

IGU WOC3 - Gas Transmission



Progress report Study Group 3.2

SPONSOR

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Summary

Scope and Purpose

-Attendees

- Validation of the 05 documents constituent the final reports

- WOC 3's data base transmission system
- GAPS THREAT
- Third party damage
- Ageing
- PIMS

- Presentation of the Best Practices, New Technologies & Lessons Learnt which could be the constituent the final reports

-Milestone /task diagram

Scope and Purpose

It is necessary to enhance the Integrity Plans in order to reduce risk of failure and accidents based on the Pipeline Integrity Management System approach :

- To define a Pipeline Integrity Management System approach.
 - To provide information on new development to reduce the gaps in integrity threat management.
 - To propose strategies to prolong the life of ageing pipelines or to reclassify the ones in use.
 - To describe what Governments, companies and suppliers are doing to improve “*Third party damage prevention*” (including the application of new rules)
 - To identify the critical tasks that affect integrity management.
 - To provide appropriate competency for personnel performing special tasks.
- be responsible for building and maintaining a Database of IGU Member Transmission Systems, containing information on transmission network (physical data)
- This Study Group will also : take over the work to build on strategies that support effective IMS HR issues with Task Force

Attendees 6th SG3.2 meeting

Attendees of 15 members (14 companies – 13 countries – 05 continents)

Names and surnames		Company	Team
FALABELLA	DANIEL	TGS	T.P.D
TABERKOKT	ABDERRAHMANE	GRTG;Spa	Ageing
NAZMI	MOHD	Petronas	Ageing
KRISHNASWAMY	PADMANABHAN	energinet.dk	PIMS
MASMOUDI	MED ADNENE	STEG	Ageing
SAID	NOUREDDINE	SERGAZ	T.P.D
KIM	WOOSIK	Korea Gas Corporation	Ageing
SUVEEREST	LOHAVANICH	Ptt	Ageing
ARTO	KORPELA	Gasum	PIMS
DEEPANK	GUPTA	AusNet Services	Threats
AKEL	SAMIR	GRTgaz	PIMS
HELLSTROM	ANDERS	Swedgas	PIMS
ARKADEJ	PONGSKDI	PTT	Threats
KARCH	LUKAS	Eurstream	
PINTO LEMGRUBER	NELSON	TBG	

Recall of the content of the document

The content of the document is based on the analysis of the answer of 04 questionnaires :

Items	Number	
	Questions	of the answers
PIMS	21	20
GAPS THREAT	12	19
Third party damage	50	19
Ageing	22	21
WOC 3's data base transmission system	08	23

Study Group 3.2 "Pipeline Integrity Management System"

Progress content of the document

- 1.0 Executive Summary : 90 %
- 2.0 Introduction : 90 %
- 3.0 Analyses of Questionnaires
 - 3.1 Pipeline Integrity Management System (PIMS) : 90 %
 - 3.2 Pipeline database :90 %
 - 3.3 Pipeline Threat management : 90%
 - 3.4 TPD : 80 %
 - 3.5 Managing Ageing Pipelines :80 %
- 4.0 Conclusions : 70 %
- 5.0 Recommendations : 70 %
- 6.0 Appendices
 - 6.1 Best practices, new technologies and lessons learnt : 60%
 - 6.2 Questionnaires 100 %

Study Group 3.2 "Pipeline Integrity Management System"

Best Practices, New Technologies & Lessons Learnt

- One Call System – Deepank
- External corrosion – Daniel
- Composite repair systems – wrap & clamp – Nazmi
- Remaining life prediction method, using statistical of ILI - pigging and corrosion growth rate - KIM

8- Milestone /task diagram

Year	2012		2013				2014			2015		
Quarter	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
WOC 3 Meetings												
Milestones/tasks												
Database of IGU WOC 3												
Establishing the questionnaire												
Intermediate meeting			20-21.03	25-26.06				MAY????				
Sending the questionnaire					July							
Reply of the questionnaire						15 nov						
Send the Excel File						Dec.						
Analysis of the questionnaire												
Quest's analysis validation +Part of the 1st version							March					
The 1st draft of the final report								1st week novem				
Validation of the final report									End nov			
Progress report												
IGU WGC report												

Thank you for your attention

