

# Future requirement of Drilling Rigs & Allied Services

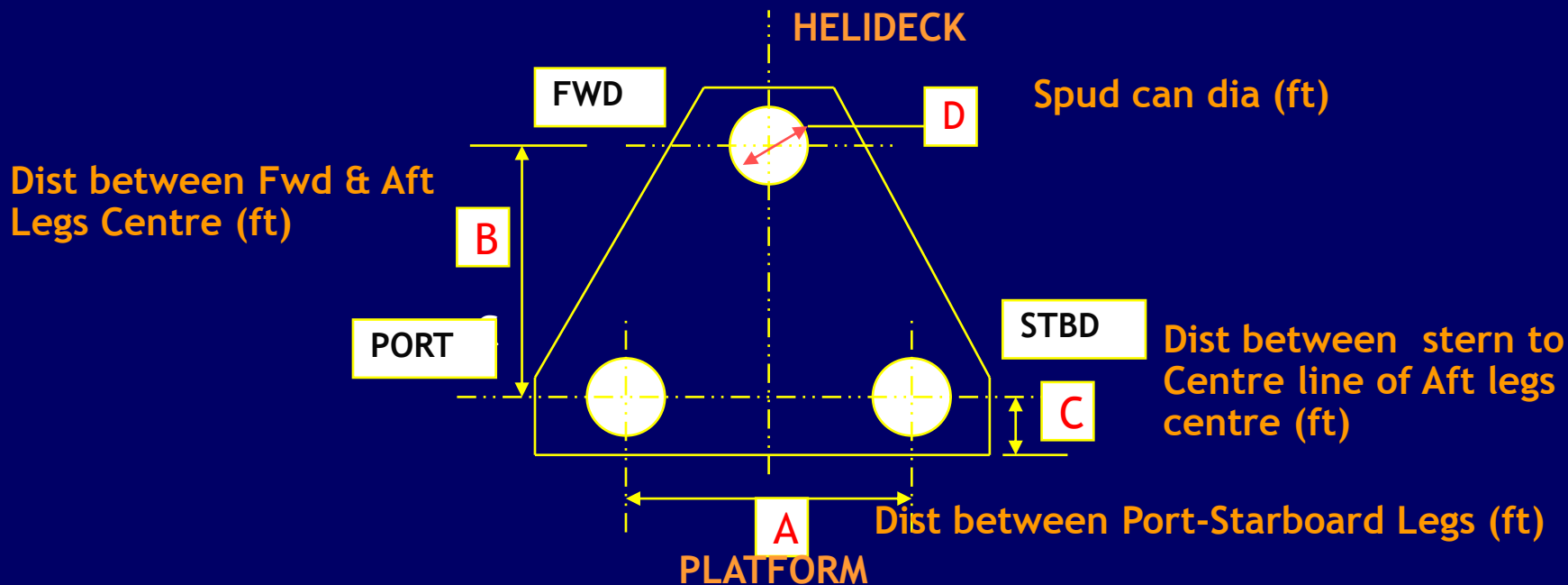
# Future Work load of Drilling Services

XII th Plan	Dev Wells	Expl Wells	Total (Wells)
2012-17	1120	610	1730

# Offshore Drilling Rig Requirement



# Broad Dimensions - CL Jack Up



Design	A	B	C	D
Hitachi-K1040	138	149	34.5	49
ROBCO-350	150	129.9	31	58
BMC-300C	155	134	43	48
MLT-116-SC	142	123	53.7	46
Lavingston-III-C	130	113	36.5	48
F&GL-780 Mod-II	120	115	35	40

# ONGC DRILLING RIGS

Sl.	RIG	MANUFACTURED BY	YEAR OF COMM.	TYPE
1	S/PRAGATI	CFEM FRANCE	OCT 1981	C/L J/UP MOPU Conversion
2	S/SHAKTI	R S SINGAPORE	OCT 1982	C/L J/UP
3	S/GAURAV	R S SINGAPORE	DEC 1982	C/L J/UP
4	S/JYOTI	H Z JAPAN	APR 1983	C/L J/UP
5	S/RATNA	H Z JAPAN	MAR 1985	C/L J/UP
6	S/VIJAY	H Z JAPAN	DEC 1985	DRILL SHIP
7	S/BHUSAN	HSL INDIA	SEP 1987	DRILL SHIP
8	S/KIRAN	MDL, INDIA	DEC 1988	C/L J/UP
9	S/UDAY	MDL, INDIA	APR 1990	C/L J/UP

# CH Rigs- Deployed for Exploratory Locations

Sl	Rig Name	Type
1	DS Matdrill	MAT
2	Aban - II	Mat HPHT
3	Kedarnath	CL-Slot
4	MG Hulme Jr	Floater
5	Badrinath	Floater
6	Noble Dutchess	Floater
7	Actinia	Floater
8	Energy Driller	Floater
9	GSF - 140	Floater HPHT
<b>Total</b>		<b>9</b>

