

**LOK SABHA**  
**UNSTARRED QUESTION NO.1510**  
**TO BE ANSWERED ON 5<sup>th</sup> MARCH, 2018**

**OIL EXPLORATION AT COCHIN HIGH**

**1510. SHRI ANTO ANTONY:**  
**SHRI MANOHAR UTAWAL:**

पेट्रोलियम और प्राकृतिक गैस मंत्री

**Will the Minister of PETROLEUM & NATURAL GAS be pleased to state:**

- (a) the details of surveys conducted by public/private sector companies for exploration of oil and natural gas deposits/blocks in the country including Cochin High during the last three years and the current year along with number of such oil and gas blocks discovered and explored and present status of oil explorations so far including funds spent by companies, State/UT/company/block-wise including Cochin High.
- (b) whether the work of geological and oceanic survey for exploring oil and gas deposits in the country including Bay of Bengal is being carried out at the desired place and if so, the details thereof along with the corrective measures taken by the Government in this regard;
- (c) whether the Government is dependent on certain private and foreign companies for exploration of oil and natural gas in the country and if so, the details thereof along with details of oil and gas blocks explored by these companies in the country during the said period and number of such blocks allocated to public/private/foreign companies, block/company-wise;
- (d) the details of revenue and profit earned by the Government by the exploration of oil and natural gas during the said period in the country; and
- (e) whether the Government proposes to establish oil based industry through public private partnership in the country and if so, the details thereof?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में मंत्री (श्री धर्मन्द्र प्रधान)

**MINISTER IN THE MINISTRY OF PETROLEUM & NATURAL GAS**

**(SHRI DHARMENDRA PRADHAN )**

- (a) & (b): The details of exploratory surveys conducted by public/private sector companies for exploration of oil and natural gas in the country during the last three years ( 2014-15 to 2016-17) and the current year 2017-18 are given below:-

Year	2D Survey LKM	3D Survey SKM
2014-15	6135	13347
2015-16	7816	6236
2016-17	19241	13648
2017-18 (P)	841	2014
Total	34032	35245

At present there is no active acreage in the Cochin High area of Kerala Konkan Offshore Basin, therefore, no exploratory activity has been carried out during last three years and in current year.

State-wise/Area-wise details of surveys carried out by various companies, expenditure made thereon and discoveries made are at **Annexure-1**.

(c) &(d): Government of India, in October, 2016 has launched National Seismic Programme (NSP) which aims to undertake an appraisal of sedimentary basins across India, especially where no/scanty data is available in order to have a better understanding of the hydrocarbon prospectivity. Under this programme Oil & Natural Gas Corporation (**ONGC**) Limited has been entrusted to carry out **40835 LKM** of 2D seismic data acquisition, processing & interpretation (API) in 22 onland Indian Sedimentary basins in 18 States and Union Territories. Oil India Limited (OIL) has been entrusted to carry out **7408 LKM** of 2D seismic data acquisition, processing & interpretation (API) in the North-Eastern States. Up to 31.01.2018 total 16447 LKM of 2D survey have been carried out under National Seismic Survey Program.

The details of total royalty, cess and profit petroleum paid by ONGC/OIL/Pvt JV companies in last three years and the current year in nomination and Production Sharing Regime blocks are as under:-

(Rs. in Crores)

	Royalty	Cess	Profit Petroleum
ONGC (Nomination)	12563	29353	Not Applicable (NA)
OIL (Nomination)	NA	5191	NA
PSC	13739	12308	20532

(e): Under the existing policy framework, oil and gas exploration and exploitation activities are carried out by both Private and Public companies either independently of their own or as joint venture consortium in partnership.

