can track his path around the course.

# Partners

safety  
innovation  
productivity



As a growing company, Southwest Gas relies on the latest technologies to service nearly two million customers.

Six years ago we asked Bascom-Turner to develop a management system for gas detectors; we successfully deployed it across thirty offices in three states and two time zones.

Two years ago we turned to Bascom-Turner again for a CGI with PPM sensitivity. The Gas-Rover™ streamlined our bar-holing, sharply reduced calls for construction crews, and minimized stand-by time.

*"Bascom-Turner has provided us with the best tools available today. We look forward to continuing this innovative partnership in the future."*

*Michael Gruenberg,  
Southwest Gas*



[www.bascomturner.com](http://www.bascomturner.com)  
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