



# Future Requirements of Offshore Fleet ( Air & Marine)

Offshore Logistics Group

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# Role of Offshore Logistics

- ▶ To transport men, material, consumables, food provision etc. besides Rig tows & anchor handling.



- ▶ To provide Safety, Fi-Fi and SAR coverage
- ▶ To repair and maintain underwater structures (*including splash zone area*), SBMs, Risers and Subsea pipelines



# Resources Available

( as on date)

Description	Total Numbers	Owned	Charter / hired	Remarks
OSV / AHTS / PSV	49	17	32	For rig move, supply & standby duties
MSV / DSV	5	2	3	For IMR duties
Helicopters	19	Nil	19	Both for Production and Crew change tasks
FFSV	2*	Nil	2*	One under mobilization; 2 <sup>nd</sup> under tendering.

# Resource - Features

Description	Salient Features
OSV / AHTS	Class : DP1, FiFi1  Capacity : AHTS - 150 /120 /80 T Bollard Pull; OSV -1500 DWT  Upper Age Limit * : 24 Years for tenders in 2013-14
PSV	Class : DP1  Capacity : 3000 T DWT  Upper Age Limit * : 24 Years for tenders in 2013-14
MSV / DSV	Class : DP 2, Fi-Fi 2

\* 21 years for tenders in 2014-15

# Resource - Features

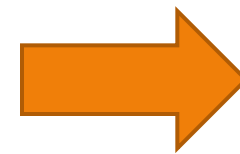
Description	Salient Features
Helicopters	<p>AS 4 Compliant;</p> <p>Capacity : 11 seater, AUW 5400 Kg <i>(Crew Change &amp; Production Task)</i></p> <p>15 seater AUW 8600 Kg <i>(Crew Change )</i></p> <p>Upper Age Limit : 5 years</p>

# Moving towards safer operations

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- Minimum DP-I capability made compulsory for all Vessels.
- Age Norms introduced for both Marine & Air Resources.
- All vessels except PSVs shall be Fi-Fi Vessels.
- Helicopters hired are all AS4 compliant.
- Old owned vessels being replaced by new vessels with state-of-the-art design.

Commensurate with aspirational  
Perspective Plan 2030 and  
E&P activities in East & West Coasts  
including Deep-water areas,  
OLG envisages complementing with  
augmentation of existing resource base



# Future Road Map

- **Offshore Vessels** : Up to 80 (*in different categories*)
- **MSV / DSV** : Increase in numbers to match increasing work load in upcoming deep-water operations.
- **High speed ISV / Crew boat** : To cater to faster surveillance & transportation from base and intra field movements.
- **Helicopters** : Increase up to 25 helicopters with increased deep-water E&P activities
- **Additional Supply Base** : To meet increased work load & feed remotely located rigs & offshore installations.



# Ongoing Tenders

Name of Project / Tender	Quantity	Likely date of issue of NOA	Estimated Value
Charter hire of FFSVs	1	July 2013	USD 19 Million
Charter hire of MSVs	2	Nov 2013	USD 285 Million
Charter hire of OSVs	16	Nov 2013	USD 219 Million
BBCB* for owned MSVs	02	Nov 2013	USD 537 Million
Upgradation of Nhava Supply Base	Lump-sum	Dec 2013	Rs 830 Cr
Charter hire of ARDSV	1	Dec 2013	USD 94 Million

\* Bare Boat cum Charter Back

# Forthcoming Tenders

Name of Project / Tender	Quantity	Likely date of issue of tender	Estimated Value
Charter hire of Crew boats	12	Aug 2013	Rs 103 Cr
Construction of DP3 MSV	01	Aug 2013	USD 135 Million
BBCB for owned OSVs	12	Aug 2013	USD 1221 Million
Painting of unmanned platform	90 Platforms	Aug 2013	Rs. 900 Cr
Charter hire of vessels (OSV / PSV / AHTS)	07	Nov 2013	USD 108 Million
	12 *	2015	-
Charter Hiring of Helicopters	9	July 2014	Rs 950 Cr
	10	2016	-

\* In addition to regular replacements

# Future Projects

Name of Project / Tender	Quantity	Likely timeline
Charter hire of Barge with Diving facility for 2 working seasons	01	2013
Construction of Crew Boat	10	2014
Construction of OSV + PSV	11 + 4	2015
Additional Supply Base	1	2015
Construction of MSVs with Deep-water capabilities	2	2016

# Expectations from Industry

- ❖ Ensure availability of adequate resources befitting the projected requirements
- ❖ Imbibe latest and relevant technology to ensure safer and more efficient operations; like ROV/AUV for Deep water application
- ❖ For Deep-water and distant locations, large parcel size vessels
- ❖ Faster finalization of tender needs support from Industry

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# Thanks