



REGIONAL WORKSHOP

RECENT ADVANCES IN ENVIRONMENT & FOREST LAWS WITH SPECIAL
REFERENCE TO OIL & GAS SECTOR (2ND EDITION)

January 23, 2025

Organized by
**Regional Office, Ministry of Environment, Forests &
Climate Change, Shillong**

In Collaboration With
Society for Petroleum Professionals

Hosted by
Oil India Limited and ONGC Limited

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Pain Point Issues Related to O&G E&P Activities in NER - Proposed for Discussion Today

**Joydev Lahiri, General Secretary
Society for Petroleum Professionals**



Pain Point Issues related to O&G E&P Activities -We Propose to Discuss Today

- 1) “Goa Foundation Case Judgement of Supreme Court” on “Ban of Mining Activities” inside PA and within 1 Km from boundary of the PAs- Not applicable for O&G E&P activities in reference to Supreme Court’s order dtd 07.09.2017
- 2) 12 issues need to be considered related to FC approval process introduced wef 01.12.2023 under Van (Sanrakshan Evam Samvardhan) Rule, 2023 for O&G E&P activities
- 3) Ongoing vicious cycle between “Recommendation of Provisional EC by EAC subjected to submission of Stage-I FC ” and its “ Null and Void” status when approached with Stage-I Forest Clearance after its approval in 4-5 yrs time
 - Stage I FC submission Timeline is 12 months only (extendable by 6 months) for the cases EC provisionally recommended -Failing which, EC to be applied afresh
 - Validity of EIA Report and Public Hearing (PH) proceedings are 3 years and when approached with Stage-I FC after 4/5 years it requires fresh base line studies for the EIA report and fresh PH process
- 4) Uniform fees for grant of Consent to Establish (CTE) or Consent to Operate (CTO) proposed by MoEF&CC vide draft gazette notification GSR 423 (E) dtd 19.07.2024 -Needs stakeholder consultations before final notification
- 5) 10 Km ESZ area continuing for more than last one and half decades since 4th December, 2006 for 8 PAs in Assam & Arunachal Pradesh in pursuance to Supreme Court’s order in WP (C) 460/2004- Draft Notifications yet to be Published for 5 PAs in Assam and Draft/Final notifications for 3 PAs in Arunachal Pradesh
- 6) **Separate procedures** to be formulated for Wildlife Clearance approvals of projects from SC-NBWL for proposals executed in ESZ areas of the PAs, instead of treating these at par with the projects inside the PAs- Mechanism introduced by Ministry on 26.09.2014 for Wildlife clearances approval directly from SC-NBWL at Central level for projects in ESZ areas has been withdrawn wef 01.05.2015 as a cascading effect of an OM from IA division dtd 30.03.2015
- 7) **Separate Wildlife Clearance Application Forms** to be formulated for projects in ESZ areas and Projects inside PAs , **instead of using common Form both the cases**- As only section 3(2)(v) of the Environment (Protection) Act 1986 and Rule 5 (viii) and (x) of the Environment (Protection) Rules, 1986 and EIA Notification, 2006 are applicable in ESZ area. WLC required in ESZ areas in compliance of Supreme Court’s order dtd 04.12.2006 against WP(C) 460/2004 only and not under W(P) Act, 1972, which is applicable for projects inside PAs

- 8) EC for both 'A' and 'B2' category projects to be granted with number of wells along with Block coordinates- Coordinates of wells not to be insisted- Such was followed earlier and discontinued of late

Justification: EIA study is done for the entire block as well as 10 Km radius from the block boundary- Hence so long the no of wells remains unchanged within the block boundary in NFL, well coordinates have no significance in the Baseline data of EIA Report – Thus well coordinates not to be insisted

- 9) Relaxation on EC grant process for the O&G E&P Projects closed to International Borders and falling under the Territorial Jurisdiction of BSF notified by Gol on 11.10.2021 -Such may be considered as “**Strategic Energy Project of National Importance**” and EC may be granted either as B2 category Projects under EIA Notification, 2006 or may be considered under 1E category of EIA Notification, 2006

Relaxation proposed in line with FC exemption granted by Gol under Van (Sanrakshan Evam Samvardhan) Adhinuyam, 1980 **for distance up to 100 Km along international borders** for strategic linear projects and projects of National Importance / National Securities

- 10) Lands notified as forests in records of the State Govt but practically at present there is no forest cover over ground due to change in demographic patterns over last 3/4 decades- Need to be considered for De-Reservation

- 11) 1,157 Km Naharkatiya- Barauni Pipeline of OIL laid in 1960s, much prior to enactment of FCA, 1980 and W(P) Act, 1972, need to be exempted from Forest Clearance and Wildlife Clearance approval processes for Day to day Repair/Maintenance and Upgradation works- A site inspection may be undertaken in OIL's Pipeline ROW of 1960s to amend the OM of the Ministry dtd 23.12.2022, which wrongly envisaged that, with the passage of time, natural vegetation and Tree have grown over the Pipeline ROW of OIL and by breaking of lands in connection with Day to Day Repair/ Maint/Upgradation works inside forests would result into felling of trees and damage the surrounding Flora & fauna -Hence granted FCA, 1980 exemption for a maximum period of 3 months for tackling Emergency situations like Pipeline leak/ burst etc

- 12) Oil & Gas E&P activities are not to be 'Prohibited' in final site specific ESZ notifications (Published or To be published) - It should be permitted as 'Regulated' activity by forming a 'Monitoring Committee'

- 13) Subsidence Study condition not to be stipulated in all EC orders, as O&G E&P activities do not cause any land subsidence affects

- 14) These are not to be stipulated in all EC Orders and may be considered for permanent Production installations-

Monitoring of fugitive emission of methane using Infra-red camera / Trapping & Storing of CO₂ / Mobile ETP coupled with RO for drilling locations/ Zero Liquid Discharge at drilling locations / Making of Pucca Approach Road to Drilling sites to minimize generation of suspended dust – Else such results to non-compliances when seeking CCR from RO, MoEF&CC for Expansion projects

- 15) Green Belt development in 33% of the total Block area should be applicable for Permanent Production Installations only and not for all Cases, viz: Offshore drilling activities within 12 nautical miles, Onshore temporary drilling activities and when the entire Project is executed in forest lands
- 16) Clarification on EC Validity for O&G E&P Projects Vice-versa CTO Grants by PCB/PCCs- Grant of CTOs denied in some States even after putting the part of the Project activities into Production within 10 years validity period of EC
- 17) An uniform SOP need to be formulated for grant of B2 Category Exploratory ECs –As the present evaluation/ approval process varies from State to State
- 18) Validity of EC for O&G E&P Projects is only 10 years with provision of extension by max one year, whereas PML blocks are normally allotted by Gol for 20 years- To consider for making EC validity Coterminous with the validity period of PML
- 19) Validity of CCR (Certified Compliance Report) for Expansion Projects to be increased from 1 year to 3 years in line with the validity of EIA Report and PH proceeding are made 3 yrs vide OM dtd 08.06.2022
- 20) Whether NPV @ 2% still payable while granting O&G PMLs involving Forest lands in pursuance to OM dtd 24.06.2015 ? Since FC approval from Central Govt under section 2(1) (iii) of Van (Sanrakshan Evam Samvardhan) Adhinyam, 1980 has been abolished under new FC Regulations and at present no provision available in PARIVESH portal for on-line payment of NPVs prior to grant of PML by the respective State/UT Govt.
- 21) Request for formulation of a “**Standard Check List for raising EDS Queries**” against FC proposals- Repeated EDSs are raised against the same proposals at various levels
- 22) Suggestions for resolving the CA land non-availability issue in NER
- 23) Wildlife Management Plan not to be insisted by EAC (Industry-2) while considering ‘A’ category EC proposals - As preparation and Implementation of Wildlife Management Plan is the responsibility of the State/UT Govts and UAs only have to deposit 2% of the total Project Cost in ‘CAMPA’ fund towards the said account (OM 08.06.2022)
- 24) **In Assam, CTE is not granted till EC is accorded for the Project-** A clarification OM required from the Ministry
- 25) May consider for abolishing submission of 6 monthly EC Compliance Report for Projects declared Financial Closures and the Project is put into Operational services and monitored with CTO under Air & water Acts
- 26) CTE need to be Exempted for the Projects having EC / applied for EC- CPCB already issued guidelines in this respect on 02.02.2017 and 02.11.2018
- 27) Preparation of Digitised Map for Forest and Wildlife areas in NER

Request for Resolving the Two Long Pending Issues of NER:

- 1) OIL is not getting possession of 7.111 ha Forest lands due to encroachments in Locations KUP & KUL in Ningru PML under Diyun Circle of Changlang district in Arunachal Pradesh- Final FC granted on 25th February, 2021
- 2) Regularization of FC Violation Case for 30 drilling locations (31.79 Ha) in Kharsang PML of GeoEnpro Petroleum Ltd in Arunachal Pradesh awaited since 2019 even after settlement of Rs 12.57 cr as Panel CA and Panel NPV as per directive of Central Govt while granting FC vide letter dtd 27.09.2017 under section 2(iii) of FCA, 1980 for the purpose of granting PML by the State Govt of Arunachal Pradesh

“Goa Foundation Case Judgement of Supreme Court” on “Ban of Mining Activities” inside PA or within 1 Km from boundary of the PA

Not applicable for O&G E&P activities in reference to Supreme Court's order dtd 07.09.2017 on OIL's ERD Projects



Extraction of Natural Gas / Oil Can not be considered as ‘Mining’ in terms of Hon'ble Supreme Court order dated 04.08.2006 in IA 1000 in WP (C) No. 202/1995- Hence “Ban on Mining Activities” inside PAs and within 1 Km from the Boundary of the PAs in compliance to “Goa Foundation Case Judgement” of Supreme Court dtd 21.04.2014 in IA-1000 of WP (C) No. 202/1995 followed with last order of Supreme Court dtd 26.04.2023 is not applicable for O&G E&P activities

A) Operational Frameworks: O&G E&P Activities and Conventional Mining Activities

- Extraction of “**Mineral Oils**” (Petroleum Oil & Natural Gas) governed under Oilfields (Regulation and Development) Act, 1948 and Mining of other “**Minerals**” governed under First Schedule of MMDR Act, 1957- Distinct Constitutional, Legislative and Operational frameworks prevails
Oilfields (Regulation and Development) Amendment Act, 2024 passed in Rajya Sabha on 03.12.2024 clarifies that Extraction of “**Mineral Oils**” (Petroleum Oil & Natural Gas) is not ‘Mining’ activities
- Regulations 3 (aa) & 3(b) of MMDR Act, 1957 **Excludes “Mineral Oil (Natural Gas and Petroleum Oil)”** from the purview of the MMDR Act, 1957
- Under purview of Forest Regulations, O&G E&P Activities are presently treated at par with Coal, Iron and other mining activities performed under purview of MMDR Act, 1957, **which attracts “Goa Foundation Case Judgement”** of S’Court dtd 21.04.2014 in IA-1000 of WP (C) No. 202/1995 followed with its subsequent order dtd 26.04.2023 **but no way this judgement attracts O&G E&P activities**
- Under EIA Notification, 2006, Oil & Gas E&P activities are considered as “**Industrial Project**” under schedule 1(b) and **Mining Projects** are categorised in EIA Notification under schedule 1(a)

B) Supreme Court’s Final Judgement dtd 07.09.2017 in OIL’s ERD Project beneath Dibru-Saikhowa NP, Assam

‘Goa Foundation Case’ judgement dtd 21.04.2014 is not applicable for OIL’s ERD Project (O&G E&P activities) since ‘Goa Foundation Case’ judgement is applicable only to Open Cast/ Surface Mining Leases granted under MMDR Act, 1957 and Oil Mining Leases are granted under Oilfields (Regulation and Development) Act, 1948

B.1) Supreme Court awarded Final Judgement on 07.09.2017 for OIL's ERD Project beneath Dibru-Saikhowa NP, Assam based on followings:

- **Recommendation of CEC vide its Report dtd 09.05.2016** against IAs 3934 of 2016 and IA 3788 of 2014 in WP(C) no 202 of 1995- **CEC Clarified in Para (6) and (7) of the Report that, 'Goa Foundation Case' judgement is not applicable for ERD campaign of OIL to drill 7 wells to access Hydrocarbon Reservoir beneath Dibru-Saikhowa NP in Assam and use of this technology in no way adversely Impact the Flora and Fauna around the NP**
- **SC-NBWL approved the Project** in its 44th meeting held on 29.07.2017 in conformity to **Supreme Court's order dtd 05.10.2015** and **Supreme Court's Directive to SC-NBWL vide its order dtd 28.07.2017 for OIL's ERD Project**

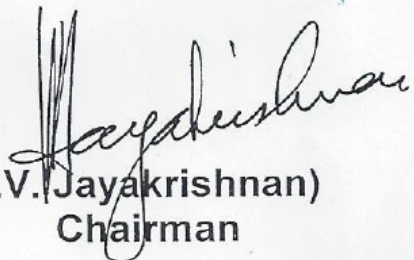
CEC's Report dtd 09.05.2016

6. The Applicant has submitted that this Hon'ble Court's orders dated 14.2.2000 in IA No. 548 which prohibits removal of dead dying trees and the order dated 4.8.2006 in IA No. 1413 and related IA's in IA No. 1412 and related IA's (Temporary Working Permit matter) in T.N. Godavarman Thirumalpad Vs. Union of India (WP(C) No. 202/1995 prohibits mining within and within 1 km. of from boundary of the National Parks and Sanctuaries is not applicable in the present case. The Applicant is also seeking clarification / relaxation that the order and judgment dated 21.4.2014 in the Goa Foundation reported in (2014) 6 SCC 590 which prohibits mining within and within one kilometre from the boundary of any National Park and Sanctuary declared under the provisions of the Wild Life (Protection) Act, 1972 and which is applicable only to open cast / surface mining leases granted under the MMDRA Act and not leases under the provisions of the Oil Fields (Development and Regulation) Act, 1948. The Applicant has prayed that this Hon'ble Court may direct the National Board for Wildlife (SC-NBWL) to consider the

proposal of the Applicant to allow extraction and evacuation of oil and gas from deep below the earth under the Dibru-Saikhowa National Park.

