



# Well Intercept Sub-Committee eBook Revision 4 Proposal

Benny Poedjono, Jamie Dorey



Wellbore Positioning Technical Section



## Wellbore Positioning Technical Section



The Industry Steering Committee on  
Wellbore Survey Accuracy (ISCWSA)



**Benny Poedjono**

Retired, Emeritus, PTE Senior Advisor Wellbore Positioning, Ranging, Interception and Relief Well Operations



**Jamie Dorey**

Global Ranging Operations Manager, **Scientific Drilling International**





## WELL INTERCEPT SUB-COMMITTEE

### Mission

Develop good practice in well intercept scenarios and promote its adoption in the well construction industry.

## WELL INTERCEPT

## Mission

Develop good practices for well construction



and promote its adoption in the

- In line with WISC mission, the main objective; to actively disseminate the knowledge sharing of well-intercept good practices for the oil and gas industries.
- WISC eBook Revision 3 is one of the most ISCWSA downloaded document that used for the industry and academia. We received an excellent feedbacks that would need to incorporate in the next revision and also requires continuous update in order to be relevant.

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## The work

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1. Incorporate version 3 feedbacks
  - Diagram updates – requires more clarity and better text.
2. Surface Intervention
  - As an Appendix
3. Active Acoustic Ranging
  - Automated processing
4. Passive Magnetic Ranging
  - 3D Distribution Technique
5. Expand to include Advance Geothermal System (AGS)
6. Ranging Conveyance

## The need

6

1. Version 3 feedbacks
  - Input from SME: Technical writer to follow-up with the assigned SME for the content, edit then distribute the draft internally within WISC for feedback
2. Surface Intervention
  - Technical writer to edit, follow-up with SME then distribute the draft internally within WISC for feedback
3. Active Acoustic Ranging
  - Technical writer to edit the JPT paper, follow-up with SME then distribute the draft internally within WISC for feedback

## The need

4. Passive Magnetic Ranging; 3D Distribution Technique
  - Technical writer to edit the document, follow-up with the SME then distribute the draft internally within WISC for feedback
5. Expand to Advance Geothermal System (AGS)
  - SME to write introduction, challenges in wellbore positioning and ranging technologies in drilling advance geothermal system, ie close loop system
  - Technical writer to edit the document, follow-up then distribute the draft internally within WISC for feedback
6. Once the feedback received then Technical Writer to wrap up the document for final review prior publication.

## The responsibility

1. SME volunteer
  - To provide content. Write the draft document including graphics.
2. Technical writer
  - To edit, follow-up to ensure consistency with the rest of documents.
3. WISC Chairman and Co-Chair
  - Provide any support needed to SME and Technical writer.
4. Commercial Proposal
  - Vote; Yes or No



## Commercial Proposal

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1. ISCWSA Funded Project
  - WISC to provide ISCWSA with commercial proposal with estimated technical writer time to complete the contents.

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# WISC eBook Rev 4 Funding



The Industry Steering Committee on  
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## WISC eBook Revision 4 - Technical Writer Cost Estimate

No.	ChapterDescription	Hourly Cost (\$)	Estimate Hrs.	Cost Estimate
1	Version 3 Feedbacks	\$ 65.00		
	3.2.5.1To add wireline cable specifications		2	\$ 130.00
	7.2.1Rewrite. Make generic measured point distance to bit		6	\$ 390.00
	7.2.2Rewrite. Make generic measured point distance to bit		6	\$ 390.00
	8Figure 82 and explanation. Rewrite		4	\$ 260.00
	1.2Change to 3D Wellbore Positioning		4	\$ 260.00
	8Change, adding 3D Wellbore Positioning details		4	\$ 260.00
	9.4.1Add U-Tube details		4	\$ 260.00
1a	Workshop/Conference Call		12	\$ 780.00
2	New Addition			
	AppendixSurface Intervention		14	\$ 910.00
2a	Workshop/Conference Call		12	\$ 780.00
3	New Addition/Update			
	1.3Acoustic Ranging		2	\$ 130.00
	5Acoustic Ranging		12	\$ 780.00
3a	Workshop/Conference Call		8	\$ 520.00
4	New Addition/Update			
	2.6Passive Magnetic Ranging processing utilize 3D Distribution Technique		12	\$ 780.00
4a	Workshop/Conference Call		8	\$ 520.00
5	New Addition			
	1.5Advanced Geothermal System		2	\$ 130.00
	1.6.10Details of Advanced Geothermal System		22	\$ 1,430.00
5a	Workshop/Conference Call		14	\$ 910.00
		<b>Total</b>	<b>148</b>	<b>\$ 9,620.00</b>

56<sup>th</sup> General Meeting  
Main meeting 6<sup>th</sup> of October 2022  
Houston



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