McNeill, Catherine

From: PermitsMail
Sent: Wednesday, November 12, 2025 9:13 AM
To: McNeill, Catherine
Subject: FW: Tiber Oil Export System Pipeline, Enbridge, Consistency Review/Determination Request
Attachments: Tiber Oil ADEM Consistency Review Request Package Rev. 1.pdf; 01 Cover Sheet Executive Summary.pdf; 02 Procedural Narrative.pdf; 17 Rice's Whale Area Map - Tiber Oil Pipeline.pdf; 16 MAP OF TIBER PROJECT LOCATION PROX. TO MILITARY WARNING AREAS.pdf; 05 Onshore Base(s).pdf; 08 Certified Pipeline Plat Map - Tiber Oil.pdf

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From: Comeaux, Jude <jude.comeaux@powereng.com>
Sent: Tuesday, November 11, 2025 3:34 PM
To: PermitsMail <PermitsMail@adem.alabama.gov>
Cc: Ernie Ladkani <ernie.ladkani@enbridge.com>
Subject: Tiber Oil Export System Pipeline, Enbridge, Consistency Review/Determination Request

Dear ADEM Coastal Programs Staff,

Hello and good day.

On behalf of our client, Enbridge Offshore Facilities, LLC (Enbridge), we are hereby submitting a Consistency Review/Determination Request for activities located in the Outer Continental Shelf, Gulf of America. Provided is our cover letter outlining our specific request, location information, drawings and other supporting information which details the anticipated work, associated with the Tiber Oil Export System Pipeline.

We will provide separately the Consistency Certification once the Consistency Review commences. Also, please remit the invoice to so that we may pay the processing fee.

Please let me know if you have any questions.

Thank you in advance for your assistance with this request.

Sincerely,

Jude M. Comeaux
Senior Project Manager | Area Lead | Environmental Division
POWER Engineers, Inc., *Member of WSP*
337-303-3854 | Cell
225-590-3995 | Computer Phone

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POWER ENGINEERS, INC.
2341 SOUTH ACADIAN THRUWAY
SUITE 560
BATON ROUGE, LA 70808 USA

PHONE 225-590-3995

November 11, 2025

State of Alabama
Department of Environmental Management
Coastal Program

via email:permitsmail@adem.alabama.gov

RE: Coastal Zone Management Area, Consistency Review/Determination Request
Enbridge Offshore Facilities, LLC
Proposed Tiber Oil Export System Pipeline
Keathley Canyon Area Block 56 to Block 250, Gulf of America, Outer Continental Shelf

Dear Madame/Sir,

On behalf of our client, Enbridge Offshore Facilities, LLC (Enbridge), we are hereby submitting a Consistency Review/Determination Request for the above referenced activities located in the Outer Continental Shelf, of the Gulf of America. Attached to the request is location information, drawings and other supporting information which details the anticipated work.

Enbridge is planning to build, own and operate the Tiber Oil Export Pipeline system, consisting of an 18-inch Steel Catenary Riser (SCR) and 24-inch bi-directional pipeline, to export oil from the Tiber field in Keathley Canyon (KC) Area Block 56. This oil pipeline will be routed from the Tiber Floating Production Unit platform in KC 56 to the Kaskida Oil Pipeline ILS, in KC Area Block 250, approximately 56.8 miles in length. Enbridge has made application to the United States Department of the Interior, Bureau of Safety and Environmental Enforcement for a new pipeline right-of-way and associated segment number for the proposed Tiber Oil Pipeline – including 18-inch SCR, 24-inch pipeline, 20-inch Pipeline End Termination (PLET) and 20-inch jumper.

The subject pipeline activities would occur offshore of Louisiana, although the State of Louisiana (Port Fourchon, LA) and the State of Alabama (Mobile, AL) territorial waters would serve as shore base for the planned activities. Therefore, Enbridge hereby requests a consistency review / determination request of the proposed activities.

Please remit the Coastal Zone Management Consistency Fee invoice to my attention for remittance.

Should you have additional questions regarding this Consistency Review/Determination Request, or if additional information is required, please contact me 225-590-3995 (office), 337-303-3854 (cell) or by email at jude.comeaux@powereng.com. Thank you for your consideration in this matter.

Best Regards,

POWER Engineers, Inc.

