

ATG SYSTEMS

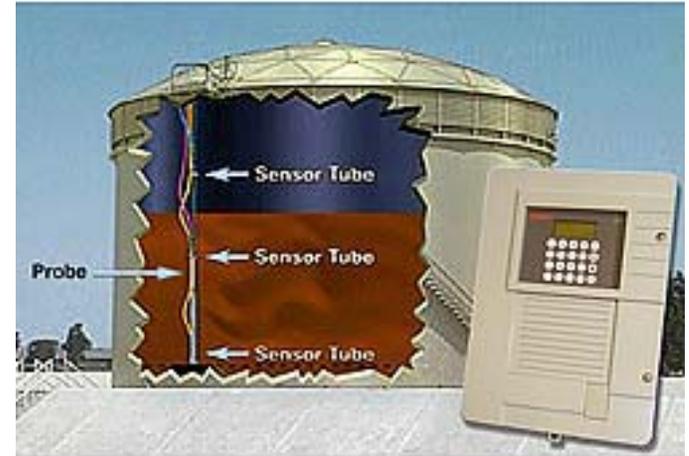
GSI MTG



MTS



Barton 3500



**L&J
MCG8100**



Servo level gauge
Xmitting Tank Gauge

ENRAF

STT-ATG SYSTEMS

Ronan X76CTM



Veeder-Root TLS-350



ATG MAINTENANCE RESPONSIBILITIES

DESC

- ◆ Provide single point of contact for ATG maintenance
- ◆ Provide overall maintenance requirements and execution management
- ◆ Provide tasking and funding for ATG maintenance efforts
- ◆ Coordinate with DoD Service Petroleum Offices

AFPET, APC, & NAVPET

- ◆ Service ATG requirements
- ◆ Provide site POCs
- ◆ Provide site liaison & coordination
- ◆ Review trouble calls

SPAWAR CHAS

- ◆ Provide maintenance management for all ATG maintenance efforts:
 - Planning and coordination
 - Surveys and engineering
 - 24 x 7 Call Center support
 - On-site technical support
 - Perform acquisitions
 - Equipment calibrations
 - Provide training
 - Conduct problem trending and analysis
 - Provide material logistics support

PLANNED ATG MAINTENANCE REQUIREMENTS

◆ Preventive Maintenance

- Custody Transfer Calibration
- Regular scheduled site visits each year
- Hardware/software configuration control

◆ Corrective Maintenance

- 24/7, 365 days/year, 60 minute call response
- Hotline replacement parts service
- ON-site response within 48hrs (CONUS), 72hrs (OCONUS)
- Resolution support for problems outside ATG

◆ Operational Support

- Equipment removal/reinstall for tank cleaning
- Training for new/existing staff
- Consumable provisioning as required
- Configuration Management

California State Water Resources Control Board

- lists ATG equipment on the National Work Group on Leak Detection Evaluations (NWGLDE)

National Work Group on Leak Detection Evaluation (NWGLDE)

Third Party Certification Comparison Chart

Vendor	Probe Model	Requires 3rd Party Equip/App for Certification	Date	Volume	NWGLDE Listed
ENRAF - SERVO	SERVO	N.A.	N.A.	N.A.	NO
ENRAF - STIC	STIC 818	N.A.	N.A.	N.A.	NO
HECTRONIC GmbH	HLS 3010 HF	NO	5/10/2004	20,000 Gal	Yes
BARTON	3500	NO	7/2/2001	75,000 Gal	Yes
	3500	Yes - E+H LM	7/2/2001	single, field constructed vertical tanks <u>smaller</u> than 50,000 Gal	Yes
MTS	DDA Magnetostrictive	Yes - XLD 2000 Plus	12/5/2002	50,000 - 2,100,000 Gal single, field constructed, vertical walled tanks	Yes
	LDF	Yes - E+H LM	8/7/2002	75,000 Gal	Yes
	LDF	Yes - E+H LM and RTU8130	8/9/2001	single, field constructed vertical tanks <u>larger</u> than 50,000 Gal	Yes

National Work Group on Leak Detection Evaluation (NWGLDE)

Third Party Certification Comparison Chart

Vendor	Probe Model	Requires 3rd Party Equip/App for Certification	Date	Volume	NWGLDE Listed
RONAN	7100 Series	NO	1/11/2001	20,000 Gal	Yes
	X-76 CTM & MTS Level Plus Probe	NO	12/5/2002	50,000 - 75,000 Gal single, field constructed, vertical walled tanks	Yes
	X76CTM with MTS UST Series Magnetostrictive	NO	1/11/2001	20,000 Gal	Yes
	X-76 ETM, X-76 ETM-4X Magnetostrictive	NO	3/10/2000	15,000 Gal	Yes
VEEDER-ROOT	350Plus with 8463/8473/8493 Magnetostrictive	NO	4/18/2003	20,000 Gal Std.	Yes
	350Plus with 8463/8473/8493 Magnetostrictive	NO	5/27/2003	30,000 Gal CSLD	Yes

National Work Group on Leak Detection Evaluation (NWGLDE)

Third Party Certification Comparison Chart

Vendor	Probe Model	Requires 3rd Party Equip/App for Certification	Date	Volume	NWGLDE Listed
L&J	8100	N.A.	N.A.	N.A.	N.A.
GSI	MTG	Yes – XLD 2000	Under Test	1,501,000 Gal	Under Review
PNEUMERCATOR	TMS 3000 with Patriot Probe 7100	NO	9/19/2002	75,000 Gal	Yes

TROUBLE TICKET STATUS BY ATG EQUIPMENT

October 01, 2002 – Aug 6, 2004

MANUFACTURER	Air Force	Army	Navy	USMC	DLA	Total
L&J						
8100 Monitor	5	0	0	0	0	5
Probes	11	0	0	0	0	11
Other	148	5	4	1	0	158
Total	164	5	4	1	0	174
MTS						
Probes	2	0	2	1	0	5
ENRAF						
Probes	108	38	55	14	2	217
BARTON						
TCU	21	5	5	0	0	31
Probes	38	3	45	3	1	90
Other	582	52	88	9	9	740
Total	641	60	138	12	10	861
VEEDOR ROOT						
TLS	15	14	0	0	0	29
Probes	2	2	0	0	0	4
Other	7	28	5	4	0	44
Total	24	44	5	4	0	77
RONAN						
TMU	0	0	0	0	0	0
Probes	11	22	7	7	0	47
Other	76	72	45	17	0	210
Total	87	94	52	24	0	257