



IADC UBO & MPD Committee
MPD PREPAREDNESS MATRIX

This Matrix intent is to provide guidance to the industry when evaluating the preparedness level of a MODU during inquiry or procurement process, supporting rig selection towards execution of operations for deepwater offshore scenarios.

Matrix is intended to be used in conjunction with API RECOMMENDED PRACTICE 92S FIRST EDITION, SEPTEMBER 2018 - Managed Pressure Drilling Operations—Surface Back-pressure with a Subsea Blowout Preventer.

Availability		Item	(Y/N)	Example		
				Rig 1	Rig 2	Rig 3
Marine Equipment	<ul style="list-style-type: none"> • Cross-Overs to riser joints • MPD Annular • Flow spool • Return flow hoses 	1	<input type="checkbox"/>	Y	Y	N
	• RCD and adapter	2	<input type="checkbox"/>	Y	N	N
Surface Equipment	<ul style="list-style-type: none"> • MPD pipework • Interfaces 	3	<input type="checkbox"/>	Y	Y	Y
	• MPD choke manifold & control system	4	<input type="checkbox"/>	Y	Y	N
MPD Operational Framework	• Rig specific policies & procedures	5	<input type="checkbox"/>	Y	Y	N
	• Rig specific MPD training	6	<input type="checkbox"/>	Y	Y	N
				1-6Y	1,3-6Y	3Y

Notes:

- The possible answers for the matrix are Yes (Y) or No (N).
- In order to be able to indicate an item of the Matrix as Yes, all sub items must be available to the rig.
- The information on the matrix is not time dependent; it must reflect the status of the rig at the time of the inquiry.
- Interfaces comprehend all possible interfaces between the MPD system and other existing system on the rig, such as mechanical connections, electrical supply, and communication, among others.