Jude M. Comeaux
Senior Project Manager – Environmental

Attachments: Project related supporting documents

Copy: Enbridge

SAW 363 0254796 2025.11.11.2025 JC

PROCEDURAL NARRATIVE

BP is developing the Kaskida & Tiber Fields located in the US OCS waters in the Keathley Canyon (KC) area of central deep-water Gulf of America. The field comprises of a semi-submersible Floating Production Unit (FPU) which will receive production fluids from two subsea production/drill centers. The Tiber FPU will process the production fluids and export the processed oil and gas via a dedicated Tiber pipeline for the oil and a Tiber lateral for the gas to the Kaskida Oil Export Pipeline and the Kaskida Gas Export Pipeline, which tie-in to existing oil and gas networks, respectively.

The Tiber Oil Export Pipeline will initiate with an 18-inch Steel Catenary Riser (SCR) which will hang-off from the Tiber FPU in KC 56 and transition to a 24-inch pipeline after touchdown. The oil will flow via 24-inch pipeline to a PLET in KC 250 where it will tie into Kaskida oil pipeline via rigid jumper. The Tiber Oil Export Pipeline will be piggable.

The PLET will be a 2-hub design, which includes a spare hub to allow for future tie-in. A piggable wye will be utilized in the PLET in order to maintain piggability of the main line as well as the future tie-in. The PLET will be connected to the Kaskida pipeline via rigid jumper. The jumper will be “M”-type. The final welding/testing of the jumper will be performed based on metrology measurements taken after installation of the Tiber pipeline and PLET.

The offshore activities are scheduled to start on first quarter (1Q) 2027 for a period of approximately 215 days of activity.

1. Proposed pipeline construction installation window is first quarter (1Q) 2027 to 2Q 2028. The pipeline will be installed by conventional S-Lay method with a dynamically positioned pipeline installation vessel. The SCR will be “wet parked” on the seabed.
2. Proposed SCR recovery and hang-off from the FPU riser porch is approximately third quarter 2029. This operation will be performed by a dynamically positioned vessel by BP.
3. Proposed jumper installation date is approximately fourth quarter 2029. This will be installed using a dynamically positioned support vessel.
4. Base of operation for the construction activities will be Port Fourchon, LA for pipelay contractor and Mobile, AL for SCR hang-off contractor.
5. Time required to install pipeline:
    a. 2 weeks for SCR installation (wet park on seabed)
    b. 5 weeks for pipeline installation
    c. 7 days for SCR recovery and transfer/hang-off

COVER SHEET EXECUTIVE SUMMARY

Tiber Oil Export Pipeline

Tiber Oil Export Pipeline BSEE Right-of-Way Application

COVER SHEET EXECUTIVE SUMMARY

Enbridge Offshore Facilities, LLC ("Enbridge") is planning to build, own, and operate the Tiber Oil Export Pipeline system, consisting of an 18-inch SCR and 24-inch bidirectional pipeline from Tiber FPU platform in KC 56 (water depth approx. 4,091 feet) to the Kaskida Oil Pipeline ILS in Keathley Canyon block 250 (water depth approximately 5,843 ft).

Figure 1 provides a schematic of the Tiber Oil pipeline.