7. In view of the above, the CEC in terms of the order dated 5th October, 2015 recommends that this Hon'ble Court may consider directing the Standing Committee of the National Board for Wildlife (SC-NBWL) to consider on merits the Applicants present proposal for extraction and evacuation of petroleum and natural gas from deep below the earth under Dibru - Saikhowa National Park by using HDDDT and ERD technology as this technology will in no way adversely impact the flora and fauna in and around the said National park.

This Hon'ble Court may please consider the above report and may please pass appropriate orders in the matter.


(P.V. Jayakrishnan)
Chairman

Dated: 6th May, 2016

Supreme Court's Approval for OIL's ERD Project vide Order dtd 07.09.2017

ITEM NO.6

COURT NO.4

SECTION PIL-W

S U P R E M E C O U R T O F I N D I A
R E C O R D O F P R O C E E D I N G S

INTERLOCUTORY APPLICATION NO. 3934 IN Writ Petition(s) (Civil)
No(s). 202/1995

IN RE : T.N. GODAVARMAN THIRUMULPAD Petitioner(s)

VERSUS

UNION OF INDIA & ORS. Respondent(s)

(FOR MODIFICATION OF COURT'S ORDER DATED 05.10.2015)

Date : 07-09-2017 This application was called on for hearing
today.

CORAM : HON'BLE MR. JUSTICE MADAN B. LOKUR
HON'BLE MR. JUSTICE DEEPAK GUPTA

For Petitioner(s) Mr. Harish N. Salve, Sr. Adv. [A.C.] [NP]
Mr. A.D.N. Rao, Advocate [A.C.]
Mr. Siddhartha Chowdhury, Advocate [A.C.] [NP]
Ms. Aparajita Singh, Advocate [A.C.] [NP]

For Respondent(s) Mr. Ranjit Kumar, SG
Mr. S. Wasim A. Qadri, Adv.
Mr. Saeed Qadri, Adv.
Mr. Ayush Aggarwal, Adv.
Mr. Navnit Kumar, Adv.

Ms. Pinky Anand, ASG
Ms. Gargi Khanna, Adv.
Mr. Ravindara Bana, Adv.
Ms. Snidha Mishra, Adv.
Mr. Raj Bahadur, Adv.
Mr. G.S. Makker, Adv.

Mr. Haris Beeran, Adv.

M/S Corporate Law Group

Mr. Shuvodeep Roy, Adv.
Mr. Sayooj Mohandas, Adv.
Mr. Rohit K. Mahonta, Adv.

UPON hearing the counsel the Court made the following

O R D E R

We have been taken through the Minutes of 44th Meeting of the Standing Committee of National Board for Wildlife held on 29.07.2017 and letter dated 09.08.2017 of the Government of India, Ministry of Environment, Forest and Climate Change (Wildlife Division) regarding the proposal given by the Oil India Limited to extract hydrocarbon beneath 3900-4000 meters of Dibru Saikhowa National Park. The proposal has been accepted subject to certain conditions which are indicated in Agenda Item 42.3.2 of the said Minutes.

In view of the above, the application is allowed. However, we make it clear that the Oil India Limited will also be bound by the undertaking dated 25.07.2017 as mentioned in the letter of Dr. R. Dasgupta, Executive Director (Corporate Affairs) for Chairman and Managing Director:

- i) OIL will carry out Bio-diversity Impact Assessment study through Assam State Biodiversity Board, for which budgetary offer have already been obtained on 12th May, 2017.
- ii) OIL will carry out subsidence study followed with taking mitigation measures, in order to ensure that there is no impact in the forest surface above the reservoir at height 3,900 to 4,000 mtr, due to extraction of hydrocarbon from the reservoirs.
- iii) All mitigation measures will be in place in case of any eventuality causing Oil Spillage inside the Park area such as - Install Blow Out Preventer at well head and provide necessary valves in the Production installations located outside the Park area. Standard Operating Procedure (SOP), approved by the competent authority, pertaining to Oil Spillage, will be strictly adhered to.
- iv) Undertake schedule test and inspection of the area periodically in order to asses any abnormality in the surface area above the reservoir inside the Park.

v) OIL will also ensure strict compliance of the conditions stipulated in EIA Notification, 2006 for both inside the Park areas as well as ESZ area of it.

(MEENAKSHI KOHLI)
COURT MASTER (SH)

(SUMAN JAIN)
COURT MASTER

C) **Chronology of approval of OIL's ERD Project by SC-NBWL and then by Supreme Court**

Supreme Court passed **Six orders to SC-NBWL/MoEF&CC** including **imposing a fine of Rs 25,000/- to MoEF&CC** prior to its Final Judgement dtd 07.09.2017 against OIL's ERD Project in IAs 3934 of 2016 and IA 3788 of 2014 are as follows:

- **Supreme Court's order dtd 10.05.2016:** Directed SC-NBWL for consideration of **OIL's ERD Project for due approval or submit a report to the Court, if found the proposal is not worth for acceptance/approval**
- **Supreme Court's orders dtd 03.03.2017 and 13.04.2017:** Directed SC-NBWL to furnish Report **within 4 weeks time** against OIL's ERD project in reference to its earlier order dtd 10.05.2016
- **Supreme Court's order dtd 09.05.2017:** **Imposed a fine of Rs 25,000/-** to MoEF&CC, since no report was forwarded by MoEF&CC to the Apex court against its previous Three orders
- OIL's ERD proposal was listed for first time for hearing in the 42nd meeting of SC-NBWL held on 15.05.2017 and Chief Wildlife Warden (CWLW), Assam was directed to send his report latest by 31.05.2017- CWLW vide his report dtd 24.05.2017 negated the OIL's proposal which MoEF&CC submitted to Supreme Court through affidavit on 06.07.2017 and OIL submitted reply affidavit to Supreme Court on 12.07.2017
- **Supreme Court's order dtd 17.07.2017:** Directed Member Secretary, SC-NBWL to resolve the OIL's ERD Proposal issue once for all **by convening a meeting on 24th July,2017 at 11:00 hrs** by inviting OIL, Commissioner & Secretary (Env & Forests), Govt of Assam and Chief Wildlife Warden, Assam
- **Member Secretary, SC-NBWL accordingly convened a meeting on 24.07.2017** under Chairmanship of DGF&SS, MoEF&CC which along with OIL **was attended by Addl Chief Secretary, GoA, Chief Wildlife Warden, Assam** and it was directed to CWLW to send its revised report at the earliest so that OIL's proposal can be listed/approved in SC-NBWL meeting scheduled on 29.07.2017
- Chief Wildlife Warden, Assam **recommended OIL's ERD Proposal** on 26.07.2017, which was submitted by MoEF&CC to Supreme Court on 27.07.2017 intimating that same will be taken up on 29.07.2017
- **Supreme Court's order dtd 28.07.2017:** Directed SC-NBWL to decide on the ERD proposal of OIL in its scheduled meeting on 29.07.2017 and **intimate the Court its decision** before next hearing scheduled on 14.08.2017
- **SC-NBWL approved OIL's ERD project in its 44th meeting held on 29.07.2017 in conformity to Supreme Court's order dtd 05.10.2015 and in compliance to Supreme Court's directive vide order dtd 28.07.2017**
- **Supreme Court vide its order dtd 07.09.2017** approved the OIL's ERD project based on CEC's Report dtd 09.05.2016 (recommended non-applicability of "Goa Foundation Case Judgement") and approval of the same by SC-NBWL in its 44th meeting held on 29.07.2017

In spite of going through above approval process - FC proposal for OIL's ERD Project applied on 04.09.2017 has been rejected by FAC on 04.07.2024

Rejection of OIL's ERD Project is a Loss to Nation:

7 ERD wells proposed by OIL was to produce 700 KL Crude Oil per day which in turn intended to save about Rs. 450 crores of foreign currency per annum towards import of crude oil and approx. Rs 225 crores per annum likely to contribute to the State and Central exchequer in the form of taxes etc

D) **Other Legal Perspectives** :Extraction of Natural Gas / Oil Can not be considered as 'Mining' in terms of Hon'ble Supreme Court order dated 04.08.2006 in IA 1000 in WP (C) No. 202/1995

- **Legal Opinions also given earlier by SGI (14th May, 2021) , Addl SGI (22nd June, 2017) and Advocate General of Tripura (6th May, 2019) - Extraction of Natural Gas / Oil Can not be considered as 'Mining' in terms of Hon'ble Supreme Court order dated 04.08.2006 in IA 1000 in WP (C) No. 202/1995**
- **Supreme Court vide its order dtd 05.10.2015** Empowered Standing Committee of National Board for Wildlife (SC-NBWL) to approve Projects inside the PAs **in Conformity to "Goa Foundation Case Judgement"** and its other orders dtd 14.02.2000, 16.12.2002, 13.11.2000, 9.5.2002, 25.11.2005 and 14.09.2007 etc- **It clarified that Decision of SC-NBWL is binding for all and only CEC can challenge SC-NBWL's decision by flinging appropriate application before the Supreme Court**

Hence Project approved by SC-NBWL in conformity to "Goa Foundation Case in compliance to Supreme Court's order dtd 05.10.2015 can't be rejected without further referring the matter to Supreme Court through CEC

- **In conformity to Supreme Court's order dtd 05.10.2015, SC-NBWL approved following O&G E&P projects:**
 - i) Projects within 1 Km from the boundary of the PA in Assam was approved by SC-NBWL in the 43rd meeting (27.06.2017), which previously was rejected in the SC-NBWL's 42nd meeting (15.05.2017), considering 'Mining' and applicability of Goa Foundation case
 - ii) OIL's ERD Project deep beneath the forest surface of PA in Assam was approved in SC-NBWL's 44th meeting (29.07.2017) as per chronology appraised above
 - iii) **Seven Projects** inside PA in Tripura was provisionally approved first in SC-NBWL's 52nd meeting (10.01.2019) was given final approval in SC-NBWL's 65th meeting (24.09.2021) after obtaining due legal opinions on 'Mining' or not from SGI and Advocate General of Tripura
 - iv) Approved **two project** Inside PA in Tripura in SC-NBWL's 71st meeting (29.12.2022) in respect to approval of above projects

SC-NBWL approved these **Four projects** after due confirmation that, O&G E&P activities can not be considered as 'Mining' in terms of Hon'ble Supreme Court order dated 04.08.2006 in IA 1000 in WP (C) No. 202/1995 and thus 'Goa Foundation Case' judgement dtd 21.04.2014 is not applicable for O&G E&P activities- As on date, except Project no (i) referred above, rest three are stands as 'Rejected'

E) **Request to MoEF&CC for Reconsideration of FC Proposals rejected for following Three cases which were approved by SC-NBWL in conformity to “Goa Foundation Case Judgement” and in conformity to Supreme Court’s order dtd 05.10.2015**

- 1) **Rejected in 2024:** ERD FC Proposal of OIL to drill 7 wells beneath Dibru-saikhowa NP Assam, approved by SC-NBWL in its 44th meeting on 29.07.2017 and Supreme Court also accorded its approval for it vide order dtd 07.09.2017- FAC rejected the proposal in the meeting held on 4th July, 2024 (FP/AS/MIN/28749/2017)
 - 2) **Rejected in 2023:** 2 FC proposals of ONGC for drilling locations TIDG & TIDC inside Trishna WLS, Tripura, approved by SC-NBWL in its 71st meeting held on 29.12.2022 returned to State vide RO’s letter dtd 30.08.2023 (FP/TR/MIN/13523/2015 and FP/TR/MIN/13520/2015)
 - 3) **Rejected in 2022:** 4 FC proposals of ONGC for drilling locations TIAC, TIDF, TIDE & TIDA inside Trishna WLS, Tripura, approved by SC-NBWL in its 65th meeting held on 24.09.2021 returned to State vide RO’s letter dtd 11.11.2022 (FP/TR/MIN/13529/2015, FP/TR/MIN/13527/2015 , FP/TR/MIN/13525/2015 and FP/TR/MIN/13524/2015)
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F) **Extraction of O&G E&P activities are equated at par with Coal, Iron and other Mining activities under purview of Forest Regulations, where Coal, Iron and other Mining activities are governed under MMDR Act, 1957, which doesn’t include ‘Mineral Oil (Oil & Gas)’**

- **“Mining” related all OM /Guidelines** framed by the Ministry under purview of the **‘Forest Regulations’ are Exclusively specific to MMDR Act, 1957 only** and Extraction of O&G E&P activities are equated at par with Coal, Iron and other Mining activities performed under purview of MMDR ACT, 1957
- Supreme Court’s order dtd 08.08.2014 in conjunction with CEC’s report dtd 25.02.2014 against IA-3627 of 2013, well clarified in Para 6(vi) and Para (8) of CEC’s Report that- Oil & Gas E&P activities Grossly Differ Materially from the “Mining of Minerals” under provision of the MMDR Act, 1957- It also spelt clearly that, Guidelines issued by MoEF&CC from time to time regarding payment of the NPV etc in respect to Mining Leases granted under the MMDR Act, 1957 only and no such guidelines have so far been issued for Oil PML blocks granted under purview of Petroleum and Natural Gas Rules, 1959
- Forest Advisory Committee also Realized in its meetings held on 23.04.2019 and 31.07.2019 that, Equating O&G E&P Activities with Coal, Iron and other Mining activities is not Justified:
 - The guidelines related to Exploration and Developmental activities in the forest areas for hydrocarbon sector had been deliberated many times in MoEF&CC but still there are certain issues related to Hydrocarbon sector which needs to be resolved for which MoEF&CC is receiving repeated requests from stakeholders of Hydrocarbon sectors for appropriate

modifications in the existing guidelines of MoEF&CC – Quotes from MoM

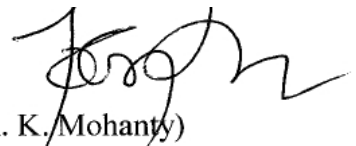
- Exploration activities in hydrocarbon sector is equated with the Exploration activities in Coal and Iron sector for the purpose of Diversion of forest land under the provisions of FCA 1980 -This has apparently created many difficulties in obtaining FC approvals– Quotes from MoM
- Prospecting (including Seismic Surveys) and Exploration activities in Hydrocarbon Sector cannot be Regulated as per general guidelines meant for Mining of other Minerals under MMDR Act, 1957 – Quotes from MoM

Abstract from Minutes FAC Meeting Held on 23.04.2019

4. FAC discussed the recommendation of the committee and observed that the guidelines related to prospecting and exploration had been deliberated many times in MoEF&CC but still there are ceratin issues related to Hydrocarbon sector which needs to be resolved. This includes NPV imposed in seismic surveys, exploration in hydrocarbon is equated with exploration in coal and iron sector for the purpose of diversion of forest land under the provisions of FCA 1980 etc. This has apparently created many difficulties in obtaining approvals.

absent

(S. D. Vora)
Member



(A. K. Mohanty)
Inspector General of Forests (FC)

absent

(Dr Sanjay Deshmukh)
Member

absent

(Sh Anmol Kumar)
Member

absent

(Saibal Dasgupta)
Addl. Director General of Forests (FC)

Additional Commissioner (Soil Conservation)
Ministry of Agriculture (Member)

Sda

(Siddhanta Das)
Director General of Forests & Special Secretary

डॉ. एम.एम. कुट्टी
सचिव
Dr. M. M. Kuttty
Secretary



भारत सरकार
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Ministry of Petroleum and Natural Gas
Shastri Bhawan, New Delhi - 110 001
Tel. : 011-23383501, 011-23383562
Fax : 011-23070723
E-mail : sec.png@nic.in

Dear Sir,

D.O. O-23012(12)3/2019-ONG.I
January 9th, 2020

Please refer your D.O. letter No.FC-11-71-2019-FC dated 27.06.2019 informing setting up a Committee under Chairmanship of Additional Director General of Forests to streamline the guidelines for prospecting & exploration of Oil and Gas in forest areas.

2. The said Committee in its meeting held on 18.06.2019 had decided that "Ministry of Petroleum and Natural Gas may seek legal advice of Ministry of Law & Justice as to whether survey, exploration and extraction of oil and natural gas is to be treated as mining activity or not. The advice may be conveyed to MoEF&CC for further action".

3. The matter was referred to Department of Legal Affairs, which after detailed deliberation has opined that "the specific requirement for certain specific activities, framing of separate guidelines is purely an administrative policy matter/decision and not a legal issue. Hence it is for the administrative Ministry to take up the matter with MoEF&CC. However, if in the course of framing guidelines any legal issue arises the same may be formulated and referred to this Department for advise".

4. You will appreciate that mining of **minerals** (other than mineral oils) and **mineral oils** have distinct Constitutional, legislative and operational framework. Exploration and production activities in respect of **mineral oils** are governed under Oilfields (Regulation and Development) Act, 1948 whereas the mining of **minerals** (other than mineral oil) is governed by Mines & Minerals (Development and Regulation) Act, 1957.

5. In view of the above position and also considering the advice of Department of Legal Affairs, I request you to formulate separate guidelines in respect of environment / forest / wildlife clearances for oil and gas sector.

With regards

Yours sincerely

[Dr. M M Kuttty]

Shri C.K. Mishra
Secretary,
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh, Lodhi Colony,
New Delhi.

After obtaining legal opinion from Dept of Legal Affairs Secretary, MoPNG vide above DO letter dtd 9th January, 2020 requested Secretary, MoEF&CC

-To frame different Forest Regulations for O&G Upstream sector instead of treating it at par with the 'Mining Operations' carried out under MMDR Act, 1957, viz Coal, Iron, Manganese etc -**Ministry vide OM dtd 03.11.2022 introduced "Mining of Mineral Oil"** a separate category in PARIVESH Portal for submission of FC applications for O&G E&P projects- But O&G E&P projects are still treated under FC Regulations at par with the coal, Iron, Manganese mining activities administrated under MMDR Act, 1957

Introduction of "Mining of Mineral Oil" a separate category in PARIVESH Portal vide OM dtd 03.11.2022

Government of India
Ministry of Environment, Forest & Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Aliganj, Jor Bag Road,
New Delhi - 110003.

Dated: 3rd November, 2022

To

The Director General
Directorate General of Hydrocarbon,
Ministry of Petroleum & natural Gas,
Government of India,
OIDB Bhawan, Tower-A, Plot NO. 2,
Sector-73, Noida (Uttar Pradesh)

Sub: Request from Ministry of Petroleum and Natural Gas, GoI to introduce a separate category in the PARIVESH portal for Hydrocarbons projects –reg.

Sir,

I am directed to refer to your DO No. DG/DGH/02/2022 dated 19.10.2022 on the above subject requesting to create a separate category 'Mining of Mineral Oils' in Parivesh for proposals pertaining to the exploration of hydrocarbons. In this connection, it is to inform that matter, 'whether exploration of hydrocarbon is mining or not', is still under consideration in the Ministry. It is further to inform that request dated 19.10.2022 to create a separate category for hydrocarbon project was examined in the Ministry and it has been decided that Ministry would create a separate category "Mining of Mineral Oils" in PARIVESH 2.0 for proposals pertaining to hydrocarbon sector.

It is also to clarify that creation of separate category for the hydrocarbon projects shall not entail any procedural relaxation to these projects. This separate procedure is just to facilitate separate accounting and analysis of hydrocarbon mining projects. Procedures, as envisaged in the Forest (Conservation) Act, 1980, Rules and Guidelines framed thereunder, as applicable to conventional mining proposals will continue to remain applicable to the proposals pertaining to Hydrocarbon sector.

Yours faithfully

Sd/-

Signed by Charan Jeet
Singh

(Charan Jeet Singh)

Date: 03-11-2022 15:43:54

Scientist 'D'

Reason: Approved

Copy to:

1. Sr. PPS to DGF&SS/PPS to Addl. DGF(FC)
2. Director (Technical) NIC, with a request to create a separate category 'Mining of Mineral Oils' for hydrocarbon projects in PARIVESH 2.0
3. Monitoring Cell of FC Division, MoEF&CC, New Delhi
4. Guard file

In above backdrop, we request Ministry for Consideration of followings:

- 1) MoEF&CC may consider to make separate provisions and guidelines for granting Forest Clearance to Oil & Gas E&P projects, as requested by the Secretary, MoPNG vide hid DO letter dtd 09.01.2020 to the Secretary, MoEF&CC after obtaining due opinion from Department of Legal Affairs- Instead of Equating Oil & Gas E&P activities at par with Coal and other Mining activities performed under purview of First Schedule of MMDR Act, 1957

Note:

- i) With implementation of Oilfields (Regulation and Development) Amendment Act, 2024 (already passed in Rajya Sabha on 03.12.2024), O&G E&P Activities no more by default also can be considered as 'Mining' like coal, iron etc
 - ii) Framing of separate FC Regulations for O&G E&P activities may be considered in line with the Oil Mines Regulation, 1984 (amended in 2017) formulated under Mines Act, 1952 to monitor Safety and Labor Welfares related issues associated with O&G E&P Activities -Similar modalities may be thought of under purview of Van (Sanrakshan Evam Samvardhan) Adhinyam, 1980
- 2) To consider for amendment of OM dtd 12.09.2023 on 'FC Exemption for ERD Projects' and FC may be exempted for O&G ERD Projects beneath Forest Surfaces of PAs / ESZ areas of PAs / Sensitive Corridors and Other Wildlife Sensitive areas in line with exemption permitted for RFs vide OM dtd 12.09.2023
 - 3) Reconsideration for approving following FC Proposals approved by SC-NBWL and Rejected by FC Division/FAC:
 - i) **Rejected in 2024:** ERD FC Proposal of OIL to drill 7 wells beneath Dibru-Saikhowa NP Assam, approved by SC-NBWL in its 44th meeting on 29.07.2017 and Supreme Court also accorded its approval for it vide order dtd 07.09.2017- FAC rejected the proposal in the meeting held on 4th July, 2024 (**FP/AS/MIN/28749/2017**)
 - ii) **Rejected in 2023:** 2 FC proposals of ONGC for drilling locations TIDG & TIDC inside Trishna WLS, Tripura, approved by SC-NBWL in its 71st meeting held on 29.12.2022 returned to State vide RO's letter dtd 30.08.2023 (**FP/TR/MIN/13523/2015 and FP/TR/MIN/13520/2015**)
 - iii) **Rejected in 2022:** 4 FC proposals of ONGC for drilling locations TIAC, TIDF, TIDE & TIDA inside Trishna WLS, Tripura, approved by SC-NBWL in its 65th meeting held on 24.09.2021 returned to State vide RO's letter dtd 11.11.2022 (**FP/TR/MIN/13529/2015, FP/TR/MIN/13527/2015 , FP/TR/MIN/13525/2015 and FP/TR/MIN/13524/2015**)

Forest Clearance Approval Patterns in NE States of Arunachal Pradesh, Assam and Tripura

**Prior to Enactment of Van (Sanrakshan Evam Samvardhan) Rules,
2023 wef 01.12.2023**

Annex- A

Arunachal Pradesh- Pattern of Forest Clearances for O&G E&P projects in the State

Sl	Year/Date of Application	FC Proposal No & Operator	Stage-I and Final FC Approval Details	Time Taken for FC Approval/ Remarks	Details of Proposal
1	2014 (27.05.2014)	FP/AR/MIN/ 44736/2014 (GeoEnpro Petroleum Ltd)	IPA on : 14.02.2023 Final FC on: 15.03.2024	9 yrs 10 months taken to grant Final FC (IPA: 8 yrs 9 months + Final FC: 1 yr 1 month)	FC for diversion of 83.412 ha forest lands in Kharsang PML block for drilling of 40 dev and 5 Expl wells from 27 well pads (original area of 94.712 Ha reduced to 83.412 ha by dropping three well pads from 27 pads: NL-04, NL- 08 and NL-23 since block is overlapping with Namchik-Namphuk Coal Block)
2	2013 (05.09.2013)	FP/AR/MIN/ 43217/2013 (OIL)	IPA on : 26.11.2020 Final FC on: 30.03.2022	8 yrs 6 months time taken to grant Final FC (IPA: 7 yrs 2 months + Final FC: 1 yr 4 months)	FC for Diversion of 32.836 Ha Ha forestland in Ningru PML for Drilling location NMA
3	2015 (29.07.2015)	FP/AR/MIN/ 14231/2015 (OIL)	Initial FC under section 2(1)(iii): 16.02.2020 Final FC under 2(1)(iii): 27.05.2024	8 yrs 10 months time taken To accord FC for Granting a PML	FC for grant of 58.3585 sq Km Ningru Extn PML to OIL by GoAP against the block allotted by GoI on 30.06.2003
4	2018	FP/AR/MIN/ 35810/2018 (HOECL)	FC under section 2(iii): 07.08.2019 (Final FC Pending)	Final FC for the purpose of granting PML not received in 6 years	FC for grant of AA/ONDSF/Kherem/2016 PML to HOECL by GoAP – Operator finally relinquished the block
5	2018 (15.11.2018)	FP/AR/MIN/ 37058/2018 (OIL)	IPA on : 13.10.2020 Final FC on: 25.02.2021	Possession not obtained in 3 yrs even after grant of Final FC due to Illegal encroachments	FC for Diversion of 7.111 Ha forestland in Ningru PML for locations KUP & KUL
6	2016 (18.07.2016)	FP/AR/MIN/ 23213/2016 (OIL)	IPA on 31.08.2020 (Final FC Pending)	4 yrs in getting Stage-I FC (Final FC Due)	FC for Diversion of 3.60 Ha forestland in Deomali PEL for location DML-3/1_ – Operator finally relinquished the block

7	2020 (21.12.2020)	FP/AR/MIN/ 65716/2020 (OIL)	IPA on: 20.01.2024 (Final FC Pending)	3 yrs 1 month time taken for granting IPA (Final FC Pending)	Revival of FC for 8 locations involving diversion of 29.32 Ha forestlands in Ningru PML, which was granted in 1992 and then revoked by MoEF&CC in 2001
8	2018 (01.11.2018)	FP/AR/MIN/ 36885/2018 (OIL)	IPA on: 08.01.2024 Final FC on:30.10.2024	5 yrs 2 months time taken for granting IPA and another 10 months for Final FC	Regularization of FC for 13 drilling locations involving 34.508 Ha forestlands accounted as violation of FCA, 1980 while according FC from Central Govt for the purpose of granting PML by State Govt
9	2019 (24.04.2019)	FP/AR/MIN/ 39891/2019 (GeoEnpro Petroleum Ltd)	Violation of FCA, 1980 accounted while according Central Govt's vide letter dtd 27.09.2017 For FC under section 2(iii) of FCA, 1980 for the purpose of granting PML by the State Govt, since no such approval was taken from Central Govt While Executing the Kharsang PML Deed for first time more than Two decades back in 1997, with effectivity of the PML from 1995	More than 5 yrs lapsed (IPA Awaited for Regularization of FCA Violation Proposal even after settlement of Panel CA, Panel NPV etc in 2018-19)	Regularization of FC for 30 drilling locations involving 31.79 Ha forestlands in Kharsang field accounted as violation of FCA, 1980 while according FC from Central Govt under 2(iii) on 27.09.2017 for the purpose of granting PML by State Govt- Panel CA Rs 2.36 cr , Panel NPV Rs 10.21 cr for each year since 1995 and 5 times lease transfer charges of Rs 5 Lakh deposited against demand letter dtd 06.09.2018 from State Govt in pursuant to Central Govt's approval dtd 27.09.2017 <ul style="list-style-type: none"> ▪ Chief Secretary, GoAP vide letter dtd 12.04.2023 requested Secretary, MoEF&CC, for regularisation of the FC proposal at the earliest, which is awaited since 2019 ▪ O/o PCCF(C) & HoFF, GoAP vide letter dtd. 20.09.2024 requested DGF & SS, MoEF&CC to modify the condition-(v) stipulated in Central Govt's FC approval letter dtd 27.09.2017 in regard taking action against the erring officials associated with execution of the Kharsang PML deed more than two decades back in 1997 with effectivity of the PML from 1995 w' out obtaining FC under 2(iii) from Central Govt -Request has been made to eliminate the said condition as a pre-requisite for grant of FC approval under section.2(ii) and allow operationalization of the field, in larger national interest

10	2020 (10.11.2020)	FP/AR/ Pipeline/ 54968/2020 (OIL)	IPA on : 18.08.2022 Working Permission on :09.01.2023 Final FC : 09.02.2023	Final FC within 2 yrs 3 months (Linear Pipeline Project)	FC for Diversion of 12.05 Ha forestlands for construction of Kumchai-Kusijan Pipeline in the State of Arunachal Pradesh
11	2023 (07.06.2023)	FP/AR/MINOIL/ 431651/2023	Stage-I FC not Approved Yet	IPA awaited (1 year +)	FC for Diversion of 3.33 Ha. of Forest land for drilling at Location KHAR in Ningru PML * B2 EC granted on 24.06.2024
12	2023 (21.11.2023)	FP/AR/MINOIL/ 451999/2023	Stage-I FC not Approved Yet	IPA awaited (1 year +)	FC for Diversion of 4.88 Ha Forest land for drilling at Location OCKA in Lohit RF in Namsai District under OALP Block AA-ONHP-2017/13

Annex-B

Assam - Pattern of Forest Clearances for O&G E&P projects in the State

Sl	Year of Application	FC Proposal No & Operator	Stage-I and Final FC Approval Dates	Time Taken for FC Approval/ Remarks	Details of FC Proposal for Forestland Diversion
1	2012 & 2016 (26.12.2016) (Initial Offline application of 2012)	FP/AS/MIN/ 23241/2016 (OIL)	IPA on : 28.07.2023 (Final FC Due)	Almost 7 yrs taken to grant IPA (Final FC Due)	FC for Locations DGR in Doomdooma PML for diversion of 3.411 ha forestlands
2	2016 (02.12.2016)	FP/AS/Others/ 20093/2016 (ONGC)	IPA on : 18.07.2023 (Final FC Due)	IPA in 6 yrs 7 months (Final FC Due)	FC for Laying of oil flow line from well no NRAA to Nambar GGS in Nambar area under Golaghat Division involving 1.43 ha forestland diversion
3	2012 & 2016 (Initial Offline application of 2012)	FP/AS/MIN/ 23089/2016 (OIL)	IPA on : 07.07.2021 Final FC on: 18.08.2022	6 yrs 1 month time to get Final FC (IPA: 5 years + Final FC: *1 year 1 month)	FC for Location MKD in Mechaki PML for diversion of 3.545 ha forestlands
4	2012 & 2016 (Initial Offline application of 2012)	FP/AS/MIN/ 23331/2016 (OIL)	IPA on : 07.07.2021 Final FC on: 19.07.2022	6 yrs time to get Final FC (IPA: 5 years + Final FC: *1 year)	FC for Location MKE in Mechaki PML for diversion of 2.253 ha forestlands
5	2016 (23.11.2016)	FP/AS/Others/ 20207/2016 (ONGC)	Stage-I FC Awaited (FCA,1980 violation pointed out by IRO, Guwahati -Executed with IPA and not taken Final FC)	More than 8 yrs already lapsed (RO raised EDS on 11.03.2024)	FC for Laying of Oil Flow Line from KSAG to KSAB in Doyang RF under Golghat Forst Division involving 1.44 ha forestland diversion
6	2016 (30.07.2016)	FP/AS/MIN/ 20304/2016 (ONGC)	IPA on : 19.02.2018 (FCA,1980 violation pointed out by IRO, Guwahati -Executed with IPA and not taken Final FC)	Final FC awaited (Last EDS 30.06.2022)	FC for Location: URAA in Golaghat District PEL for diversion of 1.918 ha forestlands
7	2016 (26.12.2016)	FP/AS/MIN/ 20315/2016 (ONGC)	Proposal Withdrawn by UA	After waiting for Stage-I FC for 5 yrs 10 months- The proposal withdrawn by UA on 25.10.2022	FC for Drilling location KSAE in Kalyanpur PML involving diversion of 2.09 ha forestlands

8	2016	FP/AS/Others/ 18536/2016 (ONGC)	IPA on : 27.01.2020 Final FC on: 29.04.2022	6 yrs time to get Final FC (IPA: 4 years + Final FC: 2 year)	6 Trunk pipeline replacement involving diversion of 20.72 ha forestlands in Doyang RF
9	2016 (25.08.2016)	FP/AS/Others/ 21128/2016 (ONGC)	IPA on 29.11.2021 (Corrigendum on 11.12.2021) Final FC on: 02.11.2023 (Working permission: 12.7.2022)	7 yrs time to get Final FC (IPA: 5 years + Final FC: 2 year)	FC for laying of 3 segment of Pipelines in Geleky Reserve Forest under Sivsagar Division for diversion of 4.43 ha forestlands
10	2016 (27.12.2016)	FP/AS/MIN/ 21919/2016 (ONGC)	IPA on : 03.01.2018 Final FC on: 05.04.2022	5 yrs 4 months time to get Final FC (IPA: 1 year 1 month + Final FC: * 3 years 3 months)	FC for Location KHDD In Khoraghat PML for diversion of 2.24 ha forestlands
11	2016	FP/AS/MIN/ 20313/2016 (ONGC)	IPA on :28.11.2018 Final FC on: 24.05.2022	6 yrs time to get Final FC (IPA: 2 years + Final FC: * 3 years 6 months)	FC for location KSAD in Kasamarigaon PML by diverting 1.89 ha forestlands Illegal Encroachment in forest land by 5 families was resolved on 20.11.2021 by paying compensation @ Rs 2.15 Lakh/ bigha to each family against IPA grant on 28.11.2018
12	2012 & 2017 (10.01.2017) (Initial Offline application of 2012)	FP/AS/MIN/ 23425/2017 (OIL)	IPA on :28.07.2023 (Final FC Due)	Almost 6.5 yrs taken to grant IPA (Final FC Due)	FC for Locations DHD in Doomdooma PML for diversion of 2.696 ha forestlands
13	2017 (04.09.2017)	FP/AS/MIN/ 28749/2017 (OIL)	Stage-I FC Rejected in FAC meeting held on 04.07.2024 (Doesn't involve any diversion of Forestlands or any Impact on Forest surface)	FC Proposal rejected after 7 years on 04.07.2024	FC for Drilling of 7 wells using ERD Technology from outside of the Forest Boundary of Dibru-Saikhowa National Park (DSNP) and accessing the reservoir at depth 3, 900 mtr to 4,000 mtr below the forest surface by using 0.069 ha forestland at depth 3.9 to 4 Km below the forest surface Project approved by SC-NBWL on 29.07.2017 in conformity to Supreme Court's order dtd 05.10.2015 and approved by Supreme Court vide judgement dtd 07.09.2017 endorsing that applicable ban on Mining Activities inside PA and 1 Km from boundary of PAs as per its 'Goa Foundation Case Judgement' is not applicable for the ERD Project -Was rejected in FAC meeting held on 04.07.2024 considering applicability of "Goa Foundation Case" judgment of Supreme Court dtd 21.04.2014

14	2017 (12.01.2017) Revised: 26.08.2021	FP/AS/MIN/ 22288/2016 (146383/2021) (ONGC)	Stage-I FC Awaited (Proposal revised to 2.22 ha- REC pointed out overlapping area on approach road)	More than 7 yrs already lapsed	FC for Location KHDE in Khoraghat PML for diversion of 2.28 ha forestlands (CA land to be provided in Non Forest land as per new FC Regulation)
15	2017 (Revised application dtd 26.08.2021)	FP/AS/MIN/ 146383/2021 (ONGC)	IPA on: 16.03.2023	Almost 6 yrs taken to grant IPA (Final FC Due)	FC for drilling 06 wells- from KHDH cluster in Khoraghat Ext -1 PML involving diversion of 2.569 ha forestlands
16	2017 (02.02.2017)	FP/AS/MIN/ 23925/2017 (ONGC)	IPA accorded on 29.10.2018 Revoked Subsequently on 29.04.2022	Stage-I FC granted after 1 yr 8 months on 29.10.2018- Revoked after 3 yrs 6 months on 29.04.2022	FC for Location KHDF In Khoraghat PML for diversion of 3.48 ha forestlands (Total 5 yrs 2 months time lapsed till Revoking)
17	2018 2022	FP/AS/MIN/ 31205/2018 FP/AS/MIN/ 154403/2022 (Oil Max)	IPA on: 29.08.2023 (Final FC Due)	IPA in 5 yrs (Final FC Due)	Development Drilling of 2 wells in Discovered Small Field (DSF) Block: AA/ONDSF/ Duarmara/2016 involving diversion of 9.3 ha forestland
18	2018	FP/AS/MIN/ 32798/2018 (Ramayana Ispat Pvt Ltd)	IPA on: 11.04.2023 (Final FC Due)	IPA in 5 yrs (Final FC Due)	Development Drilling of 2 wells in Discovered Small Field (DSF) Block: AA/ONDSF/Dipling /2016 involving diversion of 3.06 ha forestland
19	2018 (25.08.2018)	FP/AS/MIN/ 35379 & 37979 /2018 (ONGC)	Stage-I FC Awaited Land use change permission Granted (Use of Expl FC for Dev works- UA to comply for final Fc-2% WLM cost and EC for Dev activities)	More than 6 yrs already lapsed	FC for Location DPDA in Dayalpur PML involving diversion of 2.16 ha forestlands (Duplication with Location SUAA, which already having FC)
20	2018 (01.01.2018)	FP/AS/MIN/ 37983/2018 (ONGC)	IPA on: 20.06.2022 (Final FC Due)	IPA in 6 yrs (Final FC Due)	FC for Locations DPDM, DMDN, DPDO, DPDP, DPDQ and DPDR in Dayalpur PML involving diversion of 2.629 ha forestlands
21	2018 (01.01.2018)	FP/AS/MIN/ 37981/2018 (ONGC)	IPA on: 20.06.2022 (Final FC Due)	IPA in 6 yrs (Final FC Due)	FC for Locations DPDD, DPDH, DPDI, DPDJ, DPKK and DPDL in Dayalpur PML involving diversion of 2.73 ha forestlands

22	2018 (01.01.2018)	FP/AS/MIN/ 37979/2018 (ONGC)	IPA on: 20.06.2022 (Final FC Due)	IPA in 6 yrs (Final FC Due)	FC for Locations DPDA, DPDB, DPDC, DPDE, DPDF and DPDG in Dayalpur PML involving diversion of 2.597 ha forestlands
23	2018 (08.09.2018)	FP/AS/MIN/ 35222/2018 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Grant of IPA took almost 6 years (Final FC Awaited)	FC for Drilling location KSAI in Kasomariagaon PML (Addl) involving diversion of 2.1 ha forestlands (Proposal recommended in 20th REC meeting on 30.01.2023 required three hearings before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)
24	2018 (14.12.2018)	FP/AS/MIN/ 36318/2018 (ONGC)	IPA on :07.09.2022 Final FC on: 04.04.2024	5 yrs 4 months time taken for Final FC (IPA: 3 years 9 mth+ Final FC: 1 year 7 mth)	FC for Drilling location KSAH in Kasomariagaon PML involving diversion of 1.75 ha forestlands
25	2018 (05.12.2018)	FP/AS/MIN/ 37305/2018 (ONGC)	IPA on :07.09.2022 Final FC on: 16.10.2023	4 yrs 10 months time taken for Final FC (IPA: 3 years 9 mth+ Final FC: 1 year 1 mth)	FC for Drilling location NRAD in Nambar PML involving diversion of 1.85 ha forestlands
26	2018 (05.12.2018)	FP/AS/MIN/ 37332/2018 (ONGC)	IPA on :07.09.2022 Final FC on: 01.03.2024	5 yrs 3 months time taken for Final FC (IPA: 3 years 9 mth+ Final FC: 1 year 6 mth)	FC for Drilling location KHBD in Khoraghat Extn.-I PML involving diversion of 2.08 ha forestlands
27	2018 (27.12.2018)	FP/AS/MIN/ 37035/2018 (ONGC)	Offline permission granted by O/o PCCF & HoFF on 20.12.2022 for use of same diverted forestlands accorded previously during Exploration phase	Total 4 yrs time taken for validating FC of Exploratory phase for further developmental activities	FC for Location NRDJ in Nambar PML involving diversion of 1.99 ha forestlands
28	2018 (15.09.2018)	FP/AS/MIN/ 35969/2018 (ONGC)		Total 4 yrs 3 moths time taken for validating FC of Exploratory phase for further developmental activities	FC for Locations KSDA and KSDD in Kasomariagaon PML involving diversion of 2.55 ha forestlands
29	2018 (15.09.2018)	FP/AS/MIN/35965/2018 (ONGC)			FC for Locations KSDB and KSDC in Kasomariagaon PML involving diversion of 1.80 ha forestlands

30	2018 & 2021 (Revised proposal submitted in January 2021 against original application of 2018)	FP/AS/Pipeline/ 119243/2021 (OIL & HOECL)	IPA on :30.03.2022 (Final FC Due- 4 yrs)	Working permission obtained on 28.6.2022 Final FC awaited	Laying of OIL's 8" crude oil & HOEC's 18" gas Pipeline from Duliajan to Digboi involving diversion of 13.43 ha forestlands
31	2019	FP/AS/Others/ 38082/2019 (ONGC)	IPA on : 07.07.2021 Final FC on: 29.08.2023	4 yrs time taken for Final FC (IPA: 2 years + Final FC: 2 years)	FC for construction of Kasomariagaon EPS in Doyang RF by diverting 3.63 ha forestlands Illegal Encroachment in forest land by 14 families was resolved after 4 yrs on 07.01.2023 by paying compensation @Rs 3 Lakh/ bigha to each family
32	2020 (22.07.2020)	FP/AS/MIN/ 46794/2020 (ONGC)	Stage-I FC Awaited	More than 4 yrs already lapsed	FC for Drilling location LGM involving diversion of 7.2 ha forestlands in Langai Reserved forest (Non Forest land to be provided for CA purposes as per new Regulations)
33	2020 (22.07.2020)	FP/AS/MIN/ 47775/2020 (ONGC)	IPA on :09.08.2024	IPA in 4 yrs (Final FC Due)	FC for Drilling location TNAA in Cachar District PML involving diversion of 6.09 ha forestlands (Non Forest land to be provided for CA purposes as per new Regulations)
34	2020 (30.12.2020)	FP/AS/MIN/ 113884/2020 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Almost 4 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location TLAB in Kasomariagaon PML involving diversion of 1.781 ha forestlands (Proposal recommended in 24th REC meeting on 29.05.2023 required three hearings before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)
35	2020 (30.12.2020)	FP/AS/MIN/ 113896/2020 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Almost 4 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location DPAB in Kasomariagaon PML (Addl. Area) involving diversion of 1.889 ha forestlands (Proposal recommended in 17th REC meeting on 27.10.2022 required three hearing before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)
36	2020 (30.03.2020)	FP/AS/MIN/ 87902/2020 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Almost 4 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location SPAA in Kasomariagaon PML involving diversion of 1.731 ha forestlands (Proposal recommended in 24th REC meeting on 29.05.2023 required three hearing before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)

37	2020 (14.02.2020)	FP/AS/MIN/ 44361/2020 (Vedanta Ltd)	IPA on : 07.07.2023 Final FC on: 20.06.2024	4 yrs 4 mths time taken for Final FC (IPA: 3 years 5 mths+ Final FC: 11 months)	FC for Drilling Well Pad 29 (Khehuto) in AA-ONHP-2017/1 block involving diversion of 4.125 ha forestlands
38	2020 (14.02.2020)	FP/AS/MIN/ 44360/2020 (Vedanta Ltd)	IPA on : 27.10.2022 Final FC on: 20.06.2024	4 yrs 4 mths time taken for Final FC (IPA: 2 years 8 mths+ Final FC: 1 yr 8 mths)	FC for Drilling Well Pad 28 (Khehuto) in AA-ONHP-2017/1 block involving diversion of 2.43 ha forestlands
39	2020 (03.08.2020)	FP/AS/MIN/ 47130/2020 (ONGC)	IPA on : 07.09.2022 Final FC on: 12.04.2024	3 yrs 8 mths time taken for Final FC (IPA: 2 years 1 mths+ Final FC: 1 yr 7 mths)	FC for Drilling location KSAJ in Kasomargaon PML involving diversion of 1.751 ha forestlands
40	2020 (03.08.2020)	FP/AS/MIN/ 47129/2020 (ONGC)	IPA on : 27.10.2022 Final FC on: 16.10.2023	3 yrs 2 mths time taken for Final FC (IPA: 2 years 2 mths+ Final FC: 1 yr)	FC for Drilling location KSAK in Kasomargaon PML involving diversion of 1.717 ha forestlands
41	2020	FP/AS/MIN/ 113899/2020 (ONGC)	IPA on : 30.03.2022 Final FC on: 16.10.2023	3 yrs time taken for Final FC (IPA: 2 years + Final FC: 1 yr)	FC for Drilling location ELAI in East Lakhbari Extn PML involving diversion of 1.771 ha forestlands
42	2020 (10.11.2020)	FP/AS/ Pipeline / 55045/2020 (OIL)	IPA on : 30.03.2022 (Final FC Due)	Working permission obtained on 28.6.2022 Final FC awaited	FC for Diversion of 27.43 ha forestlands for construction of Kunchai-Kusujan Pipeline in the State of Assam
43	2020 (23.10.2020)	FP/AS/MIN/ 51724/2020 (OIL)	IPA on : 07.07.2023 Final FC on: 30.01.2024	Final FC in more than 3 yrs time (IPA in : 2 yr 9 month + Final FC in 6 months)	Forest diversion proposal for oil & gas well drilling at Loc. KA-2 located in Dhansiri Reserve Forest in NELP Block AA-ONN-2010/2 in Karbi Anglong District, Karbi Anglong Autonomous Council of Assam

44	2021 (26.08.2021)	FP/AS/MIN/ 146335/2021 (ONGC)	IPA on : 16.03.2023 (Final FC Due)	IPA in 2 yrs (Final FC Due)	FC for drilling 06 wells from KHDO Cluster in Khoraghat Ext -1 PML involving diversion of 2.686 ha forestlands
45	2021 (30.08.2021)	FP/AS/MIN/ 146426/2021 (ONGC)	IPA on : 16.03.2023 (Final FC Due)	IPA in 2 yrs (Final FC Due)	FC for drilling 06 wells from KHDI cluster in Khoraghat Ext -1 PML involving diversion of 2.583 ha forestlands
46	2021 (03.09.2021)	FP/AS/MIN/ 146633/2021 (ONGC)	IPA on : 16.03.2023 (Final FC Due)	IPA in 2 yrs (Final FC Due)	FC for drilling 06 wells- KSDE, KSDI, KSDJ, KSDK, KSDL and KSDM in Kasomariagaon PML involving diversion of 2.282 ha forestlands
47	2021 (02.09.2021)	FP/AS/MIN/ 146691/2021 (ONGC)	IPA on : 16.03.2023 (Final FC Due)	IPA in 2 yrs (Final FC Due)	FC for drilling 06 wells- DPDU, DPDV, DPDX, DPDY and DPDZ in Kasomariagaon PML involving diversion of 2.75 ha forestlands
48	2021 (07.04.2021)	FP/AS/MIN/ 140252/2021 (ONGC)	IPA on : 07.07.2023 (Final FC Due)	IPA in 2 yrs (Final FC Due)	FC for Drilling location NRAH in Nambur PML involving diversion of 1.7888 ha forestlands
49	2021 (16.04.2021)	FP/AS/MIN/ 140108/2021 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Almost 3.5 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location TLAA in Kasomariagaon PML involving diversion of 1.76783 ha forestlands (Proposal recommended in 17th REC meeting on 27.10.2022 required three hearings before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)
50	2021 (24.03.2021)	FP/AS/MIN/ 139315/2021 (ONGC)	IPA granted from Centre initially 12.02.2024 and Final IPA granted on 21.10.2024	Almost 3.5 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location ELAJ in Kalyanpur PML involving diversion of 2.2091 ha forestlands (Proposal recommended in 24th REC meeting on 29.05.2023 required three hearings before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)

51	2021 (30.03.2021)	FP/AS/MIN/ 139446/2021 (ONGC)	IPA granted from Centre initially 09.02.2024 and Final IPA granted on 21.10.2024	Almost 3.5 yrs time taken to grant IPA (Final FC Awaited)	FC for Drilling location SUAD in Suphayam PML involving diversion of 1.8212483 ha forestlands. (Proposal recommended in 24th REC meeting on 29.05.2023 required three hearings before FAC on 17.01.2024, 30.04.2024 and 23.09.2024 for grant of IPA from Centre on 21.10.2024 due to CA land issue, which finally had to be replaced with NFL)
52	2021 (22.04.2021)	FP/AS/MIN/ 126230/2021 (ONGC)	IPA on : 07.09.2022 Final FC on: 16.10.2023	2 yrs 6 mths time taken for Final FC (IPA: 1 year 5 mths + Final FC: 1 yr 1 mth)	FC for Drilling location MJAA in Kalyanpur PML involving diversion of 1.763 ha forestlands
53	2021 (26.03.2021)	FP/AS/MIN/ 139701/2021 (ONGC)	IPA on : 27.10.2022 Final FC on: 16.10.2023	2 yrs 7 mths time taken for Final FC (IPA: 1 year 7 mths + Final FC: 1 yr)	FC for Drilling location KHBK in Khoraghat Extn-1 PML involving diversion of 1.779 ha forestlands
54	2021 (20.01.2021)	FP/AS/MIN/ 119173/2021 (ONGC)	Offline permission granted by O/o PCCF & HoFF on 20.12.2022 for use of same diverted forestlands accorded previously during Exploration phase	Total 1 yr 11 moths time taken for validating FC of Exploratory phase for further developmental activities (Change in Land Use)	FC for Drilling locations KSDF, KSDG and KSDH in Khoraghat PML involving diversion of 2.55 ha forestlands
55	2021 (19.01.2021)	FP/AS/MIN/ 119062/2021 (ONGC)			FC for Drilling locations KHDS and KHDG from Existing Location KHDF involving diversion of 3.48 ha forestlands
56	2021 (20.01.2021)	FP/AS/MIN/ 119067/2021 (ONGC)			FC for Drilling locations DPDS and DPDT from existing location Suphayam 1 involving diversion of 1.69 ha forestlands
57	2021 (04.10.2021) *Had to apply on-line in 2024	Offline application Submitted for FC Transfer (Vedanta Ltd)	FC Transfer from ONGC to Vedanta Ltd - Awaited	After 3 yr it has been advised to apply on-line as per new Rules	To transfer FC for Well Pad-22 in PEL Block AA-ONHP-2017/1 by transferring one out of the three FCs granted to ONGC vide letter no. 3-AS B 059/2005-SHI/3068-70 dated 20.12.2006. It involves diversion of 1.78 ha forestlands - UA requested CCF & NO (FCA) vide letter dtd 04.10.2021

58	2022 (06.05.2022)	FP/AS/Others/ 154603/2022 (ONGC)	Stage-I FC Awaited	More than 2 years old proposal	FC for Creation of production facility GGS/EPS in Khoraghat area PML involving diversion of 4.1 Ha forest land
59	2023 (07.06.2023)	FP/AS/MINOIL/ 432400/2023 (OIL)	Stage-I FC Awaited	More than 1 year old proposal	Diversion of 3.73 Ha Forest land for drilling four no. of wells DJM, Well A, Well B, Well C at old Plinth of Bogapani-2
60	2023 (07.06.2023)	FP/AS/MINOIL/ 432352/2023 (OIL)	Stage-I FC Awaited	More than 1 year old proposal to be submitted afresh	Diversion of 3.24 Ha Forest land for the project location with four wells i.e. Well DJJ, Well A, Well B, Well C from Bogapani-1 Plinth- Proposal to be submitted afresh as per remarks from DFO dtd 13.05.2024
61	2023 (28.03.2023)	FP/AS/MINOIL/ 422315/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the location BWNA in Golaghat District involving diversion of 2.2864 Ha forest lands (CA land to be provided in Non Forest land as per new FC Regulation)
62	2023 (27.04.2023)	FP/AS/MINOIL/ 426584/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the Exploratory Drilling Location BWNB in Golaghat District involving diversion of 1.709 Ha forest lands (CA land to be provided in Non Forest land as per new FC Regulation)
63	2023 (25.04.2023)	FP/AS/MINOIL/ 424232/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the Exploratory Drilling Location CJAA in Golaghat District involving diversion of 1.7784 Ha forest lands (CA land to be provided in Non Forest land as per new FC Regulation)
64	2023 (21.04.2023)	FP/AS/MINOIL/ 426530/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the Exploratory Drilling Location KHBN in Golaghat District involving diversion of 1.904 Ha forest lands (CA land to be provided in Non Forest land as per new FC Regulation)
65	2023 (25.04.2023)	FP/AS/MINOIL/ 426742/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the Exploratory Drilling Location KHBO in Golaghat District involving diversion of 1.74 Ha forest lands
66	2023 (25.04.2023)	FP/AS/MINOIL/ 426966/2023 (ONGC)	Stage-I FC Awaited	More than 1 year old proposal	Forest Clearance for the Exploratory Drilling Location DPAAE in Golaghat District involving diversion of 1.877 Ha forest lands

67	2023	FP/AS/MINOIL/ 431917/2023 (Vedanta O&G Ltd)	Stage-I FC on 08.09.2024	IPA in one year (Final FC Due)	Forest Clearance for Diversion of 1.7155 Ha forest land for Drilling at Well Pad# Jagun Updip (JG-UD) in AA-ONHP-2017/3 Block
68	2023	FP/AS/MINOIL/ 443620/2023 (Vedanta O&G Ltd)	Stage-I FC on 22.10.2024	IPA in one year (Final FC Due)	Forest Clearance for Diversion of 4.4998 Ha forest land for Drilling at Well Pad# SP-1-East-2 in AA-ONHP-2017/4 Block
69	2024 (09.05.2024)	FP/AS/MINOIL/ 472173/2023 (Vedanta O&G Ltd)	Stage-I FC Awaited	Less than 1 year old proposal	Forest Clearance for Diversion of 1.695 Ha forest land for Drilling at Well Pad# 22 (FW-005) in AA-ONHP-2017/1 Block

Annex-C

Tripura: Pattern of Forest Clearances for O&G E&P projects in the State of Tripura in NER

Sl	Year / Date of Application	FC Proposal No & Operator	Stage-I and Final FC Approval Details	Time Taken for FC Approval/ Remarks	Details of Proposal
1	2015 (26.06.2015)	FP/TR/MIN/ 13529/2015 (ONGC)	Stage-I FC/IPA- Denied	9 yrs already lapsed SC-NBWL approved the proposals on 21.09.2021 considering non-applicability of 'Goa Foundation' case judgement of Supreme court on Mining -But FC Division rejected FC proposals considering applicability of 'Goa Foundation' case judgement, which bans Mining activities inside PA and 1 Km from its boundary-	FC for Diversion of 1.368 Ha forest land for location TIAC inside Trishna WLS
2	2015 (26.06.2015)	FP/TR/MIN/ 13527/2015 (ONGC)	Stage-I FC/IPA- Denied		FC for Diversion of 1.96 Ha forest land for location TIDF inside Trishna WLS
3	2015 (26.06.2015)	FP/TR/MIN/ 13525/2015 (ONGC)	Stage-I FC/IPA- Denied		FC for Diversion of 1.496 Ha forest land for location TIDE inside Trishna WLS
4	2015 (26.06.2015)	FP/TR/MIN/ 13524/2015 (ONGC)	Stage-I FC/IPA- Denied	Accordingly RO, Shillong returned the proposals to State on 11.11.2022	FC for Diversion of 1.76 Ha forest land for location TIDA inside Trishna WLS
5	2015 (26.06.2015)	FP/TR/MIN/ 13523/2015 (ONGC)	Stage-I FC/IPA- Denied	9 yrs already lapsed SC-NBWL approved the proposals on 29.12.2022 considering non-applicability of 'Goa Foundation' case judgement of Supreme court on Mining -But FC Division rejected FC proposals considering applicability of 'Goa Foundation' case judgement, which bans Mining activities inside PA and 1 Km from its boundary-	FC for Diversion of 1.28 Ha forest land for location TIDG inside Trishna WLS
6	2015 (26.06.2015)	FP/TR/MIN/ 13520/2015 (ONGC)	Stage-I FC/IPA- Denied	Accordingly RO, Shillong returned the proposals to State on 30.08.2023	FC for Diversion of 0.20 Ha forest land for location TIDC inside Trishna WLS

7	2015 (26.06.2015)	FP/TR/MIN/ 13521/2015 (ONGC)	IPA on : 06.04.2021 Final FC on: 04.10.2021	6 yrs 4 months time to get Final FC (IPA: 5 years 10 months + Final FC: 6 months)	Diversion of 1.11 Ha forest land for location TIDD (*(FC granted inside Trishna Wildlife Sanctuary))
8	2015 (26.06.2015)	FP/TR/MIN/ 13528/2015 (ONGC)	IPA on :12.01.2021 Final FC on: 13.09.2021	6 yrs 2 months time to get Final FC (IPA: 5 years 6 months + Final FC: 8 months)	Diversion of 1.42 Ha forest land for location TIAG *(FC granted inside Trishna Wildlife Sanctuary)
9	2016 (18.05.2016)	FP/TR/MIN/ 19169/2016 (ONGC)	IPA on : 09.11.2020 Final FC on: 30.06.2021	5 yrs time to get Final FC (IPA: 4 years 5 months + Final FC: 7 months)	FC for Drilling of location BMST involving diversion of 1.74 Ha forestlands
10	2016 (21.04.2016)	FP/TR/OTHERS/ 18888/2016 (JOGPL)	IPA on 30.09.2024	More than 8 years for IPA (Payable NPV @ 2% for the Forest land in PML Block to be settled yet)	FC for construction of Drill Site, Waste pit, Drill Site Accommodation, TSR Camp and its approach road for location Dev-2A involving 1.368 ha of forest land.
11	2017 (18.05.2017)	FP/TR/MIN/ 21542/2016 (ONGC)	IPA on : 17.03.2022 Final FC on : 10.08.2022	5 yrs 3 months time to get Final FC (IPA: 4 years 10 month + Final FC: 5 months)	FC for Drilling of location BMDH involving diversion of 1.74 ha forestlands
12	2017 (04.05.2017)	FP/TR/MIN/ 21544/2016 (ONGC)	IPA on : 17.06.2021 Final FC on : 08.11.2021	4 yrs 5 months time to get Final FC (IPA: 4 years 1 month + Final FC: 4 months)	FC for Drilling of location GODA involving diversion of 3.52 Ha forestlands
12	2017 (04.05.2017)	FP/TR/MIN/ 21543/2016 (ONGC)	IPA on :17.06.2021 Final FC on : 21.10.2021	4 yrs 5 months time to get Final FC (IPA: 4 years 1 month + Final FC: 4 months)	FC for Drilling of location GODB involving diversion of 1.74 Ha forestlands
13	2017 (13.06.2017)	FP/TR/MIN/ 21546/2016 (ONGC)	IPA on : 30.09.2020 Final FC on : 21.06.2021	4 yrs time to get Final FC (IPA: 3 yrs 3 months + Final FC: 9 months)	FC for Drilling of location BRMAE involving diversion of 1.74 ha forestlands
14	2017 (03.05.2017)	FP/TR/MIN/ 25897/2017	IPA on : 14.03.2023 Final FC on :01.11.2023	6 yrs 6 months time to get Final FC (IPA: 5 yrs 10 months + Final FC: 8 months)	FC for Drilling of location BMDE involving diversion of 0.551 Ha forestlands

15	2017 (03.05.2017)	FP/TR/MIN/ 21541/2016 (ONGC)	IPA on : 06.11.2020 Final FC on : 01.03.2021	3 yrs 10 months time to get Final FC (IPA: 3 years 6 months + Final FC: 4 months)	FC for Drilling of location GOAI involving diversion of 3.34 Ha forestlands
16	2017 (13.06.2017)	FP/TR/MIN/ 21545/2016 (ONGC)	IPA on : 20.10.2020 Final FC on : 18.02.2021	3 yrs 8 months time to get Final FC (IPA: 3 years 4 months + Final FC: 4 months)	FC for Drilling of location BRMAD involving diversion of 3.32 ha forestlands
17	2017 (13.06.2017)	FP/TR/MIN/ 25930/2017 (ONGC)	IPA on : 29.11.2019 Final FC on : 17.06.2020	3 yrs time to get Final FC (IPA: 2 years 5 months + Final FC: 7 months)	FC for Drilling of location KHBS involving diversion of 1.74 Ha forestlands
18	2017 (13.06.2017)	FP/TR/MIN/ 25929/2017 (ONGC)	IPA on : 25.04.2018 Final FC on : 16.04.2020	2 yrs 10 months time to get Final FC (IPA: 10 months + Final FC: 2 yrs *)	FC for Drilling of location KHBR involving diversion of 1.998 ha forestlands
19	2019 (13.02.2019)	FP/TR/MIN/ 25929/2017 (ONGC)	IPA on : 20.10.2020 Final FC on : 21.06.2021	2 yrs 4 months time to get Final FC (IPA: 1 yr 8 months + Final FC: 8 months)	FC for Drilling of location BRMAJ involving diversion of 1.74 ha forestlands
20	2019 (15.02.2019)	FP/TR/MIN/ 38786/2019 (ONGC)	IPA on : 17.06.2021 Final FC on : 21.10.2021	2 yrs 8 months time to get Final FC (IPA: 2 years 4 months + Final FC: 4 months)	FC for Drilling of location ROBL involving diversion of 1.783 ha forestlands
21	2019 (01.05.2019)	FP/TR/MIN/ 38526/2019 (ONGC)	IPA on : 17.06.2021 Final FC on : 08.11.2021	2 yrs 7 months time to get Final FC (IPA: 2 years 2 months + Final FC: 5 months)	FC for Drilling of location BREB involving diversion of 1.74 ha forestlands
22	2019 (24.01.2019)	FP/TR/MIN/ 38549/2019 (ONGC)	IPA on : 09.11.2020 Final FC on : 22.07.2021	2 yrs 5 months time to get Final FC (IPA: 1 year 9 months + Final FC: 8 months)	FC for Drilling of location GOAO involving diversion of 1.863 ha forestlands
23	2019 (30.04.2019)	FP/TR/MIN/ 30149/2017 (ONGC)	IPA on : 26.11.2020 Final FC on : 30.06.2021	2 yrs 2 months time to get Final FC (IPA: 1 year 7 months + Final FC: 7 months)	FC for Drilling of location ROBJ involving diversion of 1.721 ha forestlands

24	2019 (11.01.2019)	FP/TR/MIN/ 38162/2019 (ONGC)	IPA on : 20.10.2020 Final FC on : 30.03.2021	2 yrs 2 months time to get Final FC (IPA: 1 year 9 months + Final FC: 5 months)	FC for Drilling of location AMAA involving diversion of 1.74 ha forestlands
25	2020 (09.11.2020)	FP/TR/MIN/ 53948/2020 (ONGC)	IPA on : 17.03.2022 Final FC on : 21.09.2022	1 yr 10 months time to get Final FC (IPA: 1 year 4 months + Final FC: 6 months)	FC for Drilling of location ROBM involving diversion of 3.054 ha forestlands
26	2020 (06.11.2020)	FP/TR/MIN/ 53577/2020 (ONGC)	IPA on : 23.12.2021 Final FC on : 25.07.2022	1 yr 9 months time to get Final FC (IPA: 1 year 2 months + Final FC: 7 months)	FC for Drilling of location TMAB involving diversion of 2.63 ha forestlands
27	2020 (09.11.2020)	FP/TR/MIN/ 65526/2020 (ONGC)	IPA on : 23.12.2021 Final FC on : 05.07.2022	1 yr 9 months time to get Final FC (IPA: 1 year 2 months + Final FC: 7 months)	FC for Drilling of location GODD involving diversion of 1.56 ha forestlands
28	2020 (04.11.2020)	FP/TR/MIN/ 53358/2020 (ONGC)	IPA on : 23.12.2021 Final FC on : 05.07.2022	1 yr 9 months time to get Final FC (IPA: 1 year 2 months + Final FC: 7 months)	FC for Drilling of location SDAH involving diversion of 2.978 ha forestlands
29	2020 (06.11.2020)	FP/TR/MIN/ 53710/2020 (ONGC)	IPA on : 06.10.2021 Final FC on : 11.04.2022	1 yr 5 months time to get Final FC (IPA: 11 months + Final FC: 6 months)	FC for Drilling of location BMSU involving diversion of 2.652 ha forestlands
30	2021 (31.05.2021)	FP/TR/MIN/ 142678/2021 (ONGC)	IPA on : 10.02.2023 (Final FC Due)	1 year 8 months in getting IPA (Final FC Due) (Pending with UA since 11.06.2024)	FC for Drilling of location GOAN involving diversion of 6.131 ha forestlands
31	2021 (04.06.2021)	FP/TR/MIN/ 143105/2021 (ONGC)	IPA on : 08.02.2023 Final FC on : 01.09.2023	2 yr 3 months time to get Final FC (IPA: 1 Year 8 months + Final FC: 7 months)	FC for Drilling of location RO#15A involving diversion of 0.76229 ha forestlands
32	2021 (09.07.2021)	FP/TR/MIN/ 144493/2021 (ONGC)	IPA on : 10.02.2023 Final FC on : 18.07.2023	2 yr 1 month time to get Final FC (IPA: 1 Year 8 months + Final FC: 5 months)	FC for Drilling of location BRMAK involving diversion of 1.98 ha forestlands

33	2021 (12.08.2021)	FP/TR/MIN/ 145220/2021 (OIL)	IPA on : 10.02.2023 Final FC on : 31.07.2023	2 yr time to get Final FC (IPA: 1 Year 6 months + Final FC: 6 months)	FC for Drilling of location TULC involving diversion of 9.4 ha forestlands for the PML block-AA/ONDSF/TULAMARA/2018
34	2021 (12.08.2021)	FP/TR/MIN/ 145542/2021 (OIL)	IPA on : 30.12.2022 Final FC on : 30.08.2023	2 yr time to get Final FC (IPA: 1 Year 5 months + Final FC: 7 months)	FC for Drilling of location TULA involving diversion of 5.24 ha forestlands for the PML block-AA/ONDSF/TULAMARA/2018
35	2021 (12.08.2021)	FP/TR/MIN/ 145135/2021 (OIL)	IPA on : 30.12.2022 Final FC : 31.07.2023	2 yr time to get Final FC (IPA: 1 Year 5 months + Final FC: 7 months)	FC for Drilling of location TULB involving diversion of 4.82 ha forestlands for the PML block-AA/ONDSF/TULAMARA/2018
36	2021 (13.08.2021)	FP/TR/MIN/ 145546/2021 (OIL)	IPA on : 30.12.2022 Final FC : 31.07.2023	2 yr time to get Final FC (IPA: 1 Year 5 months + Final FC: 7 months)	FC for Drilling of location TULD involving diversion of 5.47 ha forestlands for the PML block-AA/ONDSF/TULAMARA/2018
37	2021 (09.07.2021)	FP/TR/MIN/ 144616/2021 (ONGC)	IPA on : 15.11.2022 Final FC : 12.04.2023	1 yr 9 months time to get Final FC (IPA: 1 Year 4 months + Final FC: 5 months)	FC for Drilling of location BMDK involving diversion of 1.36 ha forestlands
38	2022 (28.11.2022)	FP/TR/Pipeline/ 441472/2022 (ONGC)	IPA awaited	2 years lapsed- Stage-I FC Awaited (Forwarded to RO on 11.12.2024)	FC for Laying of Proposed Natural Gas Pipeline from ADB GCS to Baramura GCS involving diversion of 4.397 ha of forest land
39	2022 (28.11.2022)	FP/TR/ROAD/ 407372/2022 (ONGC)	IPA on : 17.04.2024 (Final FC Awaited)	2 years lapsed- Stage-I FC Awaited (Pending with UA since 19.06.2024)	FC for construction of Approach Road leading to Drill site for Exploratory location BRMAH involving diversion of 1.3 ha of forest land
41	2022 (26.10.2022)	FP/TR/MIN/QRY 403097/2022 (JOGPL)	IPA awaited	2 years old Proposal (Reply on 04.12.2024 against EDS of 23.09.2024)	FC for construction of drill site, waste pit, drill site accommodation, TSR camp for location Dev 37A involving 2.036 ha of forest land.
42	2022 (26.10.2022)	FP/TR/MIN/QRY 403782/2022 (JOGPL)	IPA awaited	2 years old Proposal (Proposal sent to Delhi on 07.11.2024 and sent to RO on 09.12.2024 for SIR)	FC for construction of Drill Site, Waste Pit, Drill Site Accommodation TSR Camp for location DEV-37B involving 1.572 ha of forest land.

43	2023 (17.05.2023)	FP/TR/MIN/QR/403652/2022 (JOGPL)	IPA awaited	1 years 6 months old Proposal (Proposal sent to Delhi on 07.11.2024 and sent to RO on 09.12.2024 for SIR)	FC for construction of Drill Site, Waste Pit, Drill Site Accommodation TSR Camp for location DEV-34A-1 involving 2.031 ha of forest land.
44	2023 (28.06.2023)	FP/TR/ROAD/434883/2023 (ONGC)	IPA awaited	More than 1 year old proposal Stage-I FC Awaited (EDS from RO dtd 25.11.2024)	FC for the approach road falling in Tripura for the Exploratory Drilling Location LGM located in Assam , involving diversion of 0.076 ha forest land
45	2023 (21.07.2023)	FP/TR/MINOIL/437032/2023 (ONGC)	IPA awaited	More than 1 year old proposal Stage-I FC Awaited (Pending with DFO- Joint Site visit completed on 25.11.2024)	FC for Diversion of 2.012 ha of forest land for Exploration of Hydrocarbon / Natural Gas through Drilling, Waste-pit and Approach Road of location ADAU
46	2023 (24.08.2023)	FP/TR/MINOIL/441472/2023 (ONGC)	IPA awaited	More than 1 year old proposal Stage-I FC Awaited (As advised on 06.08.2024, UA has to obtain a NOC from “Bhairabnagar Conservation Reserve Management Committee” and “Bhairab Nagar Conservation Reserve Management Committee” yet to be constituted after the same was dissolved during Panchayat Election-2024 and PCCF &HoFF vide letter dtd 06.11.2024 requested GoT for formation of the same)	FC for Diversion of 2.89 ha of forest land for Exploration of Hydrocarbon / Natural Gas through Drilling, Waste-pit and Approach Road of location AA-ONO202-RJA-A
47	2023 (23.09.2023)	FP/TR/MINOIL/441472/2023 445121/2023 (ONGC)	IPA awaited	More than 1 year old proposal Stage-I FC Awaited (Joint field visit held on 25.10.2024 and awaited approval from GoT)	FC for Diversion of 0.9642 ha of forest land for Exploration of Hydrocarbon / Natural Gas through Drilling, Waste-pit and Approach Road of location AA-ONO-184-BOA-A

48	2023 (21.12.2023)	FP/TR/MINOIL/ 441472/2023 462777/2024 (OIL)	IPA awaited	Project Screening Committee in its meeting held on 03.06.2024 has advised for joint site verification along with District Administration, DFO and UA which was completed on 26.09.2024 Forwarded to RO, Shillong on 07.12.2024	FC for Diversion of 6.755 ha of forest land for construction of approach road to Exploratory Location OSTA involving 6.755 ha of forest land
49	2023 (21.12.2023)	FP/TR/SRY/ 456223/2023 (ONGC)	IPA awaited	Awaited Recommendation from State Board for Wildlife for Seismic Survey inside PA against recommendation from Chief Wildlife Warden on 02.05.2024- State Board for Wildlife yet to be notified since after request made by the Forest Dept to Govt vide letter dtd 04.09.2024	Wildlife Clearance from SC-NBWL for 3D Seismic Survey inside the PA for OALP Block of ONGC at Rajnagar
50	2024 (27.06.2024)	FP/TR/MINOIL/ 482410/2024 (JOGPL)	IPA awaited	Less than 1 year old proposal (Joint visit completed by DFO, Dhalai on 27.11.2024)	Forest Clearance for the location D2 in AA-ONN-2002/1 Block involving diversion of 7.757 Ha Forestlands

19 Recommendations of the 1st Edition of the NE Regional Workshop held on 21st October, 2019

Forwarded to Centre vide RO, MoEF&CC's letter
dated 11th December, 2019

Top Recommendations After 1st Edition of Workshop

Held on 21 October, 2019



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
NORTH EASTERN REGIONAL OFFICE
LAW-U-SIB, LUMBATNGEN, SHILLONG-793021
TEL. 0364-2537278; FAX. 0364-2536041
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No. RO-NE/E/IA/W&M/2018/ 3472-74

Date: 11th December, 2019

To,

1. The Additional Director General of Forests (FC),
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi-110003
2. Mrs. Geeta Menon, IAS,
Joint Secretary,
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi-110003
3. The Director, ROHQ,
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan,
Jorbagh Road, Aliganj, New Delhi-110003

Sub: Proceedings of the One day Regional Workshop on Recent Advances in Environment and Forest Laws with special reference to Oil, Petroleum and Gas Sector held on 21.10.2019-reg.

Sir/Madam,

With reference to the subject above, I am directed to inform that the North Eastern Regional Office, Shillong have organized a one day Regional Workshop on 'Recent Advances in Environment and Forest Laws with special reference to Oil, Petroleum and Gas Sector' on 21.10.2019. A copy of the proceedings of the workshop with recommendations is enclosed herewith for your kind perusal and reference.

Yours faithfully,

(Dr. H. Tynsong)
Scientist 'D'

Encl: As above.

g/c

Participants of 1st Edition of Workshop





Annexure: I.**List of Attendances**

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110	Mr.Kawlhunna	Mizoram	IFS		-
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112	Mr Raj Thilak S	Govt of Arunachal Pradesh	Member Secretary, (PCB)	7005633361	-
113	Shri G.S. Panesar	Govt of Assam	Director, Directorate of Geology & Mining, Guwahati	9435080857	gspanesar31@gmail.com
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115	Dr.(Smti) Ranjana Gupta	Govt of Assam	Chief Wildlife Warden		-
116	Shri Raju Das	Govt of Assam	Assam Tribune		-
117	Mr Y. Suryanarayana	Govt of Assam	Chairman (PCB)	7086052548	-
118	Sri A. M. Singh	Govt of Assam	PCCF & HoFF	9435730125	-
119	Mr Sujeev Shakya	Beed Management	CEO		-
120	Mr Surya Prakash	SamvridhiiInfotech	Director	9871700700	
121	Ms Abha Chaturvedi	SamvridhiiInfotech	Business Manger	7303937566	-
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123	Mr Kush Lungani	-	-	-	-
124	Mr Zulfi	-	-	-	-
125	Mr Hitesh	-	-	-	-
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Proceedings of the One Day Regional workshop on Recent Advances in Environment & Forest Laws with special reference to Oil, Petroleum & Gas Sector held on 21.10.2019 at Shillong

Workshop Overview:

North Eastern Regional Office, Ministry of Environment, Forest and Climate Change (MoEF & CC), Shillong, Meghalaya, supported by Oil India Limited, Oil and Natural Gas Corporation Ltd., IGGL, Cairn Oil and Gas (Vedanta Ltd)., and HOECL have organized a One Day Regional Workshop on 21st October, 2019 at the State Convention Center in Shillong, Meghalaya. The theme of the workshop is, '*Recent Advances in Environment & Forest Laws with Special Reference to Oil, Petroleum & Gas Sector*'. More than 120 participants from the regulatory agencies which included representatives from MoEF & CC, New Delhi, Central Pollution Control Board, State Forest Departments, Department of Geology and Mining and State Pollution Control Boards as well as the industry sectors have participated in the workshop. The list of participants of the meeting is attached as Annexure I.

The objective of the workshop was to bring both regulators and user agencies concerning Oil, Petroleum and Gas Sectors on one platform for deliberation on issues pertaining to the Environment (Protection) Act, 1986; Forest (Conservation) Act, 1980; Wildlife (Protection) Act, 1972 and other ancillary acts thereto. The workshop aimed to discuss and implement recent Orders, Directions, Guidelines issued by MoEF&CC besides the court orders issued from time to time; and also to enlighten user agencies concerning Oil, Petroleum and Gas Sectors on the applicability of the provisions laid down in the EIA Notification, 2006; FC Act, 1980; WP Act, 1972 and activities within Eco-sensitive Zone and inside Protected Areas. The workshop was designed for pondering on the process of following extent rules concerning Environment and Forest by the user agencies and adopt available cleaner technology thereby achieving environmental norms. The main non-compliances of EC stipulated conditions were also discussed.

The workshop started with registration and welcoming of all participants and delegates to the workshop. This was followed with felicitation of dignitaries namely, Shri Saibal Dasgupta, Additional Director General (Retd.), MoEF & CC, Shri S. K. Aggarwal, Deputy Director General of Forests (C), RO, Shillong, Shri Amar Nath, Joint Secretary (Exploration), MoPNG, Dr. S. K. Bajpayee, Joint Secretary, MoEF & CC, Dr. J.P. Gupta, Member Secretary EAC (Industry-2) along with the selective Industry representatives.

Shri R. L. Sanga, Deputy Inspector General of Forests (C) addressed the gathering with a warm welcome note. He thanked OIL, ONGC Ltd., Cairn Oil and Gas (Vedanta Ltd), HOEC and

Shri R. K. Borah, GM (Land), OIL enquired that as per FCA and guideline issued in Jan, 2014 if Forest area is inside the PML area, full or part, it is required to take FC under Sec 2(iii) for the entire block and cannot start any activity in the entire block. Shri S. Das mentioned that if such cases arise, then option is to divide the block into forest & non-forest area and start operation in non-forest area by giving undertaking.

Shri S.K. Rai, CGM (HSE&C) enquired regarding condition of FRA clearance is mandatory or not before grant of PML. It was replied that the issue was taken up with Ministry of Tribal Affairs and had issued a circular stating that grant of FRA is not mandatory before grant of PML. Shri Siddhanta Das mentioned that FRA was made to give legal rights to the tribe dwellers. FRA is not linked to FCA as it comes under a different Ministry.

Shri S. Subramanian enquired regarding the EC condition on 33% greenbelt development around the project. He mentioned that during the course of implementation, purchasing additional land for plantation becomes difficult and Forest division is also contacted for help who conveyed their regret regarding the same. Shri S. Das explained regarding different types of forest having more than 01% tree density. He mentioned that Ministry is planning to develop Government/Community owned waste lands having less than 01% density into forest land in PPP model.

Recommendations:

At the end of all the presentations and deliberations, following points/issues emerged for concerned authorities to consider amending/incorporating in the relevant Acts, Rules, Notifications, Office Memoranda, etc:

A. Forest Related Matter:

- i. Oil & gas extraction should be treated as non-mining activity under FC Act.
- ii. FC should not be linked with EC application, as grant of EC is kept on hold till Stage-I Approval is granted.
- iii. MoEF & CC should have separate provision and guidelines on FC to Oil & gas activities.
- iv. Digitized maps for Forest and Wildlife areas in N-E, may be made available to the public in public domain for easy access and convenient of proactive action for User Agency.
- v. Based on latest satellite imagery, status of declared Protected Areas (PAs)/RFs in the North-Eastern States, where ground reality has changed over the period of time since after their Notifications may be reviewed.
- vi. For mining proposals up to 5 ha of forest lands, clearance under FC Act by MoEF&CC may be delegated to Regional Office instead of present practices of its approval from Central Government, which is a very lengthy and time-consuming process.
- vii. FC Act shouldn't be applicable for accessing reservoir at 3-4 km depth using ERD technology.
- viii. Seismic Survey in ESZ/PA areas were permitted earlier but, in some cases, survey is not permitted at present. Further clarification is required.

- ix. WL division to reinstate its guidelines dated 26.09.2014 which advises State Forest Directorate not to handle proposals for 10 Km ESZ areas, as Wildlife Protection Act, 1972 is not applicable.
- x. Oil & Gas E&P activities are not to be prohibited in final site specific ESZ Notifications.
- xi. Separate form may be introduced for proposals executed in 10 Km ESZ area instead of using the same Form used for proposals executed inside PAs.
- xii. North-Eastern States to consider for holding State Wildlife Board Meetings Quarterly in order to avoid delay in getting approval for the projects from SC-NBWL.

B. Environment Related Matter:

- i. Rules and Regulations framed for exploration and development activities should be different and some relaxation should be given in the case of exploration, since the activity is purely temporary in nature.
- ii. Condition such as making approach road to be made pucca to minimize generation of suspended dust may not be necessary in the case of exploratory drilling, since the activity is purely temporary in nature. This condition may be imposed only for development drilling.
- iii. Monitoring for CSR activities carried out by projects may be entrusted to concerned State Government Department such as Social Welfare Department.
- iv. NOC from CGWA may be required before any drilling operation.
- v. Condition in EC related to subsidence study and infra-red camera is to be reconsidered.
- vi. Project proponent of oil and gas sectors should undertake research activities on a) to ascertain if any impact is being caused by emissions, gas flaring, fugitive emissions and other pollutants on the surrounding forests and b) effect of Oil Refinery/Petrochemical/GGS effluent on aquatic organisms.
- vii. Non-availability of TSDF Facilities in North-East Region is to be addressed to.

**Maps Showing Oil Blocks Falling
Within 50 Km Territorial Jurisdiction
of BSF from International Borders**

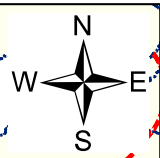
MAP SHOWING ACTIVE BLOCKS AND 50 KM BUFFER LINE FROM INTERNATIONAL BOUNDARY

68°0'0"E

72°0'0"E

LEGEND

- - - 50 KM. BUFFER FROM INTERNATIONAL BOUNDARY
- OALP ACTIVE BLOCK
- PRODUCING FIELD
- NELP ACTIVE BLOCK
- DSF ACTIVE BLOCK
- NOMINATION BLOCK
- EEZ BOUNDARY
- STATE BOUNDARY



30°0'0"N

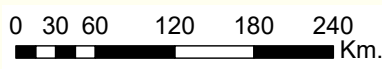
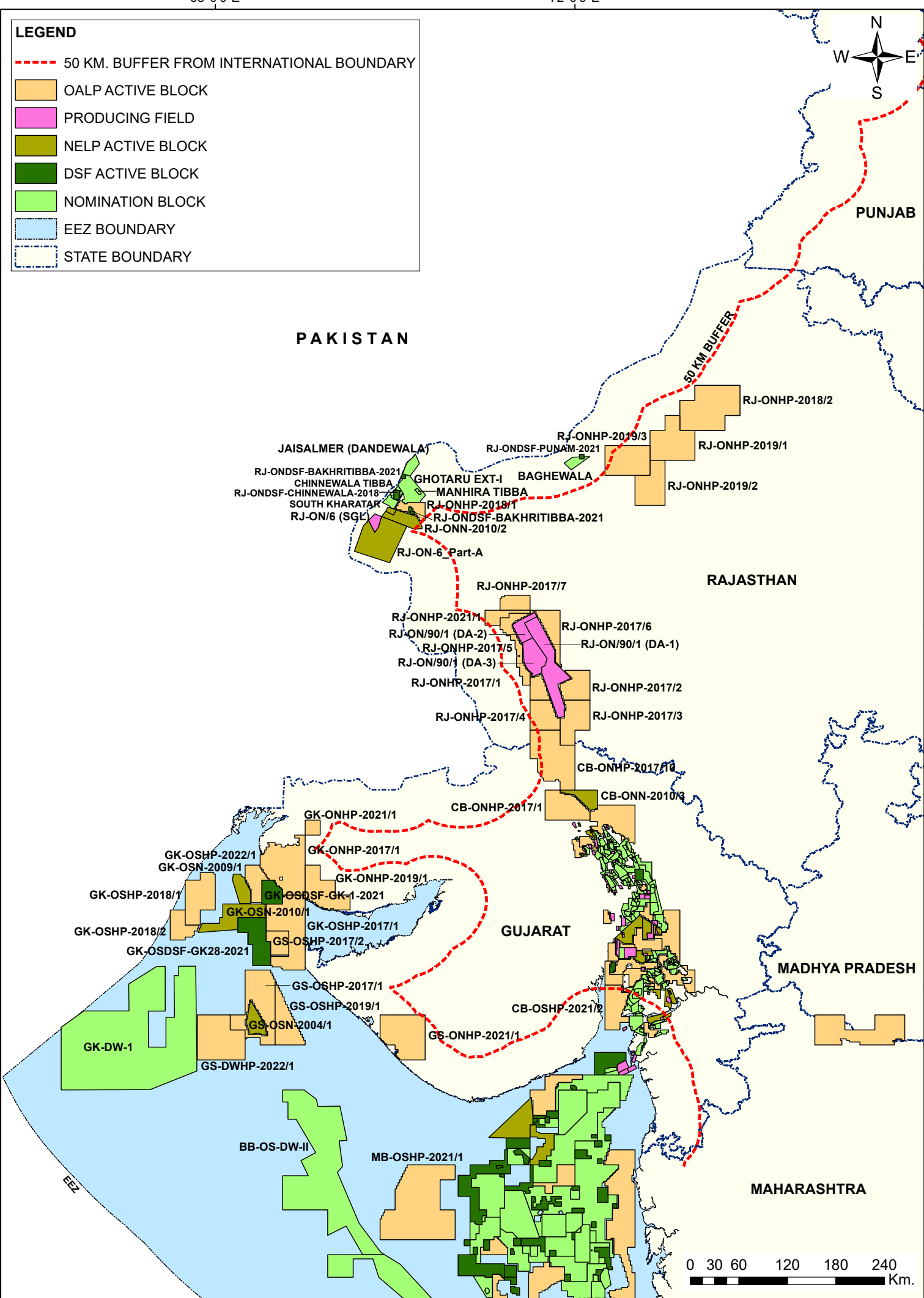
30°0'0"N

26°0'0"N

26°0'0"N

22°0'0"N

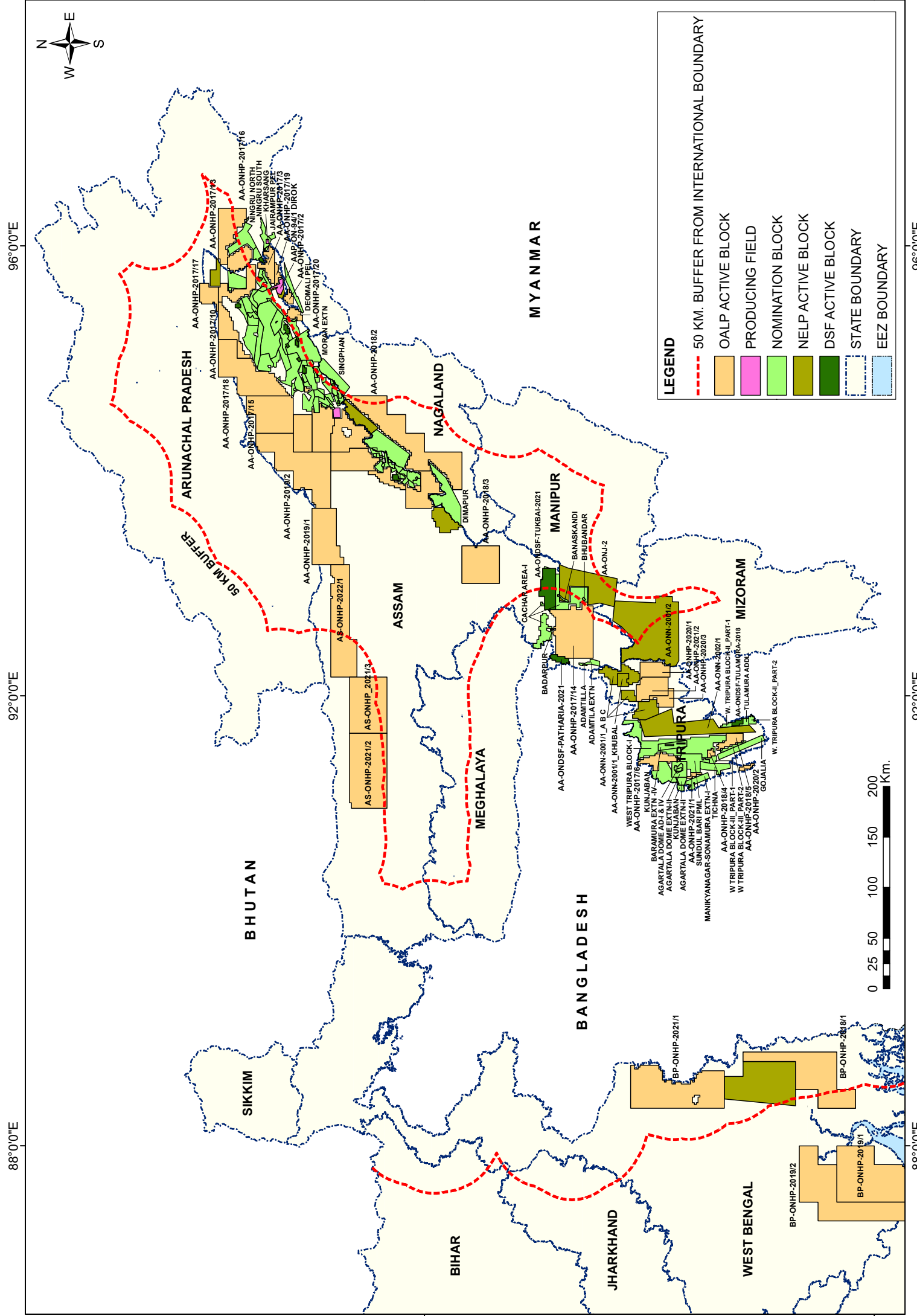
22°0'0"N



68°0'0"E

72°0'0"E

MAP SHOWING ACTIVE BLOCKS AND 50 KM BUFFER LINE FROM INTERNATIONAL BOUNDARY



LEGEND

- - - 50 KM. BUFFER FROM INTERNATIONAL BOUNDARY
- OALP ACTIVE BLOCK
- PRODUCING FIELD
- NOMINATION BLOCK
- NELP ACTIVE BLOCK
- DSF ACTIVE BLOCK
- STATE BOUNDARY
- EEZ BOUNDARY



MAP SHOWING ACTIVE BLOCKS AND 50 KM BUFFER LINE FROM INTERNATIONAL BOUNDARY