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**Annexure**

**Annexure to be referred in reply of Lok Sabha Unstarred Question No. 1510 to be answered on 05.03.2018**

<b>Statewise Basin Wise Companywise Expenditure on Exploration for last three year 2014-15 to 2016-17 under PSC Regime</b>				
<b>Company</b>	<b>Block/Field</b>	<b>BasinName</b>	<b>LocationArea</b>	<b>Figures in US Million \$</b>
Adani Welspun Exploration Ltd.	GK-OSN-2009/1	Gujarat-Kutch	Western Offshore	7.618
	GK-OSN-2009/2	Gujarat-Kutch	Western Offshore	14.045
	KG-OSN-2009/1	Krishna Godavari	Eastern Offshore	4.249
	KG-OSN-2009/2	Krishna Godavari	Eastern Offshore	3.920
	KG-OSN-2009/4	Krishna Godavari	Eastern Offshore	0.117
Bengal Energy International Inc.	CY-ONN-2005/1	Cauvery	Tamil Nadu	0.150
BF Infrastructure Ltd.	CB-ONN-2010/11	Cambay	Gujarat	2.521
	CB-ONN-2010-8	Cambay	Gujarat	3.554
Bharat Petro Resources Ltd	AA-ONN-2010/3	Assam-Arakan	Assam	0.396
	CB-ONN-2010/11	Cambay	Gujarat	4.201
	CB-ONN-2010-8	Cambay	Gujarat	4.443
	CY-ONN-2002/2	Cauvery	Tamil Nadu	5.834
	MB-OSN-2010/2	Mumbai	Western Offshore	1.892
	RJ-ONN-2005/1	Rajasthan	Rajasthan	0.072
Bharat Petroleum Corporation Limited.	CY-ONN-2004/2	Cauvery	Tamil Nadu	3.262
	MB-DWN-2010/1	Mumbai	Western Offshore	0.509
BP Exploration (Alpha)	CB-ONN-2003/1	Cambay	Gujarat	6.592
	CY-DWN-2001/2	Cauvery	Eastern Offshore	3.855
	KG-DWN-98/3-(D-6)	Krishna Godavari	Eastern Offshore	7.093
	NEC-OSN-97/2	Mahanadi-NEC	Eastern Offshore	3.510
	KG-OSN-2004/1	Krishna Godavari	Eastern Offshore	30.623
	MB-DWN-2010/1	Mumbai	Western Offshore	0.509
Cairn Energy Discovery Ltd	CB-ONN-2001/1	Cambay	Gujarat	0.001

Cairn Energy Hydrocarbons Ltd	RJ-ON-90/1	Rajasthan	Rajasthan	180.090
Cairn Energy India Pty Ltd.	CB-ONN-2001/1	Cambay	Gujarat	0.001
	KG-ONN-2003/1	Krishna Godavari	Andhra Pradesh	82.022
	KG-OSN-2009/3	Krishna Godavari	Eastern Offshore	37.822
	MB-DWN-2009/1	Mumbai	Western Offshore	8.046
	PR-OSN-2004/1	Palar	Eastern Offshore	6.543
	RAVVA	Krishna Godavari	Eastern Offshore	3.659
	RJ-ON-90/1	Rajasthan	Rajasthan	180.090
East West Petroleum	AA-ONN-2010/2	Assam-Arakan	Assam	0.545
Engineers India Ltd.	CB-ONN-2010/11	Cambay	Gujarat	3.361
	CB-ONN-2010-8	Cambay	Gujarat	3.554
ENI (India) Ltd.	AN-DWN-2003/2	Andaman-Nicobar	Andaman-Nicobar	1.082
Ensearch	CB-ONN-2004/3	Cambay	Gujarat	3.537
Essar Oil Ltd.	AA-ONN-2004/3	Assam-Arakan	Assam	0.186
	MB-OSN-2005/3	Mumbai	Western Offshore	13.927
Esveegee Steel (Gujarat) Pvt. Ltd.	CB-ONN-2009/2	Cambay	Gujarat	0.135
Frost International Ltd	CB-ONN-2010/5	Cambay	Gujarat	0.464
GAIL (India) Limited.	AA-ONN-2003/1	Assam-Arakan	Assam	0.025
	AA-ONN-2010/2	Assam-Arakan	Assam	1.089
	AN-DWN-2003/2	Andaman-Nicobar	Andaman-Nicobar	0.406
	CB-ONN-2000/1 (INGOLI)	Cambay	Gujarat	0.169
	CB-ONN-2003/2/Ank-21	Cambay	Gujarat	0.184
	CB-ONN-2010/11	Cambay	Gujarat	4.201
	CB-ONN-2010-8	Cambay	Gujarat	4.443
	CY-DWN-2004/1	Cauvery	Eastern Offshore	0.000
	CY-DWN-2004/3	Cauvery	Eastern Offshore	0.051
	CY-ONN-2005/1	Cauvery	Tamil Nadu	0.200
	GK-OSN-2010/1	Gujarat-Kutch	Western Offshore	1.932
	GK-OSN-2010/2	Gujarat-Kutch	Western Offshore	2.600
	MN-OSN-2000/2	Mahanadi	Eastern Offshore	16.914