# CH Rigs- Deployed for Development Locations

SL	Rig Name	Type	SL	Rig Name	Type
1	ABAN-III	MLT	11	DY VISION	(NG) MLT
2	DISCOVERY - I	(NG) MLT	12	DS FORTUNE	F&GL
3	NC YESTER	MLT	13	DS FOSSIL	F&GL
4	VIRTUE - I	(NG) MLT	14	NK DELANEY	F&GL
5	FGM	MLT	15	JT ANGEL	F&GL
6	GD CHAAYA	(NG) MLT	16	ABAN - IV	BMC
7	TRIDENT - II	MLT	17	TRIDENT - 12	BMC
8	RTM	MLT	18	ED HOLT	Livingston
9	GD CHITRA	(NG) MLT	19	P - 16	Platform Rig
10	CE THORNTON	MLT			
<b>Total</b>		<b>19</b>			

# CH Rigs-Deployed for Ultra-Deep water Drilling

Rig	Water Depth
DDKG-1	12,000 ft
Platinum Explorer	10,000 ft
<b>Total</b>	<b>2</b>



# CH Rigs-Hired (Under Mobilization)

<b>Rig Name</b>	<b>Type</b>
GSF Explorer	Floater -1400 M
Aban Ice	Floater- 600 FT
Deep Sea Treasure	300 FT C/L
Victory driller	300FT C/L
3 New Gen Rigs	IC C/L Rig likely In 2015-16
GD Chetna	HPHT Rig in 2013-14
JT Angel	Expl Likely in 2013-14
3 Conv. J/up rig	F & GL, 300FT C/L
<b>Total</b>	<b>12</b>

# CH Rig (Likely) requirement-Exploratory

## Additional Rig (Calendar year wise)

Type	2013	2014	2015	Remarks
Slot/CL	1 *	-	-	300FT WD, Tender to be invited

**Note: Type of Rigs may be changed based on workload**

## Substitute/Additional Rigs against de-hiring (Calendar year wise)

Type	2013	2014	2015	Remarks
C/L J-up	8	-	-	Tender to be invited

- Note:**
1. Type of Rigs may be changed based on workload
  2. Out of above 2 rigs are for water injection wells.

# Total Offshore Rig Years

(Tentative figures)

<b>Rigs</b>	<b>13-14</b>	<b>14-15</b>	<b>15-16</b>
<b>Exp. SW</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>Dev.</b>	<b>23</b>	<b>27</b>	<b>27</b>
<b>EX. Deep waters</b>	<b>4</b>	<b>3</b>	<b>3</b>
<b>Total Rigs</b>	<b>46</b>	<b>49</b>	<b>49</b>

Number of Rigs may vary based on work load

# Action Plan-Hiring of Rigs

- ◆ Composite tender to be invited for hiring additional rigs (8 Nos) as indicated earlier
- ◆ Accordingly, various services (Mud, Cementing Directional Drilling, Logging, Logistic Support) required for above rigs will be hired through ICB tender

# Acquisition of rigs

- ✦ 4 Nos of cantilever Jack up for 350' / 300' water depth of modified MLT & F&GL Foot print

# Dry Docking Schedule of ONGC Rigs

Rig	Schedule dates (in Shipyard)
S/Jyoti	Apr'14-Mar'15
S/Gaurav	Apr'15-Mar'16
S/Bhusan	Apr'16-Sep'16
S/Vijay	Feb'15-Mar'15
S/Shakti	Apr'16-Mar'17

# ON SHORE RIG STATUS AND REQUIREMENT



# Onshore Drilling Rig Inventory

- ONGC Owned Rigs - 68 Nos.
- Charter Hired Rigs - 11 Nos.

# HIRING OF LAND RIGS

Sl	ASSET / BASIN	STATUS
1	<b>Rigs Under Operations</b>  <b><u>(11 RIGS)</u></b>	<ul style="list-style-type: none"><li>• <b>SHIV#33-Type-II- Tripura (01 no.)</b></li><li>• <b>SHIV#50- Type-IV, 200T Mobile Rig-GTC -Assam (2 nos.)</b></li><li>• <b>SHIV#28-Type-II-Rajahmundry (01 no.)</b></li><li>• <b>SHIV#25,#26Type-III,JOHN#20-Type-III -Karaikal (03 nos. )</b></li><li>• <b>JOHN#10,#23(750HP),JOHN#19(1000HP) Mobile Rigs : Mehsana (03 nos.)</b></li><li>• <b>SHIV#39(1000 HP Mobile)-Ahmedabad (01 no.)</b></li></ul>

# HIRING OF LAND RIGS

SI	ASSET / BASIN	STATUS
2	<b>RIGS UNDER TENDERING (12 RIGS)</b>	<ul style="list-style-type: none"><li>• <b>01 1000 HP Mob. Rig for MBA Basin &amp; WOB with Mud, Cementing &amp; M-ETP</b></li><li>• <b>01 1000 HP Mob. Rig for Tripura Asset with Mud &amp; M-ETP for 3 Years</b></li><li>• <b>01 Type II Rig for AMD for 1 Year with Mud, Cementing &amp; M-ETP</b></li><li>• <b>04 Type III Rigs for ASSAM for 3 Years</b></li><li>• <b>03 Type II for Tripura (1 Rig for 2 Years &amp; 2 Rigs for 4 Years),</b></li><li>• <b>02 Type II Rigs one each for FB Ddn &amp; RJY for 1 1/2 years with Mud, METP &amp; Cementing</b></li></ul>

# Acquisition of Onshore rigs

- ✦ ONGC has planned to acquire onshore rigs against laying off the old existing rigs in phased manner



**Thank You**