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Republic of the Philippines  
Department of Environment and Natural Resources  
**BIODIVERSITY MANAGEMENT BUREAU**  
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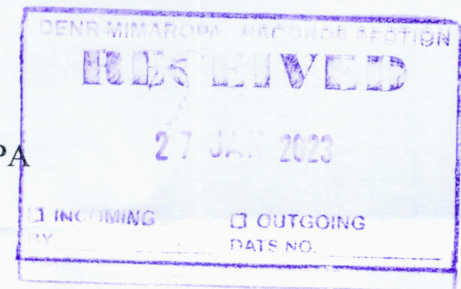
## MEMORANDUM

FOR : The Regional Executive Director  
DENR Regions CALABARZON & MIMAROPA

FROM : The OIC Director

SUBJECT : **Highlights of the Online Meeting with Shell Energy Philippines, Inc.,  
28 November 2022**

DATE : JAN 23 2023



This has reference to the outcome of Online Meeting with Shell Energy Philippines conducted on 28 November 2022 wherein the Shell LNG Import Terminal Project being proposed by Shell Energy was presented and discussed for guidance of the BMB as Secretariat Chair.

Relative thereto, please find attached the highlights of the online meeting including the powerpoint presentation of the proposed project for your perusal, dissemination, and discussion with relevant stakeholders, including the DENR field offices, to solicit any additional comments regarding proposed project.

In addition, may we inform you that BMB is presently organizing the VIP MPAN and LEN 4<sup>th</sup> Secretariat and 3<sup>rd</sup> Management Board Meeting to be held tentatively on February 22-23, 2023 in the province of Oriental Mindoro wherein among the topics to be discussed are the proposed economic activities to be implemented within the VIP. A memorandum-invitation will be sent to your Office once we have finalized the date and venue.

Should you have any questions, you may contact the Coastal and Marine Division of this Bureau at [cmd@bmb.gov.ph](mailto:cmd@bmb.gov.ph) or at Tel/Fax No. (02) 8925 8948 for details.

Thank you and looking forward to your usual support to the VIP MPAN and LEN.

NATIVIDAD Y. BERNARDINO



Republic of the Philippines  
Department of Environment and Natural Resources  
BIODIVERSITY MANAGEMENT BUREAU



BMB202300264



UNITED NATIONS DECADE ON  
**ECOSYSTEM  
RESTORATION**  
2021-2030



**ANNEX A.**

**List of Participants to the Online Meeting with Shell Energy Philippines**

28 November 2022  
Zoom Conference Platform

DENR
<p>Biodiversity Management Bureau:</p> <ol style="list-style-type: none"><li>1. Armida P. Andres – Chief, CMD</li><li>2. John Erick B. Avelino – Section Chief, CMD-ICMP</li><li>3. Alita Sangalang – Senior Ecosystems Management Specialist</li><li>4. Pablo G. de los Reyes - Senior Ecosystems Management Specialist</li><li>5. Criselda B. Castor - Senior Ecosystems Management Specialist</li></ol> <p>Region 4A:</p> <ol style="list-style-type: none"><li>6. Jefferson G. Cruz – OIC Chief, CRFMS</li><li>7. Maria Jeanella Abanilla - PENRO Batangas</li></ol>
Proponent and EIA Preparer
<p>Shell Energy Philippines Inc (SEPH)</p> <ol style="list-style-type: none"><li>8. Joven Hernandez - Authorized representative of Shell Energy Philippines</li><li>9. Beverly Berberabe - Community Relations</li><li>10. Conrad Parizal - Community Relations lead</li><li>11. Lou Aguion - Project Lead</li><li>12. Jonabel Abad-Faustino- Engineering Lead</li><li>13. Nilo Barbonio - Community Relations</li></ol> <p>Jacobs (EIA Preparer)</p> <ol style="list-style-type: none"><li>14. Katherine Gavile</li><li>15. Edmund Piquero Jr</li><li>16. Anna Termulo</li><li>17. Bonifacio Labatos, Jr.</li><li>18. Joyce Almadrones</li></ol>





## MEMORANDUM

FOR : The OIC Director *[Signature]* 1/29/23

THRU : The Assistant Director  
The CMD Chief *[Signature]*  
The Section Chief *[Signature]* Recommendation noted. Erik 1/16

FROM : The Undersigned CMD Staff

SUBJECT : **Highlights of the Online Meeting with Shell Energy Philippines, Inc., 28 November 2022**

DATE : 20 JAN 2023

### I. Reference

1. The Shell Energy Philippines, Inc. sent a letter-request to present to this Office as VIP MPAN and LEN Secretariat Chair the proposed Shell Liquefied Natural Gas (LNG) Import Terminal Project in Brgys. Libjo and Malitam, and Tabangao, Ambulong in Batangas City. Based on the indicative map attached to the email, the location of said proposed project falls within the Verde Island Passage.

### Background

2. Section 2 of Presidential Decree No. 1586 also known as "Establishing and Environmental Impact Statement System Including Other Environmental Management Related Measures and for other Purposes" states that all agencies and instrumentalities of the nation government, including government owned or controlled corporations, as well as private corporations, firms and entities for every proposed project and undertaking which significantly affect the quality of the environment.
3. DENR Environmental Management Bureau (EMB) conducted the Technical Scoping for the said project. It was mentioned that the project is within the Verde Island Passage (VIP) and a need to present the proposal to the management board of the VIP MPAN and LEN. Thus, the meeting was set. However, the members of the management board MPAN & LEN were not able to attend. A complete list of the participants can be viewed as **ANNEX A**.





## II. Highlights

Agenda	Discussion/Agreements
Preliminaries	<ul style="list-style-type: none"> <li>- Opening and overview of the purpose of the Meeting which is primarily to present and discuss the proposed project of Shell Energy for guidance of BMB as Secretariat Chair</li> <li>- Introduction of the Participants</li> </ul>
Project Presentation	<ul style="list-style-type: none"> <li>-Project Name: Shell LNG Import Terminal Project</li> <li>-Proponent: Shell Energy, Phils. Inc.</li> <li>-EIA preparer: Jacobs Projects Philippines, Inc.</li> <li>-Project Category: A (Environmentally-Critical Project)</li> <li>-Project Location: the proposed project is really within the VIP</li> <li>-Project Footprint: 53 has. during construction and 14 has. during operation</li> <li>-Rationale: provide gas supply with the projected depletion of Malampaya Gas reserves; address increased demand for natural gas due to projected economic growth energy consumption; and support PH government's goal of increasing natural gas as energy source</li> <li>-a Video was shown about the basic property of LNG and the processes involved before it is transported via a marine vessel to other countries/places</li> <li>-Project components: Floating Storage and Regasification Unit (FSRU), offshore and onshore pipelines, pigging station, existing Jetty to be refurbished, Pressure Reduction Metering Station (PRMS) and Ignitable Vent</li> </ul> <p>Project layout showed that a 300 m radius exclusion zone and additional 300-500m safety zone will be provided for the FSRU. In the additional area, only passage is allowed due to highly-dangerous 24/7 activity in the FSRU</p> <p>Project Schedule: The design up to the construction is from Q1 2021 to Q2 2025 while the operation is expected to start in Q3 2025</p>
Result of EIA	<p>EIA was conducted within the marine area including the terrestrial area where the pipeline will be laid. It was emphasized that a) no mangroves will be cut, and none of the species observed are threatened or critically endangered, the overall water quality of Batangas Bay is Class SC. Seagrasses were observed in the intertidal sand beds.</p>
Discussion/ Open Forum	<p>Mr. Pablo de los Reyes, Jr. reminded the proponent/preparer that they have to secure not only Environmental Compliance Certificate (ECC) but also the permits/Letter of no Objection (LONO) from other Agencies/Offices concerned. ECC is just a planning tool and not a permit for the implementation of the project.</p> <p>It was also mentioned that VIP is globally known as "Center of the Center of Marine Shore Fish" as announced by Dr. Carpenter and Dr. Springer. It was suggested to have strong mitigating measures to address the possible adverse impact of the project to the marine environment.</p> <p>Also, Mr. de los Reyes asked where the ballast water of the FSRU will be disposed of. The ballast water may contain foreign/alien microorganisms</p>



which may adversely impact the marine environment of the VIP. The preparer said that the FSRU is equipped with a water treatment facility. Any liquid that will be discharged to the sea, it will pass through the said facility.

Considering that the proponent has used secondary data only as a basis in the coastal and marine information, Ms. Criselda Castor recommended a marine survey to validate the presence of habitat.

Mr. John Erick Avelino asked the proponent if there is an Emergency Response Plan and Oil Spill Contingency Plan in place to which the EIA Preparer replied that there is a safety protocol e.g. Emergency Response Plan, Redundancy Measures in time of Emergency, Emergency Control and Spill Management.

Ms. Armida Andres recommended that a water quality testing should be conducted on the area before, during and after each unloading operation to determine the baseline data and for monitoring purposes especially if there will be oil leak/spill that will occur during operations (loading/unloading).

Ms. Alita Sangalang stated that seagrasses as found in the area should be treated as equally important habitat as they serve as feeding grounds for marine mammals. The proponent expressed agreement to the statement.

Mr. Pablo de los Reyes advised the proponent to secure Notice to Proceed (NTP) and other necessary permits from relevant government agencies.

Mr. John Erick Avelino asked the proponent on who are the possible beneficiaries of the enterprise they are going to provide for those that will be affected by the project to which the proponent mentioned that a set of criteria is being used in coordination with the Local Government Units (LGUs), mainly related to the affected areas of the project.

Mr. Jefferson Cruz suggested to the proponent the conduct of water quality testing during the wet and dry season instead of just one-time sampling done by the proponent to have a good baseline data. This will also strengthen their measures in preventing damage that may occur during the operation.

In addition, Mr. Cruz mentioned that for the Multi-Partite Monitoring Team (MMT) for the LNG, the DENR can recommend additional members to help in the parameters for water quality testing and analysis.

Ms. Sangalang asked the proponent of the duration of the implementation of the project. The proponent replied that they are looking at 20 years. Ms. Sangalang, then, provided advance information on the proposed establishment of the Verde Island Passage as a protected area under the NIPAS and the possibility of subjecting the proposed project (if and upon approval) to Special Use Agreement within the Protected Area (SAPA), wherein the protected area management can impose fees to any project within the protected area pursuant to the NIPAS Act. The proponent



	expressed that they will cooperate in our conservation efforts for the protection of the environment.
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### III. Actions to be Taken

DENR side:

1. The project presentation in powerpoint and highlights of the meeting will be shared with the concerned field offices who were not able to attend the online meeting. A Memorandum addressed to Regions IV-A and IV-B is hereby attached requesting dissemination to concerned field offices and relevant stakeholders of the project, for further deliberation and comments.

Proponent/EIA Preparer side:

1. Conduct a marine survey with the DENR Field Office to validate/further check the presence of habitat
2. To secure Notice to Proceed (NTP) and other necessary permits relevant government agencies
3. Be ready to present at the scheduled VIP-MPAN LEN meeting of representatives of the five provinces composing the VIP.

For your information and/or further instructions.

Prepared by:

  
**ALITA SANGALANG**

Senior Environmental Management Specialist

*Alita*