Geo Enpro	KHARSANG	Assam-Arakan	Arunanchal Pradesh	0.082
Geo-Global Resources Inc.	CB-ON/2	Cambay	Gujarat	0.122
	CB-ONN-2002/3/ Miroli-1 & 6	Cambay	Gujarat	0.024
	CB-ONN-2003/2/Ank- 21	Cambay	Gujarat	0.092
	KG-ONN-2004/1	Krishna Godavari	Andhra Pradesh	12.711
	KG-OSN-2001/3 (DDW)	Krishna Godavari	Eastern Offshore	0.363
	RJ-ONN-2004/2	Rajasthan	Rajasthan	4.961
Geo-Petrol International Inc.	KHARSANG	Assam-Arakan	Arunanchal Pradesh	0.206
Gujarat State Petroleum Corporation Ltd.	AA-ONN-2003/1	Assam-Arakan	Assam	0.014
	AN-DWN-2009/5	Andaman-Nicobar	Andaman-Nicobar	0.216
	ASJOL	Cambay	Gujarat	0.000
	CB-ON/2	Cambay	Gujarat	0.489
	CB-ON/7	Cambay	Gujarat	0.000
	CB-ONN-2000/1 (INGOLI)	Cambay	Gujarat	0.169
	CB-ONN-2002/2	Cambay	Gujarat	0.000
	CB-ONN-2002/3/ Miroli-1 & 6	Cambay	Gujarat	0.130
	CB-ONN-2003/2/Ank- 21	Cambay	Gujarat	0.459
	CB-ONN-2004/2	Cambay	Gujarat	0.270
	CB-ONN-2004/3	Cambay	Gujarat	4.952
	CB-ONN-2005/10	Cambay	Gujarat	1.552
	CB-ONN-2005/4	Cambay	Gujarat	3.013
	CB-ONN-2009/4	Cambay	Gujarat	2.420
	CY-DWN-2004/3	Cauvery	Eastern Offshore	0.051
	CY-ONN-2005/1	Cauvery	Tamil Nadu	0.150
	GK-OSN-2009/1	Gujarat-Kutch	Western Offshore	7.618
	KG-OSN-2001/3 (DDW)	Krishna Godavari	Eastern Offshore	2.901
	MB-OSN-2005/1	Mumbai	Western Offshore	7.566

	RJ-ONN-2005/1	Rajasthan	Rajasthan	0.072
	RJ-ONN-2005/2	Rajasthan	Rajasthan	6.002
	CY-DWN-2004/3	Cauvery	Eastern Offshore	0.051
	MB-OSN-2010/2	Mumbai	Western Offshore	2.838
	RJ-ONN-2005/2	Rajasthan	Rajasthan	6.002
IMC Limited	RJ-ONN-2005/1	Rajasthan	Rajasthan	0.072
	CB-ONN-2005/2	Cambay	Gujarat	10.095
	CB-ONN-2005/7	Cambay	Gujarat	4.228
	CB-ONN-2010/6	Cambay	Gujarat	2.514
	GK-OSN-2009/1	Gujarat-Kutch	Western Offshore	7.618
	GK-OSN-2009/2	Gujarat-Kutch	Western Offshore	14.045
	MN-OSN-2000/2	Mahanadi	Eastern Offshore	16.914
Jubilant Energy (Kharsang) Pvt. Ltd.	AA-ONN-2009/1	Assam-Arakan	Manipur	0.025
	AA-ONN-2009/2	Assam-Arakan	Manipur	0.023
	KHARSANG	Assam-Arakan	Arunanchal Pradesh	0.206
Jubilant Enpro Pvt. Limited.	CB-ONN-2002/3/ Miroli-1 & 6	Cambay	Gujarat	0.047
Jubilant Offshore Drilling Pvt. Ltd.	AA-ONN-2009/1	Assam-Arakan	Manipur	0.054
	AA-ONN-2009/2	Assam-Arakan	Manipur	0.048
Jubilant Oil & Gas Private Limited.	AA-ONN-2003/1	Assam-Arakan	Assam	0.007
	AA-ONN-2009/1	Assam-Arakan	Manipur	0.070
	AA-ONN-2009/2	Assam-Arakan	Manipur	0.062
	KG-OSN-2001/3 (DDW)	Krishna Godavari	Eastern Offshore	0.363
Jubilant Securities Pvt. Ltd.	AA-ONN-2003/1	Assam-Arakan	Assam	0.025
	CB-ONN-2003/2/Ank- 21	Cambay	Gujarat	0.184
Mercator Petroleum Private Limited.	CB-ONN-2005/3	Cambay	Gujarat	5.644
	CB-ONN-2005/9	Cambay	Gujarat	11.962
Monnet Ispat & Energy Ltd.	CB-ONN-2010/11	Cambay	Gujarat	2.521
	CB-ONN-2010-8	Cambay	Gujarat	1.777
	KG-OSN-2009/1	Krishna Godavari	Eastern Offshore	4.249
	KG-OSN-2009/4	Krishna Godavari	Eastern Offshore	0.117
	KG-DWN-98/3-(D-6)	Krishna Godavari	Eastern Offshore	2.364

