

# SIF Update for NAPSR Southern Region

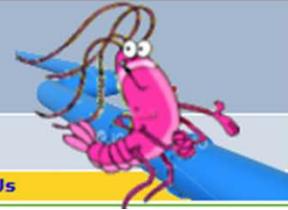
John Erickson

4-20-13

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## What Is APGA?

- The National Trade Association for Publicly-Owned Gas Utilities
- Over 700 member utilities in 36 states
- Created in 1961
- New mission in 2004
- Moved to Washington, DC
- Expanded to 10 staff

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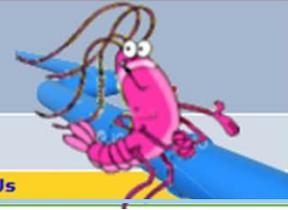
# Security & Integrity Foundation (SIF)

- Independent of APGA
- Assist small operators to operate safe gas distribution systems
- “Small operators” include—
  - Small utilities
  - Master meter, and
  - Propane piping systems
- Funded through a cooperative agreement with PHMSA and through product sales

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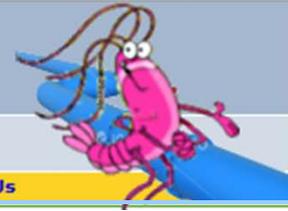
## SHRIMP

- 1163 active SHRIMP subscribers with 1774 systems total users (611 have let subscription expire)
- Major revision in 2012 – Manage plan revision and track changes
- Allows input of leak trending data through 2012
- Some issues with how “Replaces Plan Dated:” is addressed

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## Replaces Plan Dated Issue

- Prior versions of SHRIMP did not store effective dates of plans, therefore when a new plan is generated the programmer inserted this text:

Generated Date: 2013-01-02 Version: 2.1.1

Effective Date: 2013-01-02

Replaces Version: **Legacy** Effective: (**No Prior Plan**)

- We will fix it to have the user insert prior plan date

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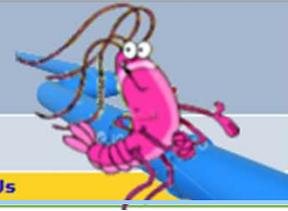
# Revisions

**Table 1. Plan Version History**

<b>Plan Version</b>	<b>Program Version</b>	<b>Date</b>	<b>By User</b>	<b>Notes</b>
2.1.1	2.1.6	2013-01-02	lanemiller	Leak data for 2012 was added. Version incorporates modifications to programming by the SIF during 2012.
Legacy	1.1.31	2012-12-13	lanemiller	Plan Generated Prior To Version Tracking. Cannot determine Year, Mode, Effective Date.

**Table 2. SHRIMP Version History**

<b>Program Version</b>	<b>Date</b>	<b>Notes</b>
2.1.6	2013-01-02	Data for 2012 may now be entered.
2.1.5	2012-12-13	Corrects crashes due to certain revision notes; Shows plan type (preview or final) in list of Written Plans.
2.1.4	2012-12-02	Corrects prior plan effective date; interview end during review or correct modes; required settings.
2.1.3	2012-11-28	Fix problem with editable areas when using "Correct" mode.
2.1.2	2012-11-18	SHRIMP update adding New Leaks mode and new Required Settings.
2.1.1	2012-04-24	Initial release of SHRIMP with full DIMP version tracking and revisions.
1.1.31	2012-04-24	All versions of SHRIMP prior to the incorporation of version tracking.



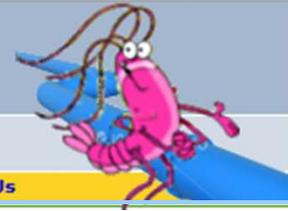
## What Types of Sectioning Are Allowed?

- Similar materials
- Geographic areas
- Similar pieces of equipment
- Tasks
- Specific crews or departments
- Anything that makes sense because of similar risk characteristics and effectiveness of A/A Actions

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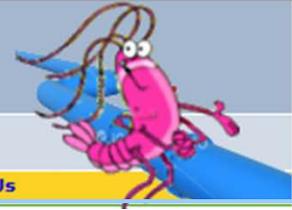
## Update

- We are still making adjustments to the threat questions and to the risk ranking model
- We are making every attempt to ensure no data is lost in the process
- Some changes may change relative risk ranks for one or more threat-sections
- We alert users to changes via the alert feature in SHRIMP and on the bulletin board at:  
<http://www.apgasif.org>

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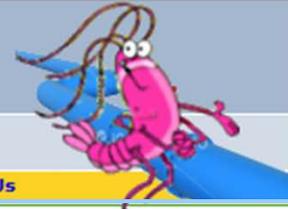
## Threat Assessment and Risk Model Changes

- Will consider statistical differences in leaks/mile and damages/ticket
- Add problem materials: PVC, ABC Driscopipe 8000
- Add meter loops to Equipment Threat
- Natural Forces – Mandatory sub-sectioning if any problem areas are identified
- Totally revamp excavation damage threat
- All threat-sections will be listed in the risk-ranking section of the plan regardless of level of risk

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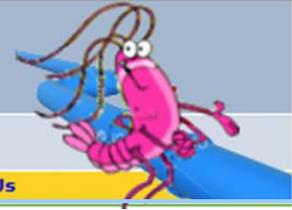
## Tracking Performance Measures

- Will include a database to store data on each of the pre-loaded threat-specific SHRIMP performance measures
- Will use the Mann-Kendall test to analyze for trends

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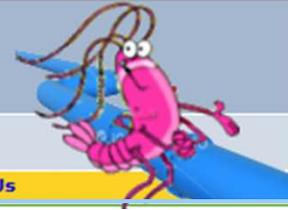
## Submit Annual Reports to PHMSA

- SHRIMP already asks for data required for distribution annual reports
- PHMSA requires electronic submission
- Rather than re-enter all data, user could use SHRIMP to submit data
- Not currently scheduled

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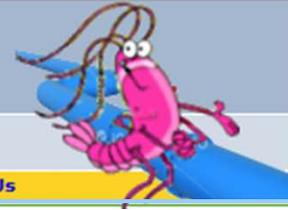
## Other SIF Programs

- Drug and Alcohol Plan Development Tool
- Has been available since 2011
- Only ~ 60 operators are using it
- Can be found at [www.apgasif.org](http://www.apgasif.org)

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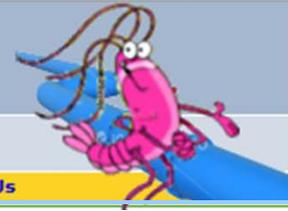
## In progress

- Revision of PHMSA small operator guides
  - Advisory group has provided comments on natural gas and OQ guides.
  - LP guide awaiting decision how to address NFPA Standard versions
- Operation and Maintenance Plan development tool
  - Are assembling advisory group-Volunteers?

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