Neu Dimension
Your Integrated Solutions Partner

MIT SUMMARY CHECKLIST TEMPLATE

By Clement Emang

INFO SUMMARY

Neu Dimension
Your Integrated Solutions Partner

1. Summary Checklist (at base)
2. Summary Checklist (at Well Site)
3. Summary Checklist (return to base)

MIT Summary Checklist Template

Neu Dimension
Your Integrated Solutions Partner

Summary Checklist (at base)

1

- Before proceed to any MIT job ensure that the well info such as well schematic, OHGR, tubing tally etc are available. Confirm with the Sales Engineer on the number of run and the size of tubing.

2

- During preparation phase, ensure that the MIT24 is available and functioning well. Make sure that the fingers are all functioning before packing for mobilization

At Base: Design & Prepare		
Design	Client has provided the well information, confirmed the number of run, logging interval and signed the work program.	☐
	Confirm the operation is within tool specifications.	☐
	Client already been informed on the limitation of the tools, equipment, well condition and etc.	☐
	Ensure availability of the required tool configurations.	☐
Prepare	Discussed with CHS FSM on the availability of the MIT Tools.	☐
	For X-Over, discussed with SLS FSM or OE on the availability and funtionality.	☐
	Prepare all the tools and accessories as per maintenance manual. Verify with the lab side on the maintenance.	☐
	Ensure all the consumables, spare parts, hand tools, and programming tools are already in the package.	☐
	Prepare Sondex Software (Refer to Op-Check Checklist).	☐
	Perform MIT Opcheck (Refer to Op-Check Checklist).	☐

MIT Summary Checklist Template

Summary Checklist (at Well Site: Rig Up)

Neu Dimension
Your Integrated Solutions Partner

1

- During rig up, confirm the well and hole properties. Ensure slickline run tcc first to avoid any possibilities of tool stuck during actual run

At Well Site: Execute		
Rig Up	Confirm well and hole properties with Wireline Supervisor. Review well history.	☐
	Make sure the well is stable and has been shut in for specific duration depending on the job program.	☐
	Ensure tubing clearance is conducted prior to RIH MIT Tools.	☐
	Perform MIT Opcheck (Refer Opcheck Checklist).	☐
	Prepare Sequence of Events (SOE) correpsonding to the designed logging interval.	☐
	Program UMT and duration accordingly.	☐
	Make-up MIT toolstring as per program.	☐
	Ensure FIT for X-Over from SLS/CTU/E-Line to MIT Tools.	☐
	Hook-up battery and record MIT initiation time.	☐
	Zero toolstring (CRP for MIT is at Finger) at Tubing Head Flange (THF).	☐

2

- Make sure to do Pre calibration before any run

3

- Ensure that the program UMT and duration are all confirmed by WSS and town before proceeding with the programming.

MIT Summary Checklist Template

Summary Checklist (at Well Site: MIT run)

Neu Dimension
Your Integrated Solutions Partner

1

- Start the timer once battery is connected to the tool.

2

- Make sure to RIH with average speed of 90ft/min and POOH with average speed of 30ft/min for the data to be good.

3

- NEVER RIH when the finger is open as it can damage the finger.

MIT Run	Perform MIT Caliper survey run as per SSP.	☐
	RIH with average speed of 30m/min to set depth.	☐
	POOH to surface at 10m/min, not exceeding 18 m/min.	☐

MIT Summary Checklist Template

Summary Checklist (at Well Site: MIT run)

1

- Once the tool reach the surface, disconnect the battery and make sure to clean the tool thoroughly

2

- Download data and perform QA/QC. Then proceed to do the Post-Calibration.

3

- Submit the Quick Look Report and all the Raw data to Lab Analyst for verification of data.

Post Job	Clean the tool during rig down while it hangs out from lubricator.	☐
	Rig down toolstring and retrieve MIT Tools.	☐
	Download data and perform data QA/QC as per SSP	☐
	Perform After Job Calibration as per SSP	☐
	Perform post job maintenance on MIT Tools	☐
	Submit the Quick Look Report and Raw Data to Client and Log Analyst	☐

MIT Summary Checklist Template

Summary Checklist (return to Base)

1

- Ensure that the equipment are all packed and secured before demobilization

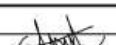
2

- Proceed to do the post job maintenance and report

Return to Base: Close		
	Arrange de-mobilization of the equipment back to base.	☐
	Complete Post Job Maintenance and Reporting	☐
	Submit any lessons learnt and improvement suggestion to FSM.	☐
	Attend debriefing with FSM.	☐

MIT Summary Checklist Template

EXAMPLE COMPLETED SUMMARY CHECKLIST

At Base: Design & Prepare		
Design	Client has provided the well information, confirmed the number of run, logging interval and signed the work program.	☑
	Confirm the operation is within tool specifications.	☑
	Client already been informed on the limitation of the tools, equipment, well condition and etc.	☑
	Ensure availability of the required tool configurations.	☑
Prepare	Discussed with CHS FSM on the availability of the MIT Tools.	☑
	For X-Over, discussed with SLS FSM or OE on the availability and funtionality.	☑
	Prepare all the tools and accessories as per maintenance manual. Verify with the lab side on the maintenance.	☑
	Ensure all the consumables, spare parts, hand tools, and programming tools are already in the package.	☑
	Prepare Sondex Software (Refer to Op-Check Checklist).	☑
	Perform MIT Opcheck (Refer to Op-Check Checklist).	☑
At Well Site: Execute		
Rig Up	Confirm well and hole properties with Wireline Supervisor. Review well history.	☑
	Make sure the well is stable and has been shut in for specific duration depending on the job program.	☑
	Ensure tubing clearance is conducted prior to RIH MIT Tools.	☑
	Perform MIT Opcheck (Refer Opcheck Checklist).	☑
	Prepare Sequence of Events (SOE) correpsonding to the designed logging interval.	☑
	Program UMT and duration accordingly.	☑
	Make-up MIT toolstring as per program.	☑
	Ensure FIT for X-Over from SLS/CTU/E-Line to MIT Tools.	☑
	Hook-up battery and record MIT initiation time.	☑
	Zero toolstring (CRP for MIT is at Finger) at Tubing Head Flange (THF).	☑
MIT Run	Perform MIT Caliper survey run as per SSP.	☑
	RIH with average speed of 30m/min to set depth.	☑
	POOH to surface at 10m/min, not exceeding 18 m/min.	☑
Post Job	Clean the tool during rig down while it hangs out from lubricator.	☑
	Rig down toolstring and retrieve MIT Tools.	☑
	Download data and perform data QA/QC as per SSP	☑
	Perform After Job Calibration as per SSP	☑
	Perform post job maintenance on MIT Tools	☑
	Submit the Quick Look Report and Raw Data to Client and Log Analyst	☑
Return to Base: Close		
	Arrange de-mobilization of the equipment back to base.	☑
	Complete Post Job Maintenance and Reporting	☑
	Submit any lessons learnt and improvement suggestion to FSM.	☑
	Attend debriefing with FSM.	☑
Name:	*CLEMENT EMANG YUSUP NGAU*	
Date:	30/10/2023	**Signature:** 

Neu Dimension
Your Integrated Solutions Partner

Thank you !

Questions and Answering Session

Neu Dimension
Your Integrated Solutions Partner

Prepared by,

Name: Clement Emang Yusup Ngau

Designation: Junior Field Engineer

Date: 1/1/2024

Verified by,

Name : Faris M. Firdaus

Designation : Field Service Manager

Date :

Verified by,

Name: Mohd Zahir Bin Abdul Manan

Designation: Operation Manager

Date: