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**RECEIVED**  
*By Email to DOE/FE: at 4:00 pm, Mar 20, 2014*

March 20, 2014

The Office of Fossil Energy  
Natural Gas Regulatory Activities  
U.S. Department of Energy  
Attention: Larine Moore, Docket Room Manager  
Docket Room FE-34  
P.O. Box 44375  
Washington, DC 20026-4375

Re: Sabine Pass Liquefaction, LLC  
DOE Semi-annual Report  
DOE/FE Order Nos. 2833, 2961, and 3384  
FE Docket Nos. 10-85-LNG, 10-111-LNG, and 13-121-LNG

Dear Ms. Moore:

Pursuant to the above-referenced Orders, Sabine Pass Liquefaction, LLC ("Sabine Pass"), herein submits documents describing the progress of the Sabine Pass Liquefaction Project ("Project") for September 1, 2013 through February 28, 2014. The Project is currently under construction in Cameron Parish, LA.

During this period, activities at the Liquefaction Project focused on soils improvement, pile driving, pouring of foundations, and erecting structural steel. Please refer to Table 1 below for a summary of activities during this period. Please refer to Attachment A for the Monthly Reports submitted to Federal Energy Regulatory Commission ("FERC") during the period of September 1, 2013 through February 28, 2014.

<b>Table 1. Summary of Activities at the Sabine Pass Liquefaction Project During the Period of September 1, 2013 through February 28, 2014</b>	
<b>Area</b>	<b>Comments</b>
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"><li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li><li>Continued installing mechanical equipment.</li><li>Continued installing electrical cable tray in the propane condenser rack.</li></ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"><li>Conducted soil stabilization activities.</li><li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li><li>Installing mechanical equipment</li></ul>
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"><li>Conducted soil stabilization activities.</li><li>Completed pile driving activities.</li><li>Placement of the seal slab in the Train 3 propane Area.</li><li>Started placement of structural concrete.</li><li>Started excavation for the hot oil sump.</li><li>Started underground piping installation in the Train 3 area.</li></ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"><li>Soil Stabilization</li><li>Continue pile driving activities.</li></ul>

March 20, 2014  
U.S. Department of Energy  
Ms. Larine Moore

**Table 1.**  
**Summary of Activities at the Sabine Pass Liquefaction Project During the Period of**  
**September 1, 2013 through February 28, 2014**

Area	Comments
OSBL	<ul style="list-style-type: none"><li>• Continue pile driving activities.</li><li>• Constructing pipe racks in the LNG Tank 3 and 5 areas.</li><li>• Constructing the marine flare.</li><li>• Continued constructing foundations and erecting structural steel.</li></ul>
Support Buildings Area	<ul style="list-style-type: none"><li>• Continued construction of the warehouse and control room.</li><li>• Continued constructing pipe racks in the Tank 3 and 5 areas.</li><li>• Constructed the marine flare.</li></ul>
Access Roads, Waterline	<ul style="list-style-type: none"><li>• Water trucks were operated for dust control, as necessary.</li><li>• Construction of access road from DBR to new parking.</li><li>• Completed construction of the main outfall structure on Duck Blind Road.</li></ul>
Laydown, Staging Areas	<ul style="list-style-type: none"><li>• Continued mixing for soil stabilization and began laying rock in the area north of Trains 3 and 4.</li></ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"><li>• Received and offload pile barges at the construction dock.</li><li>• Receiving and offloading heavy equipment at the Ro-Ro.</li><li>• Dredged SPLNG Marine berth and construction dock.</li></ul>

Please call me if you have any questions.

Sincerely,

*/s/ Karri Mahmoud*

Karri Mahmoud  
Sabine Pass Liquefaction, LLC

Sabine Pass Liquefaction, LLC  
DOE Semi-Annual Report  
DOE/FE Order Nos. 2833, 2961, and 3384  
FE Docket Nos. 10-85-LNG, 10-111-LNG, and 13-121-LNG

## Attachment A



Cheniere Energy, Inc.  
700 Milam Street, Suite 800  
Houston, Texas 77002  
phone: 713.375.5000  
fax: 713.375.6000

October 18, 2013

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
Monthly Construction Progress Report for Sabine Pass Liquefaction Project  
Docket Nos. CP11-72-000 & CP13-2-000**

Dear Ms. Bose:

On April 16, 2012, the Federal Energy Regulatory Commission ("FERC") issued an Order Granting Authorization under Section 3(a) of the Natural Gas Act ("April 16 Order") in the above-captioned docket. The Order authorizes Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC ("Sabine Pass") to site, construct, and operate the Sabine Pass Liquefaction Project at the Sabine Pass LNG Terminal, located in Cameron Parish, Louisiana. On August 2, 2013, the FERC issued an Order Amending Section 3 Authorization ("August 2 Order") for the Sabine Pass Modification Project.

Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for September 2013.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Thank you,

/s/ Karri Mahmoud

Karri Mahmoud  
Sabine Pass LNG, L.P.  
Sabine Pass Liquefaction, LLC

cc: Ms. Senth White, Federal Energy Regulatory Commission  
Ms. Karla Bell, Federal Energy Regulatory Commission  
Ms. Magdalene Suter, Federal Energy Regulatory Commission  
Mr. Stephen Kusy, Federal Energy Regulatory Commission

# **SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report**

**September 2013**

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report

**Table of Contents**

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety & Health Progress.....	4
4.0	Schedule.....	4
5.0	Construction.....	4
6.0	Permitting and Environmental.....	5
7.0	Progress Photos .....	6

## 1.0 Executive Summary

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of September, 2013. Stage 1 Engineering is now 79.2% complete; Procurement is 69.8%; Subcontract and direct hire construction work are 29.2% and 6.4% complete. Stage 1 overall project completion is 44.5%, against the plan of 43.8%. Stage 2 Engineering is now 18.7% complete; Procurement is 18.8%; Subcontract and direct hire construction work are 0.4% and 0.0% complete. The overall project completion is 10.3%, against the plan of 10.4%.

During September, Construction continued concrete and steel installation in ISBL Trains 1 and 2 and commenced lower steel erection in the cryo air coolers area. U/G pipe installation continued around Train 1, OSBL, and Revamp area. Aboveground pipe installation in propane condensers area is ahead of schedule.

The project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## 2.0 Project Highlights

In September, Engineering completed the IFC of Trains 2 P&ID's and underground ISO's for Trains 1 & 2. Engineering continues to progress the review of vendor prints, and the IFC releases of: AG isometrics for Train 1 & 2 and OSBL, foundations, structural steel, electrical cable tray, AG power plans, instrumentation location plans and junction box wiring diagrams. For Trains 3 & 4, Engineering completed client model review of the GTG area. Engineering continues to progress the review of vendor prints, and the IFC releases of: P&ID's, ELP's, piling and grounding drawings.

Procurement has continued award of purchase orders for Trains 1 & 2 as of the end of September. The 2nd shipment of columns/vessels is loading in South Korea, and the 1<sup>st</sup> shell & tube heat exchangers are ready to ship. Procurement continues to support construction activities at the jobsite through delivery of necessary civil and structural items. Procurement efforts on Trains 3 and 4 are progressing with purchase orders awards.

During the month of September, Subcontracts managed the following subcontracts for Trains 1 and 2: soil improvement, piling, field erected tanks and onsite concrete batch plant. A request for proposal was issued for the control room modifications subcontract package. The fire & gas detection, equipment insulation, O&M manual development and electric heat tracing bids are under evaluation. September subcontract awards were the pre- and post-weld heat treatment, heavy haul and building siding/roofing subcontract packages. For Trains 3 and 4, Subcontracts managed the subcontracts for piling. The busing and field erected tank bids are under evaluation.

Construction continues in Train 1 with installation of structural concrete, structural steel erection, and installation of underground and aboveground piping. Train 2 continues in a similar fashion with the installation of structural concrete and structural steel erection and installation of underground pipe. OSBL areas progressed structural foundations for piperacks and continued

installation of underground pipe. Soil stabilization and pile driving continues in OSBL after the FERC release of the northern OSBL areas.

### 3.0 Environmental, Safety & Health Progress

During the month of September, the project had 26 First-aid, 14 Near Miss, and 0 OSHA recordables.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	YTD	Month	YTD	Month	YTD	Month	YTD
Bechtel	11	50	26	124	0	4	0	0
Subcontractors	3	20	0	14	0	4	0	0
<b>Total</b>	<b>14</b>	<b>70</b>	<b>26</b>	<b>138</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>

### 4.0 Schedule

Overall Train 1 & 2 project progress is 44.5% complete against a plan of 43.8%. The project is slightly ahead of the target EPC schedule. Overall Train 3 & 4 project progress is 10.3% complete against a plan of 10.4%.

### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area - Train 1	<ul style="list-style-type: none"> <li>• Continue concrete and steel installation in ISBL Train 1.</li> <li>• Installing lower steel erection in the cryo air coolers area.</li> <li>• Continue U/G pipe installation around Train 1, OSBL, and Revamp area.</li> <li>• Completed installation of above ground pipe in Train 1 - Area 131N and Revamp - Areas 101R01 and 102R01.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue erection of structural steel.</li> <li>• Continue installation of underground piping.</li> </ul>
Liquefaction Stage 1 Area - Train 2	<ul style="list-style-type: none"> <li>• Continue concrete and steel installation in ISBL Train 2.</li> <li>• Continued field fabrication of underground pipe.</li> <li>• Completed foundations in the cryo-rack.</li> <li>• Continue structural steel erection propane condenser area.</li> <li>• Grounding connections and mudmats were poured in areas where pile work has completed.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue erection of structural steel.</li> </ul>



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 2 Area - Trains 3 & 4	<ul style="list-style-type: none"> <li>Continued mixing for soil stabilization in the Trains 3 and 4 areas.</li> </ul>	<ul style="list-style-type: none"> <li>Continue mixing for soil stabilization.</li> </ul>
Support Buildings Area	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>A water truck was operated for dust control, as necessary, throughout the site.</li> <li>Continue constructing the main outfall on Duck Blind Road.</li> </ul>	<ul style="list-style-type: none"> <li>Dust control will continue.</li> <li>Construction of outfall will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>Subcontractors continue to mobilize personnel and equipment to the site.</li> <li>Continued pile driving activities.</li> </ul>	<ul style="list-style-type: none"> <li>Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>Continued to receive and offload pile barges at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

- No permits or approvals were issued during the month of September.
- The next scheduled FERC Inspection is scheduled for November 19, 2013.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections:

Agency	Name	Date	Location/Activity
FERC	Steven Kusy	09/24/13	Construction inspection

### Proposed Changes to Schedule or Scope:

None.

## 7.0 Progress Photos



*Train 1 131A01 (compressor area ethylene shoring) (12-Sep-2013)*



*Train 1 131C01 (amine underground pipe) (18-Sep-2013)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report



*Train 1 131D01 (cryo air coolers piperack) (24-Sep-2013)*



*Train 1 131K (dehydration mercury removal) (24-Sep-2013)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report



*Train 2 132A01 (compressor area columns) (24-Sep-2013)*



*Train 2 132F01 (inlet gas and fuel gas) (24-Sep-2013)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report



*Train 2 132J01 (propane refrigeration) (24-Sep-2013)*



*Train 2 132U (FW underground pipe) (19-Sep-2013)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
September 2013 Monthly Progress Report



*OSBL 135C01 (utilities waste water and solvent storage) (23-Sep-2013)*



*OSBL 135J01 (refrigerant storage) (12-Sep-2013)*

November 20, 2013

Fulbright & Jaworski LLP  
666 Fifth Avenue, 31st Floor  
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United States

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**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
Monthly Construction Progress Report for Sabine Pass Liquefaction Project  
Docket Nos. CP11-72-000 & CP13-2-000**

Dear Ms. Bose:

On April 16, 2012, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Granting Authorization under Section 3(a) of the Natural Gas Act (“April 16 Order”) in Docket No. CP11-72-000. The April 16 Order authorizes Sabine Pass LNG, L.P., and Sabine Pass Liquefaction, LLC (together, “Sabine Pass”) to site, construct, and operate the Sabine Pass Liquefaction Project at the Sabine Pass LNG Terminal, located in Cameron Parish, Louisiana. On August 2, 2013, the FERC issued an Order Amending Section 3 Authorization (“August 2 Order”) in Docket No. CP13-2-000 for the Sabine Pass Modification Project.

Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for October 2013.

Pursuant to Condition 52 in Appendix D of the April 16 Order, and Condition 39 of the August 2 Order, Sabine Pass is herein submitting a deficiency report (**Privileged and Confidential Information—DO NOT RELEASE**) that includes proprietary commercial information and competitively sensitive engineering and design information, and has accordingly been marked “Privileged and Confidential Information—DO NOT RELEASE.” In accordance with 18 C.F.R. § 388.112, Sabine Pass requests that the Commission treat the information contained in deficiency report as privileged and confidential information, and that such information not be released to the public. Questions regarding this request for privileged and confidential treatment should be directed to the undersigned.

Should you have any questions about this filing, please feel free to contact the undersigned at (212) 318-3147.

Respectfully Submitted,

/s/ Tania S. Perez  
Lisa M. Tonery  
Tania S. Perez  
Charley R. Scott  
*Attorneys for Sabine Pass LNG, L.P.,  
and Sabine Pass Liquefaction, LLC*

# **SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report  
October 2013**



**Sabine Pass LNG L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013**

**Table of Contents**

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety & Health Progress.....	4
4.0	Schedule.....	4
5.0	Construction.....	4
6.0	Permitting and Environmental.....	5
7.0	Progress Pictures.....	6

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013**

## **1.0 Executive Summary**

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of October, 2013. Stage 1 Engineering is now 83.2% complete; Procurement is 73.2%; Subcontract and direct hire construction work are 29.8% and 9.1% complete. Stage 1 overall project completion is 47.4%, against the plan of 48.4%. Stage 2 Engineering is now 25.3% complete; Procurement is 22.6% complete; Subcontract and direct hire construction work are 1.3% and 0.0% complete. The overall project completion is 12.8% against the plan of 12.7%.

During October the first shipment of columns/vessels arrived. Construction in Train 1 continued with installation of structural concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding and started placement of area paving, installation of cable tray and mechanical equipment installation. Train 2 continued installation of structural concrete, structural steel erection and installation of underground pipe. The OSBL/Revamp area continued structural concrete, structural steel erection, electrical grounding and installation of both above-ground and underground piping. Soil stabilization and pile driving continued in OSBL. Pile driving continued in Train 3.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## **2.0 Project Highlights**

In October, engineering completed Train 1 and 2 model reviews, completed the IFC of Stage 1 underground ISO's and grounding drawings. Engineering progressed above-ground ISO production with nearly 12,000 ISOs released through October. For Stage 2, engineering completed the IFC of all Train 3 and OSBL P&ID's, pile location drawings for Train 3 and 30% model review for the GTG's.

Procurement had the first shipment of columns/vessels arrive from South Korea, and the first shell & tube heat exchangers shipped. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items. Procurement efforts on Trains 3 and 4 are progressing with purchase orders awards.

During the month of October, Subcontracts managed the following major subcontracts for Trains 1 and 2: soil improvement, pile fabrication and installation, field erected tanks, onsite concrete batch plant and permanent telecommunications. October awards included fire & gas detection, equipment insulation and O&M manual development subcontracts. For Trains 3 and 4, Subcontracts managed the subcontract for pile fabrication and installation.

Construction in Train 1 continued with installation of structural concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding and started placement of area paving, installation of cable tray and mechanical equipment installation. Train 2 continued installation of structural concrete, structural steel erection and installation of underground pipe. The OSBL/Revamp area continued structural concrete, structural steel erection, electrical grounding and installation of both above-ground and underground piping. Soil stabilization and pile driving continued in OSBL.

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013**

### 3.0 Environmental, Safety & Health Progress

During the month of October, the project had 32 First-Aid, 25 Near Miss, and 1 OSHA Recordable.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	YTD	Month	YTD	Month	YTD	Month	YTD
Bechtel	20	70	31	155	0	4	0	0
Subcontractors	5	25	1	15	1	5	0	0
<b>Total</b>	<b>25</b>	<b>95</b>	<b>32</b>	<b>170</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>0</b>

### 4.0 Schedule

Overall Train 1 and 2 project progress is 47.4% complete against a plan of 46.5%. The project is slightly ahead of the target EPC schedule. Overall Train 3 & 4 project progress is 12.8% complete against a plan of 12.7% complete.

### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue constructing Train 2.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue constructing Train 2.</li> </ul>
Liquefaction Stage 2 Area – Trains 3 and 4	<ul style="list-style-type: none"> <li>Soil Stabilization</li> <li>Pile driving activities within Train 3.</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving in Train 3.</li> </ul>
Support Buildings Area	<ul style="list-style-type: none"> <li>Continued construction of the warehouse and control room.</li> </ul>	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>Construction of the main outfall structure on Duck Blind Road.</li> <li>Water trucks were operated for dust control, as necessary, throughout the site.</li> </ul>	<ul style="list-style-type: none"> <li>Continue outfall construction, and turnover for completion.</li> <li>Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>Mobilized personnel and equipment to the site.</li> <li>Continued mixing for soil stabilization and began laying rock in the area north of Trains 3</li> </ul>	<ul style="list-style-type: none"> <li>Contractors will continue to mobilize personnel and equipment.</li> <li>Continue driving piles in OSBL areas.</li> </ul>

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013**

Area	Comments	Planned Work for Next Reporting Period
	and 4.	
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload pile barges at the construction dock.</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

- FERC approval to proceed with construction of Stage 1 HRU equipment October 9, 2013.
- FERC approval to proceed with construction of Stage 2 Underground Pipe and Structural steel October 29, 2013.
- The next scheduled FERC Inspection is scheduled for November 19, 2013.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None			

### Proposed Changes to Schedule or Scope:

None.

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013

7.0 Progress Pictures



*Train 1 (compressor area ethylene tabletop) (24-Oct-2013)*



*Train 1 (cryo-rack piperack) (24-Oct-2013)*

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013**



*Train 1 (dehydration mercury removal) (22-Oct-2013)*



*Train 1 (HRU unit 17) (18-Oct-2013)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013



*Train 2 (compressor columns) (22-Oct-2013)*



*Train 2 (compressor columns) (24-Oct-2013)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
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October 2013



*Train 2 (AGRU coolers/pipe rack) (22-Oct-2013)*



*Train 2 (dehydration mercury removal) (24-Oct-2013)*



Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
October 2013



*OSBL (refrigerant storage) (24-Oct-2013)*



*Revamp area (North-South piperack tank S-103) (24-Oct-2013)*



Cheniere Energy, Inc.  
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December 20, 2013

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**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
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Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for November 2013.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Thank you,

/s/ Karri Mahmoud

Karri Mahmoud  
Sabine Pass LNG, L.P.  
Sabine Pass Liquefaction, LLC

cc: Ms. Senth White, Federal Energy Regulatory Commission  
Ms. Karla Bell, Federal Energy Regulatory Commission  
Ms. Magdalene Suter, Federal Energy Regulatory Commission  
Mr. Stephen Kusy, Federal Energy Regulatory Commission

# **SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report  
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**Table of Contents**

1.0	Executive Summary.....	1
2.0	Project Highlights .....	1
3.0	Environmental, Safety & Health Progress.....	2
4.0	Schedule.....	2
5.0	Construction.....	2
6.0	Permitting and Environmental.....	3
7.0	Progress Pictures.....	4

**Sabine Pass LNG L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013**

## **1.0 Executive Summary**

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of November, 2013. Stage 1 Engineering is 88.1% complete, Procurement is 77.7%, and Subcontract and direct hire Construction work are 30.5% and 11.2% complete, respectively, for the period. Stage 1 overall project completion is 50.7% against the plan of 51.8%. Stage 2 Engineering is now 33.2% complete, Procurement is 25.8%, and Subcontract and direct hire Construction work are 3.5% and 0.0% complete, respectively. Overall project completion for Stage 2 is 15.3% against the plan of 15.0%.

During November, amine and hot oil sump pumps, debutanizer and heavies removal reflux drums and pumps, control valves, pressure regulators, regenerator boilers and ethylene surge drums were received at the Site. Construction in Train 1 continued with installation of structural concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding, installation of cable trays and mechanical equipment installation. Train 2 progressed with installation of structural concrete, structural steel erection, electrical grounding and installation of underground pipe; installation of aboveground pipe was begun. Activities in the Stage 1 OSBL area focused on structural concrete work, structural steel erection, electrical grounding, installation of underground pipe, and commencement of aboveground pipe installation. Pile driving continued for Train 3.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## **2.0 Project Highlights**

In November, engineering completed the following Stage 1 IFC releases: Train 1 AG Pipe ISO's, tie-in packages, area paving, above ground electrical power plans for Train 1, and instrument index. For Stage 2, engineering completed the IFC release of: Train 4 ELP's, Train 4 P&ID's, piling for Train 3, U/G Pipe Isometric drawings for Train 3 and commenced 90% model reviews.

The second shipment of columns/vessels has arrived at the Port of Houston, and the Train 1 compressor sub-station buildings have been collected from the vendor. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items. Procurement efforts on Trains 3 and 4 are progressing.

During the month of November, Subcontracts managed the following major subcontracts for Trains 1 and 2: soil improvement, pile fabrication and installation, field erected tanks, onsite concrete batch plant, permanent telecommunications, and equipment insulation. For Trains 3 and 4, Subcontracts managed the subcontract for pile fabrication and installation. Rain and wet conditions slowed progress in Area 7B and 9.

Construction in Train 1 continued structural concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding, installation of cable tray and mechanical equipment installation. Train 2 progressed with installation of structural concrete, structural steel erection, electrical grounding and installation of underground pipe and started aboveground pipe. The OSBL area is focused on structural concrete work, structural steel erection, electrical grounding, installation of underground pipe and started aboveground pipe. Soil stabilization, pile driving and field erected tanks continued in OSBL area. Rain and wet conditions slowed progress in OSBL and revamp. The revamp area targeted structural concrete

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013**

work, structural steel erection, underground and aboveground piping and electrical cable installation.

### 3.0 Environmental, Safety & Health Progress

During the month of November, the project had 23 First-Aid, 11 Near Miss, and 1 OSHA Recordable.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	YTD	Month	YTD	Month	YTD	Month	YTD
Bechtel	9	67	20	173	1	5	0	0
Subcontractors	2	23	3	18	0	5	0	0
<b>Total</b>	<b>11</b>	<b>90</b>	<b>23</b>	<b>191</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>0</b>

\*During a review of the ES&H tracking system, it was determined that some incidents were recorded incorrectly in the October Monthly report. This error has been corrected for this November 2013 Report and is the basis for future reporting periods.

### 4.0 Schedule

Overall Train 1 & 2 project progress is 50.7% complete against a plan of 51.8%. Overall Train 3 & 4 project progress is 15.3 % complete against a plan of 15.0 % complete.

The Stage 1 October, 2013 Report incorrectly reported Total planned progress for Procurement and Project Total Progress as 70.8% and 46.5%, respectively. The correct planned progress for these activities was 74.9% and 48.4%. Actual Progress was correctly reported.

Stage 1 Procurement delays are due to equipment (thermal oxidizers, air compressors and regen gas compressors) being held at vendor shops to minimize equipment storage at Site. There has been no impact on construction progress as a result of delaying shipment of this equipment.

### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 1 construction.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 2 construction.</li> </ul>
Liquefaction Stage 2 Area – Trains 3 and 4	<ul style="list-style-type: none"> <li>Soil Stabilization</li> <li>Pile driving activities within Train 3.</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving in Train 3.</li> </ul>

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013**

Area	Comments	Planned Work for Next Reporting Period
Support Buildings Area	<ul style="list-style-type: none"> <li>• Continued construction of the warehouse and control room.</li> <li>• Continued constructing pipe racks in the Tank 3 and 5 areas.</li> <li>• Continued constructing the marine flare.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue warehouse and control room work.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Completed construction of the main outfall structure on Duck Blind Road.</li> <li>• Water trucks were operated for dust control, as necessary, throughout the site.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Continued mixing for soil stabilization and began laying rock in the area north of Trains 3 and 4.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> <li>• Construct the short access road to additional approved workspaces.</li> <li>• Continue driving piles in OSBL areas.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload pile barges at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

- The FERC Inspection was conducted on November 19, 2013.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None			

### Proposed Changes to Schedule or Scope:

None.

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013

7.0 Progress Pictures



*Train 1 (cryo air coolers piperack) (18-Nov-2013)*



*Train 1 (dehydration mercury removal) (7-Nov-2013)*



Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013



*Train 1 (propane condenser) (18-Nov-2013)*



*Train 2 (compressor area shoring) (18-Nov-2013)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013



*Train 2 (thermal oxidizer) (8-Nov-2013)*



*Train 2 (propane condensers) (5-Nov-2013)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013



*Train 2 (propane condensers first AG pipe) (15-Nov-2013)*



*Train 2 (propane refrigeration) (15-Nov-2013)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
November 2013



*OSBL Refrigerant Storage 18-Nov-2013*



*OSBL (pipe rack utilities) (18-Nov-2013)*



Cheniere Energy, Inc.  
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fax: 713.375.6000

January 22, 2014

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
Monthly Construction Progress Report for Sabine Pass Liquefaction Project  
Docket Nos. CP11-72-000 & CP13-2-000**

Dear Ms. Bose:

On April 16, 2012, the Federal Energy Regulatory Commission ("FERC") issued an Order Granting Authorization under Section 3(a) of the Natural Gas Act ("April 16 Order") in the above-captioned docket. The Order authorizes Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC ("Sabine Pass") to site, construct, and operate the Sabine Pass Liquefaction Project at the Sabine Pass LNG Terminal, located in Cameron Parish, Louisiana. On August 2, 2013, the FERC issued an Order Amending Section 3 Authorization ("August 2 Order") for the Sabine Pass Modification Project.

Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for December 2013.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Respectfully submitted,

/s/ Karri Mahmoud

Karri Mahmoud  
Sabine Pass LNG, L.P.  
Sabine Pass Liquefaction, LLC

cc: Ms. Senth White, Federal Energy Regulatory Commission  
Ms. Karla Bell, Federal Energy Regulatory Commission  
Ms. Magdalene Suter, Federal Energy Regulatory Commission  
Mr. Stephen Kusy, Federal Energy Regulatory Commission

# **SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report  
December 2013**

**Sabine Pass LNG L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013**

**Table of Contents**

1.0	Executive Summary.....	1
2.0	Project Highlights .....	1
3.0	Environmental, Safety & Health Progress.....	2
4.0	Schedule.....	2
5.0	Construction.....	2
6.0	Permitting and Environmental.....	3
7.0	Progress Pictures.....	4

**Sabine Pass LNG L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013**

## **1.0 Executive Summary**

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of December, 2013. Stage 1 Engineering is 90.7% complete, Procurement is 82.9%, and Subcontract and direct hire Construction work are 30.5% and 12.9% complete, respectively, for the period. Stage 1 overall project completion is 53.9% against the plan of 56.3%. Stage 2 Engineering is now 37.6% complete, Procurement is 35.2%, and Subcontract and direct hire Construction work are 7.8% and 0.0% complete, respectively. Overall project completion for Stage 2 is 20.4% against the plan of 17.4%.

During December, the Train 1 compressor sub-station buildings were delivered to the site, along with the first two ethylene storage drums. Train 1 construction progress included work on structural and paving concrete, structural steel erection, and the installation of underground and aboveground piping, electrical grounding, cable tray and mechanical equipment. Train 2 construction progress included work on structural and paving concrete, structural steel erection, electrical grounding and the installation of underground and aboveground pipe. Delivery of Train 2 Propane Condensers is complete. Pile driving continued for Train 3.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## **2.0 Project Highlights**

In December, engineering completed Stage 1 model reviews and the IFC of Stage 1 U/G ISO's and grounding. For Stage 2, engineering completed the IFC of all Train 3 and OSBL P&ID's, piling for Train 3 and 90% OSBL model reviews for areas as noted in the engineering progress section.

The Train 1 compressor sub-station buildings were delivered to site, along with the first two ethylene storage drums. The heavy wall vessels for Train 1 shipped, as have the compressor sub-station buildings for Train 2. Delivery of the Train 2 propane condensers is complete. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items. Procurement efforts on Trains 3 and 4 are progressing with most purchase orders awarded.

During the month of December, Subcontracts managed the following major subcontracts for Trains 1 and 2: soil improvement, pile fabrication and installation, field erected tanks, onsite concrete batch plant, offsite equipment insulation and permanent telecommunications. The heavy lift contract was awarded. For Trains 3 and 4, Subcontracts managed the subcontract for pile fabrication and installation. The field erected tank contract was awarded.

Construction in Train 1 continued working in structural and paving concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding, cable tray and mechanical equipment. Train 2 continued working in structural and paving concrete, structural steel erection, electrical grounding and installation of underground and aboveground pipe. Construction in the OSBL area continued with structural and paving concrete, structural steel erection, electrical grounding, installation of underground and aboveground pipe and started



**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013**

mechanical equipment installation. The Revamp area continued working structural concrete, structural steel erection, underground and aboveground piping and electrical cable.

### 3.0 Environmental, Safety & Health Progress

During the month of December, the project had 24 First-Aid, 12 Near Miss, and 1 OSHA Recordable.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	YTD	Month	YTD	Month	YTD	Month	YTD
Bechtel	9	76	23	196	1	6	0	0
Subcontractors	3	26	1	19	0	5	0	0
<b>Total</b>	<b>12</b>	<b>102</b>	<b>24</b>	<b>215</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>0</b>

### 4.0 Schedule

Overall Train 1 & 2 project progress is 53.9% complete against a plan of 56.3%. Overall Train 3 & 4 project progress is 20.4 % complete against a plan of 17.4 % complete.

### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 1 construction.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 2 construction.</li> </ul>
Liquefaction Stage 2 Area – Trains 3 and 4	<ul style="list-style-type: none"> <li>Soil Stabilization</li> <li>Pile driving activities within Train 3.</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving in Train 3.</li> </ul>
Support Buildings Area	<ul style="list-style-type: none"> <li>Continued construction of the warehouse and control room.</li> <li>Continued constructing pipe racks in the Tank 3 and 5 areas.</li> <li>Continued constructing the marine flare.</li> </ul>	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>

**Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013**

Area	Comments	Planned Work for Next Reporting Period
Access Roads, Waterline	<ul style="list-style-type: none"> <li>• Completed construction of access road from DBR to new parking.</li> <li>• Water trucks were operated for dust control, as necessary.</li> </ul>	<ul style="list-style-type: none"> <li>• Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>• Continued mixing for soil stabilization and began laying rock in the area north of Trains 3 and 4.</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will continue to mobilize personnel and equipment.</li> <li>• Continue driving piles in OSBL areas.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>• Received and offload pile barges at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

- None.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None			

### Proposed Changes to Schedule or Scope:

None.

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013

7.0 Progress Pictures



*Train 1 (compressor area shoring removal)*



*Train 1 (compressor substation)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013



*Train 1 (cryo air coolers piperack AG pipe)*



*Train 2 (compressor propane tabletop)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013



*Train 2 (thermal oxidizer)*



*Train 2 (amine)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013



*Train 2 (HRU unit paving)*



*OSBL (instrument air plant air A/G pipe)*

Sabine Pass LNG, L.P. and  
Sabine Pass Liquefaction, LLC  
Monthly Progress Report  
December 2013



*OSBL (utility substation emergency generator)*



*OSBL (refrigerant storage)*



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February 20, 2014

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
Monthly Construction Progress Report for Sabine Pass Liquefaction Project  
Docket Nos. CP11-72-000 & CP13-2-000**

Dear Ms. Bose:

On April 16, 2012, the Federal Energy Regulatory Commission ("FERC") issued an Order Granting Authorization under Section 3(a) of the Natural Gas Act ("April 16 Order") in the above-captioned docket. The Order authorizes Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC ("Sabine Pass") to site, construct, and operate the Sabine Pass Liquefaction Project at the Sabine Pass LNG Terminal, located in Cameron Parish, Louisiana. On August 2, 2013, the FERC issued an Order Amending Section 3 Authorization ("August 2 Order") for the Sabine Pass Modification Project.

Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for January 2014.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Thank you,

/s/ Karri Mahmoud

Karri Mahmoud  
Sabine Pass LNG, L.P.  
Sabine Pass Liquefaction, LLC

cc: Ms. Senth White, Federal Energy Regulatory Commission  
Ms. Karla Bell, Federal Energy Regulatory Commission  
Ms. Magdalene Suter, Federal Energy Regulatory Commission  
Mr. Stephen Kusy, Federal Energy Regulatory Commission



**SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report**

**January 2014**

**Table of Contents**

1.0	Executive Summary.....	3
2.0	Project Highlights .....	3
3.0	Environmental, Safety & Health Progress.....	4
4.0	Schedule .....	4
5.0	Construction.....	4
6.0	Permitting and Environmental.....	5
7.0	Progress Pictures.....	6

## **1.0 Executive Summary**

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of January 2014. Stage 1 Engineering is 92.6% complete, Procurement is 86.9%, and Subcontract and direct hire Construction work are 32.4% and 15.7% complete, respectively, for the period. Stage 1 overall project completion is 57.1% against the plan of 59.0%. Stage 2 Engineering is now 42.3% complete, Procurement is 36.6%, and Subcontract and direct hire Construction work are 8.9% and 0.0% complete, respectively. Overall project completion for Stage 2 is 21.6% against the plan of 20.1%.

During January, Train 1 construction progress included work on structural and paving concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding, cable tray and mechanical equipment. Train 2 construction progress included work on structural and paving concrete, structural steel erection, electrical grounding, and installation of underground and aboveground pipe. Also, Train 2 Compressor Sub-station Buildings arrived at site, along with the air compressors, the 2nd & 3rd shipments of Doosan vessels, and major components of the wet, dry, and marine flares. Pile driving was completed in Train 3 and began in Train 4.

Actual project progress continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## **2.0 Project Highlights**

In January, Engineering completed issuing Stage 1 ISO's and commenced DCS/SIS FAT. For Stage 2, Engineering completed all OSBL 90% model reviews, Train 4 piling, and Train 3 foundations.

The Train 2 Compressor Sub-station Buildings were delivered to site, along with the air compressors, the 2nd & 3rd shipments of Doosan vessels, and major components of the wet / dry, and marine flares. The heavy wall vessels for Train 2 shipped, as have the regeneration gas compressors, and the Train 1 CO2 absorber. Procurement continued to support construction activities at the jobsite through delivery of piping and structural items.

During the month of January, Subcontracts managed the following major subcontracts for Trains 1 and 2: soil improvement, pile fabrication and installation, field erected tanks, onsite concrete batch plant, offsite equipment insulation, permanent telecommunications, and fire/gas detection. The Control Building remodel and the erection / supervision services for the refrigeration compressor subcontracts were awarded. For Trains 3 and 4, Subcontracts managed pile fabrication and installation, and field erected tanks. Busing of craft workers to reduce traffic began.

Construction in Train 1 continued work on structural and paving concrete, structural steel erection, installation of underground and aboveground piping, electrical grounding, cable tray and mechanical equipment. Train 2 continued work on structural and paving concrete, structural steel erection, electrical grounding, and installation of underground and aboveground pipe. Construction in the OSBL area continued work on structural and paving concrete, structural steel erection, electrical grounding, installation of underground and aboveground pipe, and mechanical equipment installation. The Revamp area continued work on structural concrete, structural steel erection, underground and aboveground piping, and electrical cable.

Construction in Train 3 began with minor concrete works in area 233N01 (propane condenser rack).

### 3.0 Environmental, Safety & Health Progress

During the month of January, the project had 38 first aid, 12 near miss, and 1 OSHA recordable.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>
Bechtel	12	88	37	233	1	7	0	0
Subcontractors	0	26	1	20	0	5	0	0
<b>Total</b>	<b>12</b>	<b>114</b>	<b>38</b>	<b>253</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>0</b>

<sup>1</sup> ITD = Project totals reflect inception to date and are combined for Stage 1 &2.

### 4.0 Schedule

Overall, Train 1 & 2 project progress is 57.1% complete against a plan of 59.0%. Overall Train 3 & 4 project progress is 21.6 % complete against a plan of 20.1 % complete.

### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Continued installing mechanical equipment.</li> <li>Continued installing electrical cable tray in the propane condenser rack.</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 1 construction.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 2 construction.</li> </ul>
Liquefaction Stage 2 Area – Trains 3 and 4	<ul style="list-style-type: none"> <li>Soil Stabilization</li> <li>Completed pile driving activities within Train 3, continue activities within Train 4 and OSBL.</li> <li>Started placement of the seal slab in the Train 3 propane Area</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving.</li> </ul>

Area	Comments	Planned Work for Next Reporting Period
Support Buildings Area	<ul style="list-style-type: none"> <li>Continued construction of the warehouse and control room.</li> <li>Continued constructing pipe racks in the Tank 3 and 5 areas.</li> <li>Continued constructing the marine flare.</li> </ul>	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>Water trucks were operated for dust control, as necessary.</li> </ul>	<ul style="list-style-type: none"> <li>Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>Continued mixing for soil stabilization and began laying rock in the area north of Trains 3 and 4.</li> </ul>	<ul style="list-style-type: none"> <li>Contractors will continue to mobilize personnel and equipment.</li> <li>Continue driving piles in OSBL areas.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>Received and offload pile barges at the construction dock.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

None.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Steve Kusy	01/15/2014	Liquefaction/All

### Proposed Changes to Schedule or Scope:

None.

## 7.0 Progress Pictures



*Train 1 131A01 (compressor tabletop shoring removal complete) (21-Jan-2014)*



*Train 1 131A02 (compressor substation inside) (23-Jan-2014)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
January 2014 Monthly Progress Report



*Train 1 131D01 (cryo air coolers piperack) (15-Jan-2014)*



*Train 1 131L01 (hot oil surge drum and sump) (15-Jan-2014)*

Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
January 2014 Monthly Progress Report



*Train 1 131N01 (propane condenser subcooler stack) (15-Jan-2014)*



*Train 2 132A01 (compressor propane and ethylene tabletops) (23-Jan-2014)*



Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
January 2014 Monthly Progress Report



*Train 2 132A02 (compressor substation) (23-Jan-2014)*



*Train 2 132B01 (thermal oxidizer) (23-Jan-2014)*



*OSBL 135E01 (BOG compressor nitrogen drum) (23-Jan-2014)*



*OSBL 135R01 (piperack main N-S) (8-Jan-2014)*



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March 20, 2014

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC  
Monthly Construction Progress Report for Sabine Pass Liquefaction Project  
Docket Nos. CP11-72-000 & CP13-2-000**

Dear Ms. Bose:

On April 16, 2012, the Federal Energy Regulatory Commission ("FERC") issued an Order Granting Authorization under Section 3(a) of the Natural Gas Act ("April 16 Order") in the above-captioned docket. The Order authorizes Sabine Pass LNG, L.P. and Sabine Pass Liquefaction, LLC ("Sabine Pass") to site, construct, and operate the Sabine Pass Liquefaction Project at the Sabine Pass LNG Terminal, located in Cameron Parish, Louisiana. On August 2, 2013, the FERC issued an Order Amending Section 3 Authorization ("August 2 Order") for the Sabine Pass Modification Project.

Pursuant to Condition 7 in Appendix D of the April 16 Order, and Condition 7 of the August 2 Order, Sabine Pass is herein submitting its monthly construction progress report for February 2014.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Thank you,

/s/ Karri Mahmoud

Karri Mahmoud  
Sabine Pass LNG, L.P.  
Sabine Pass Liquefaction, LLC

cc: Ms. Senth White, Federal Energy Regulatory Commission  
Ms. Karla Bathrick, Federal Energy Regulatory Commission  
Ms. Magdalene Suter, Federal Energy Regulatory Commission  
Mr. Stephen Kusy, Federal Energy Regulatory Commission

**SABINE PASS LIQUEFACTION PROJECT**

**Cameron Parish, Louisiana**

**Monthly Progress Report**

**February 2014**

**Table of Contents**

1.0	Executive Summary .....	3
2.0	Project Highlights.....	3
3.0	Environmental, Safety & Health Progress .....	3
4.0	Schedule .....	4
5.0	Construction .....	4
6.0	Permitting and Environmental .....	5
7.0	Progress Pictures .....	6

## **1.0 Executive Summary**

This report covers activities of the SPL Stage 1 and SPL Stage 2 projects occurring during the month of February 2014. Stage 1 Engineering is 94.4% complete, Procurement is 91.4%, and Subcontract and direct hire Construction work are 37.1% and 18.6% complete, respectively, for the period. Stage 1 overall project completion is 60.8% against the plan of 63.6%.

Stage 2 Engineering is now 48.1% complete, Procurement is 38.1%, and Subcontract and direct hire Construction work are 12.0% and 0.4% complete, respectively. Overall project completion for Stage 2 is 23.3% against the plan of 22.3%.

Actual project progress and current recovery plans continues to support the achievement of the scheduled Substantial Completion Dates for Trains 1 and 2, which remain as February 2016 and June 2016, respectively. Trains 3 and 4 Substantial Completion Dates are April 2017 and August 2017.

## **2.0 Project Highlights**

In February, Stage 1 engineering is complete and is in punch list mode. For Stage 2, engineering completed the IFC of all Train 3 ISOs.

The Train 1 heavy wall vessels and the propane substation building have arrived at Site. The 1st set of refrigeration compressors are in transit and will arrive in March, as will the BOG compressors and the first shipments of air coolers for the Train 1 cryo rack. First structural steel for Train 3 was delivered to site in February. Procurement continues to support construction activities at the jobsite through delivery of piping and structural items.

During the month of February, Subcontracts managed the following major subcontracts for Trains 1 and 2: soil improvement, field erected tanks, onsite concrete batch plant, offsite equipment insulation, permanent telecommunications, and fire/gas detection. The electric heat tracing subcontract was awarded. For Trains 3 and 4, Subcontracts managed efforts for pile fabrication and installation, field erected tanks, and busing.

Construction in Train 1 continued in structural and paving concrete, structural steel erection, and installation of underground and aboveground piping, electrical grounding, cable tray and mechanical equipment. Train 2 work continued in structural and paving concrete, structural steel erection, electrical grounding, and installation of underground and aboveground pipe. Construction in the OSBL area continued with structural and paving concrete, structural steel erection, electrical grounding, installation of underground and aboveground pipe, and mechanical equipment installation. The Revamp area continued in structural concrete, structural steel erection, underground and aboveground piping, and electrical cable.

Construction in Train 3 continues with concrete works in area 233N01 and Train 3 underground piping. Seal slabs have been poured in area 233A01 and 233D01 and excavation was done for the hot oil sump.

## **3.0 Environmental, Safety & Health Progress**

During the month of February, the project had 34 first aid, 18 near misses, and 1 OSHA recordable.

	Near Miss Cases		First Aid		OSHA Cases		LWDC Cases	
	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>	Month	ITD <sup>1</sup>
Bechtel	18	106	34	267	1	8	0	0
Subcontractors	0	26	0	20	0	5	0	0
<b>Total</b>	<b>18</b>	<b>132</b>	<b>34</b>	<b>287</b>	<b>1</b>	<b>13</b>	<b>0</b>	<b>0</b>

<sup>1</sup> ITD = Project totals reflect inception to date and are combined for Stage 1 & 2.

#### 4.0 Schedule

Overall, Train 1 & 2 project progress is 60.8% complete against a plan of 63.6%. Overall Train 3 & 4 project progress is 23.3% complete against a plan of 22.3% complete.

#### 5.0 Construction

Area	Comments	Planned Work for Next Reporting Period
Liquefaction Stage 1 Area – Train 1	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Continued installing mechanical equipment.</li> <li>Continued installing electrical cable tray in the propane condenser rack.</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 1 construction.</li> </ul>
Liquefaction Stage 1 Area – Train 2	<ul style="list-style-type: none"> <li>Continued constructing foundations, erecting structural steel and installing above ground and underground piping.</li> <li>Installing mechanical equipment</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support Train 2 construction.</li> </ul>
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> <li>Placement of the seal slab in the Train 3 propane Area.</li> <li>Train 3 piles reached substantial completion.</li> <li>Started placement of structural concrete.</li> <li>Started excavation for the hot oil sump.</li> <li>Started underground piping installation in the Train 3 area.</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving.</li> <li>Continue activities to support Train 3 construction.</li> </ul>
Liquefaction Stage 2 Area – Trains 4	<ul style="list-style-type: none"> <li>Soil Stabilization</li> <li>Continue pile driving activities within Train 4 and OSBL.</li> </ul>	<ul style="list-style-type: none"> <li>Continue soil stabilization.</li> <li>Continue pile driving.</li> </ul>

Area	Comments	Planned Work for Next Reporting Period
OSBL	<ul style="list-style-type: none"> <li>Constructing pipe racks in the LNG Tank 3 and 5 areas.</li> <li>Constructing the marine flare.</li> <li>Continued constructing foundations and erecting structural steel.</li> </ul>	<ul style="list-style-type: none"> <li>Continue activities to support OSBL construction.</li> </ul>
Support Buildings Area	<ul style="list-style-type: none"> <li>Continued construction of the warehouse and control room.</li> <li>Continued constructing pipe racks in the Tank 3 and 5 areas.</li> <li>Continued constructing the marine flare.</li> </ul>	<ul style="list-style-type: none"> <li>Continue warehouse and control room work.</li> </ul>
Access Roads, Waterline	<ul style="list-style-type: none"> <li>Water trucks were operated for dust control, as necessary.</li> </ul>	<ul style="list-style-type: none"> <li>Dust control will continue.</li> </ul>
Laydown, Staging Areas	<ul style="list-style-type: none"> <li>Continued mixing for soil stabilization and began laying rock in the area north of Trains 3 and 4.</li> </ul>	<ul style="list-style-type: none"> <li>Contractors will continue to mobilize personnel and equipment.</li> </ul>
Construction Dock (Ro-Ro)	<ul style="list-style-type: none"> <li>Received and offload pile barges at the construction dock.</li> <li>Receiving and offloading heavy equipment at the Ro-Ro.</li> <li>Dredging occurred this period.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to receive pile barges.</li> </ul>

## 6.0 Permitting and Environmental

None.

### Summary of Problems, Non-Compliances, and Corrective Actions.

Date	Description
None.	

### Agency Contacts/Inspections

Agency	Name	Date	Location/Activity

### Proposed Changes to Schedule or Scope:

None.



## 7.0 Progress Pictures



*Train 1 131G02 (inlet gas-seal slab for paving) (24-Feb-2014)*



*Train 1 131K01 (dehydration mercury removal) (24-Feb-2014)*

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February 2014 Monthly Progress Report



*Train 1 131N01 (propane rack accumulator set) (20-Feb-2014)*



*Train 1 131N02 (propane substation) (24-Feb-2014)*

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February 2014 Monthly Progress Report



*Train 1 131N01 (set accumulator) (24-Feb-2014)*



*Train 2 132A01 (compressor methane tabletop) (27-Feb-2014)*

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February 2014 Monthly Progress Report



*Train 2 132A02 (compressor substation) (27-Feb-2014)*



*Train 2 132B01 (amine storage area and thermal oxidizer) (24-Feb-2014)*

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February 2014 Monthly Progress Report



*Train 2 131M01 (heavies removal unit paving) (13-Feb-2014)*



*OSBL 135F01 (water treatment area) (24-Feb-2014)*