	NEC-OSN-97/2	Mahanadi-NEC	Eastern Offshore	1.170
Nitinfire	RJ-ONN-2004/1	Rajasthan	Rajasthan	0.000
Nobel Energy International Limited.	MB-OSN-2005/3	Mumbai	Western Offshore	13.927
	AA-ONJ/2	Assam-Arakan	Assam	3.809
	AA-ONN-2001/1	Assam-Arakan	Tripura	22.007
	AA-ONN-2002/3	Assam-Arakan	Assam	0.173
	AA-ONN-2009/3	Assam-Arakan	Assam	2.434
	AA-ONN-2009/4	Assam-Arakan	Assam	5.813
	AA-ONN-2010/2	Assam-Arakan	Assam	1.634
	AA-ONN-2010/3	Assam-Arakan	Assam	0.791
	AN-DWN-2003/2	Andaman-Nicobar	Andaman-Nicobar	1.217
	AN-DWN-2009/1	Andaman-Nicobar	Andaman-Nicobar	1.253
	AN-DWN-2009/2	Andaman-Nicobar	Andaman-Nicobar	0.923
	AN-DWN-2009/3	Andaman-Nicobar	Andaman-Nicobar	0.952
	AN-DWN-2009/5	Andaman-Nicobar	Andaman-Nicobar	1.941
	CB-ONN-2001/1	Cambay	Gujarat	0.004
	CB-ONN-2004/2	Cambay	Gujarat	0.330
	CB-ONN-2004/3	Cambay	Gujarat	5.660
	CB-ONN-2005/10	Cambay	Gujarat	1.615
	CB-ONN-2005/4	Cambay	Gujarat	3.136
	CB-ONN-2009/4	Cambay	Gujarat	2.420
	CB-ONN-2010/1	Cambay	Gujarat	6.804
	CB-ONN-2010/6	Cambay	Gujarat	10.055
	CB-ONN-2010/9	Cambay	Gujarat	5.960
	CB-OSN-2003/1	Cambay	Western Offshore	0.617
	CY-DWN-2004/3	Cauvery	Eastern Offshore	0.354
	CY-ONN-2002/2	Cauvery	Tamil Nadu	8.750
	CY-ONN-2004/2	Cauvery	Tamil Nadu	13.046
	CY-OSN-2009/2	Cauvery	Eastern Offshore	34.877
	GK-OSN-2009/1	Gujarat-Kutch	Western Offshore	15.236
Oil and Natural Gas Corporation Ltd.	GK-OSN-2009/2	Gujarat-Kutch	Western Offshore	18.727
	GK-OSN-2010/1	Gujarat-Kutch	Western Offshore	11.593

GK-OSN-2010/2	Gujarat-Kutch	Western Offshore	23.398
GS-OSN-2004/1	Saurashtra	Western Offshore	114.787
KG-DWN-2002/1	Krishna Godavari	Eastern Offshore	0.003
KG-DWN-98/2	Krishna Godavari	Eastern Offshore	205.001
KG-ONN-2003/1	Krishna Godavari	Andhra Pradesh	85.370
KG-OSN-2004/1	Krishna Godavari	Eastern Offshore	37.428
KG-OSN-2009/1	Krishna Godavari	Eastern Offshore	33.988
KG-OSN-2009/2	Krishna Godavari	Eastern Offshore	35.282
KG-OSN-2009/4	Krishna Godavari	Eastern Offshore	0.584
MB-OSN-2005/1	Mumbai	Western Offshore	30.265
MN-DWN-98/3	Mahanadi	Eastern Offshore	7.525
MN-OSN-2000/2	Mahanadi	Eastern Offshore	33.828
PA-ONN-2005/2	Purnea	West Bengal	4.022
PR-OSN-2004/1	Palar	Eastern Offshore	6.543
RAVVA	Krishna Godavari	Eastern Offshore	6.504
RJ-ON-90/1	Rajasthan	Rajasthan	154.363
VN-ONN-2004/1	Vindhyan	Rajasthan	0.936
VN-ONN-2004/2	Vindhyan	Rajasthan	2.962
VN-ONN-2009/3	Vindhyan	Madhya Pradesh	7.727
WB-ONN-2005/2	Bengal	West Bengal	5.941
WB-ONN-2005/3	Bengal	West Bengal	1.799
WB-ONN-2005/4	Bengal	West Bengal	13.381
AA-ONN-2002/3	Assam-Arakan	Assam	0.074
AA-ONN-2009/3	Assam-Arakan	Assam	2.434
AA-ONN-2009/4	Assam-Arakan	Assam	5.813
AN-DWN-2009/1	Andaman-Nicobar	Andaman-Nicobar	0.537
AN-DWN-2009/2	Andaman-Nicobar	Andaman-Nicobar	0.615
AN-DWN-2009/3	Andaman-Nicobar	Andaman-Nicobar	0.635
CY-OSN-2009/2	Cauvery	Eastern Offshore	34.877
GK-OSN-2010/1	Gujarat-Kutch	Western Offshore	5.796
KG-DWN-2002/1	Krishna Godavari	Eastern Offshore	0.001
KG-ONN-2004/1	Krishna Godavari	Andhra Pradesh	114.398
KG-OSN-2009/4	Krishna Godavari	Eastern Offshore	0.351



	KHARSANG	Assam-Arakan	Arunanchal Pradesh	0.329
	MB-OSN-2010/2	Mumbai	Western Offshore	4.730
	MN-OSN-2000/2	Mahanadi	Eastern Offshore	16.914
	MZ-ONN-2004/1	Assam-Arakan	Mizoram	52.895
	RJ-ONN-2004/2	Rajasthan	Rajasthan	14.884
	RJ-ONN-2005/2	Rajasthan	Rajasthan	18.007
	WB-ONN-2005/4	Bengal	West Bengal	4.460
Omkar Naturals Resources Pvt. Ltd.	CB-ONN-2005/5	Cambay	Gujarat	0.350
Pan India Consultants	CB-ONN-2010/5	Cambay	Gujarat	0.116
	MN-DWN-98/3	Mahanadi	Eastern Offshore	5.017
Petrobras	CB-ONN-2002/3/ Miroli-1 & 6	Cambay	Gujarat	0.035
	RAVVA	Krishna Godavari	Eastern Offshore	2.033
	CB-ONN-2003/1	Cambay	Gujarat	15.380
	CY-DWN-2001/2	Cauvery	Eastern Offshore	8.995
	KG-DWN-98/3-(D-6)	Krishna Godavari	Eastern Offshore	14.186
Ravva Oil Pte. Ltd.	NEC-OSN-97/2	Mahanadi-NEC	Eastern Offshore	7.019
	NEC-DWN-2004/1	Mahanadi-NEC	Eastern Offshore	0.628
	NEC-DWN-2004/2	Mahanadi-NEC	Eastern Offshore	0.688
	MZ-ONN-2004/1	Assam-Arakan	Mizoram	9.334
Santos International Operations Pty. Ltd.	PR-OSN-2004/1	Palar	Eastern Offshore	5.608
	RAVVA	Krishna Godavari	Eastern Offshore	4.065
Grand Total				2177.040

Details of Exploratory work carried out under Production Sharing Regime																
	14-15				15-16				16-17				2017-18 Q2 Only			
BasinName	2D Survey (LKM)	3D Survey (SKM)	Exp. Wells Nos	Discoveries	2D Survey (LKM)	3D Survey (SKM)	Exp. Wells Nos	Discoveries	2D Survey (LKM)	3D Survey (SKM)	Exp. Wells Nos	Discoveries	2D Survey (LKM)	3D Survey (SKM)	Exp. Wells Nos	Discoveries
Andaman-Nicobar	0	0	0		0	0	0		0	0	0					
Assam-Arakan Fold Belt	0	297	0		0	0	1		0	0	1					
Assam-Arakan Shelf	92	126	1		196	0	4		104	78	1			150		
Bengal	0	0	1		0	0	2		3140	3065	1					
Cambay	3241	404	19	6	5607	0	21	5	11780	446	22	5	444		8	2
Cauvery	0	0	2	2	0	0	1		3124	1311	3					
Deccan Syncline	0	0	0		0	0	0									
Ganga	0	0	0		0	0	0		0	0	1					
Himalayan-Foreland	0	0	0		0	0	0									
Kerala Konkan	0	0	0		0	0	0									
Krishna Godavari	34	1710	12	2	1581	0	8	4	523	255	4	1			1	
Kutch	0	0	4	3	0	0	1	1	0	0	4	1				
Mahanadi	0	0	2		0	0	0		0	0	0					
Mumbai	2128	0	0		0	0	3	1	0	0	0	1				
Pranhita Godavari	0	0	0		0	0	0									
Rajasthan	0	711	46	9	0	791	13	2	110	1151	0					
Satpura-South Rewa-Damodar	0	0	0		0	0	0		0	0	0					
Saurashtra	0	0	1		0	0	1	1	0	0	0					
Vindhyan	0	0	0		0	0	0		0	0	2					
Grand Total	5495	3248	88	22	7384	791	55	14	18781	6306	39	8	444	150	9	2

Statewise Expenditure on Exploration for last three year by ONGC

(Rs. In Crore)

Sl.No.	State/UT			
		Total Exploration Cost	Total Exploration Cost	Total Exploration Cost
1	Andhra Pradesh	592.24	339.41	889.26
2	Assam	729.42	587.17	665.99
3	Bihar	-	0.01	0.79
4	Gujrat	741.63	828.48	669.68
5	Himachal Pradesh	5.61	3.18	21.02
6	Jharkhand	55.31	28.34	31.55
7	Madhya Pradesh	105.02	70.47	121.30
8	Mizoram	16.07	73.86	23.09
9	Nagaland	-	0.14	0.39
10	Rajasthan	126.72	130.73	70.67
11	Tamil Nadu	183.06	392.68	365.20
12	Tripura	142.97	250.69	237.10
13	Uttar Pradesh/	-	-	0.05
14	Uttranchal	69.96	20.96	3.64
15	West Bengal	120.16	122.84	108.59
	<b>Total Onshore</b>	<b>2,888.18</b>	<b>2,848.95</b>	<b>3,208.32</b>

16	Offshore			
	Andhra Pradesh-Offshore	1,402.05	3,238.44	4,724.26
	Andaman-Offshore	13.83	42.72	65.00
	Maharashtra- Offshore	3,511.38	2,533.06	3,599.74
	Orissa-Offshore	22.58	29.69	1,144.58
	Tamil Nadu-Offshore	255.65	14.36	70.97
	West Bengal-Offshore	(0.00)	0.00	0.00
	Kerela	-	0.40	8.34
	Kuchh saurastra offshore	224.92	771.51	410.50
	Total Offshore	5,430.40	6,630.19	10,023.37
	Grand Total	8,318.58	9,479.14	13,231.69

Details of exploratory activities carried out by ONGC in the country during 2014-17 and 2017-18:

Basin	Year:2014-15				Year:2015-16				Year:2016-17				Year:2017-18(as on 01.01.2018)			
	2D (LKM)	3D (SKM)	Exploratory Wells	Discovery	2D (LKM)	3D (SKM)	Exploratory Wells	Discovery	2D (LKM)	3D (SKM)	Exploratory Wells	Discovery	2D (LKM)	3D (SKM)	Exploratory Wells	Discovery
Rajasthan		0.5	1.0			86.8	1			108.3	1.0			60.1		
Cambay	153.2	328.2	26.0	4.0		354.321	31.0			450.8	31.0	5.0		108.7	19.0	2.0
Assam Shelf			10.0	3.0		54.05	7.0			11.7	8.0	5.0			6.0	
Cachar	148.6		2.0	1.0	184	32.1	1		10.5	73.9	3.0				1.0	
Tripura	68.8	13.6	4.0		117.82	10.16	6.0	2	35.5	16.9	3.0			92.1	7.0	1.0
KG		327.7	5.0	1.0		724.16	5	4		1235.0	7.0	2.0		641.1	4.0	1.0
Palar			2.0													
Cauvery	207.4	230.6	7.0	2.0		47.48	5.0	1			6.0				6.0	
Bengal			1.0				2				2.0				1.0	
HF			1.0													
Vindhyan		203.0	3.0	1.0			2.0		216.7	374.8	2.0	1.0	354.8	44.9	2.0	
Damodar (CBM)	<b>28.0</b>															
<b>Total onland</b>	<b>605.9</b>	<b>1103.6</b>	<b>62.0</b>	<b>12.0</b>	<b>0.0</b>	<b>0.0</b>	<b>51.0</b>	<b>0.0</b>	<b>262.7</b>	<b>2271.4</b>	<b>63.0</b>	<b>13.0</b>	<b>354.8</b>	<b>946.9</b>	<b>46.0</b>	<b>4.0</b>
Kutch Saurashtra		276.2	6.0	2.0			7.0	3			8.0	1.0			6.0	
Mumbai		7349.2	16.0	3.0		4040.2	15.0	3		4353.2	23.0	5.0		518.1	16.0	1.0
KG		317.1	13.0	4.0		94.53	5.0	2		658.8	6.0	3.0		149.1	6.0	2.0
Cauvery		1320.3											-	-	-	-
KG			3.0	1.0			5	2		<b>124.3</b>	<b>0.0</b>	<b>0.0</b>			4.0	2.0
Mahanadi			3.0				<b>5.0</b>	<b>2</b>								
<b>Total Offshore</b>	0.0	9262.8	41.0	10.0	0.0	0.0	32.0	0.0	0.0	5136.3	37.0	9.0	0.0	667.3	32.0	5.0
<b>Total ONGC</b>	<b>605.9</b>	<b>10366.3</b>	<b>103.0</b>	<b>22.0</b>	<b>0.0</b>	<b>0.0</b>	<b>83.0</b>	<b>0.0</b>	<b>262.7</b>	<b>7407.7</b>	<b>100.0</b>	<b>22.0</b>	<b>354.8</b>	<b>1614.1</b>	<b>78.0</b>	<b>9.0</b>

**Oil India Limited**

**State-wise details of Seismic Survey during last three years & current year upto Q3, 2017**

(Expenditure Rs. in Crore)

Basin	Year:2014-15				Year:2015-16				Year:2016-17				Year:2017-18(Upto Q3)			
	2D (LKM)	3D (SKM)	Expenditure	Discovery	2D (LKM)	3D (SKM)	Expenditure	Discovery	2D (LKM)	3D (SKM)	Expenditure	Discovery	2D (LKM)	3D (SKM)	Expenditure	Discovery
Assam & Arunachal Pradesh	208.8	113.4	245.2	11.0	283.3	100.1	241.8	6.0	197.0	141.4	221.9	10.0	42.2	149.9	190.9	5.0
Mizoram		296.6	35.9			0.0	34.5			0.0	11.2			0.0	1.6	
K G Basin	33.8		29.6	1.0		0.0	25.9			0.0	36.2				31.0	
Mumbai Offshore		824.2	26.9			0.0	1.0			0.0	10.7			0.0	-	
Toatl	242.7	1234.2	337.6	12.0	283.3	100.1	303.1	6.0	197.0	141.4	280.0	10.0	42.2	149.9	223.5	5.0