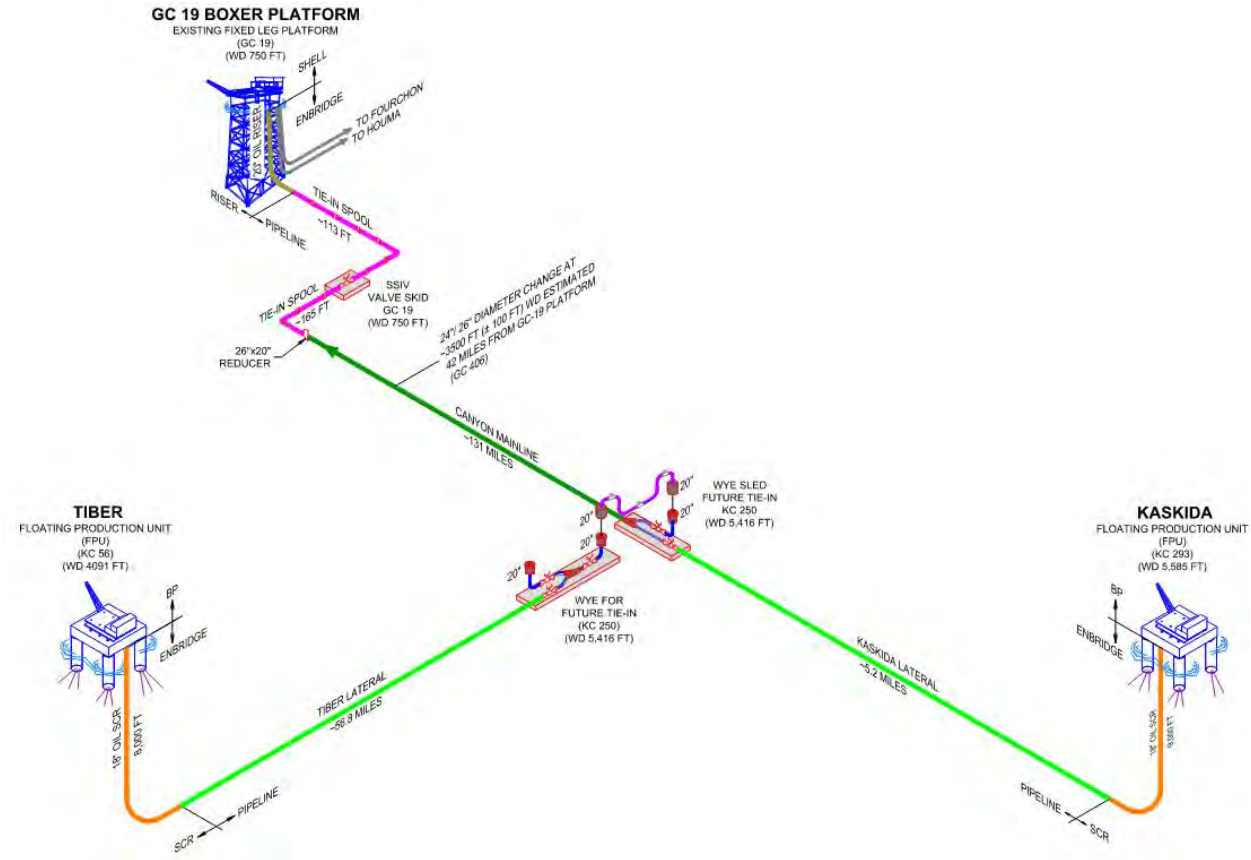

Figure 1 – Tiber Oil Pipeline Schematic

Enbridge is applying for a new pipeline right-of-way and associated segment number for the proposed Tiber Oil Pipeline – including 18" SCR, 24" pipeline, 20" PLET, and 20" jumper.

The battery limits of this segment are from the SCR hang-off on the Tiber FPU, through the pipeline, PLET, and ending at the jumper connector on the Tiber PLET. The horizontal distance from the SCR titanium stress joint on the FPU in its mean position to the SCR touchdown point is 2,380 ft. The water depth at the mean touchdown point is 4,080 ft. The starting point for the proposed BSEE Pipeline Right-of-Way is at the temporary laydown head flange location. Some particulars of interest are:

COVER SHEET EXECUTIVE SUMMARY

- The pipeline will be a DOT Right of Way (ROW) pipeline as defined in 30CFR250.1001
- The SCR consists of 18.000” OD x 1.100” WT API 5L X65 line pipe
- The pipeline consists of 24.000” OD x 1.188” WT API 5L X70 line pipe
- The PLET and jumper piping consist of 20.000” OD x 1.200” WT API 5L X65 line pipe
- The total length of the SCR, pipeline, and jumper is approximately 298,990.27 ft
- Maximum water depth is approximately 5,696 ft and minimum water depth is approximately 3,975 ft.
- System design pressure is 4,070 psi at 90 ft above MSL; minimum hydrotest pressure is 5,088 psi at same reference elevation
- There is 1 cable crossing, and 1 pipeline crossing expected
- The PLET structure will be installed on a mudmat

The Tiber Oil Pipeline has been designed in accordance with 30 CFR 250 (Subpart J), 49 CFR Part 195, and industry standards. The SCR has been designed in conformance with 30 CFR 250 (Subpart J), 49 CFR Part 195, and API RP 2RD. Figure 2 shows the applicability of various industry regulations, codes, and standards for this system.

COVER SHEET EXECUTIVE SUMMARY

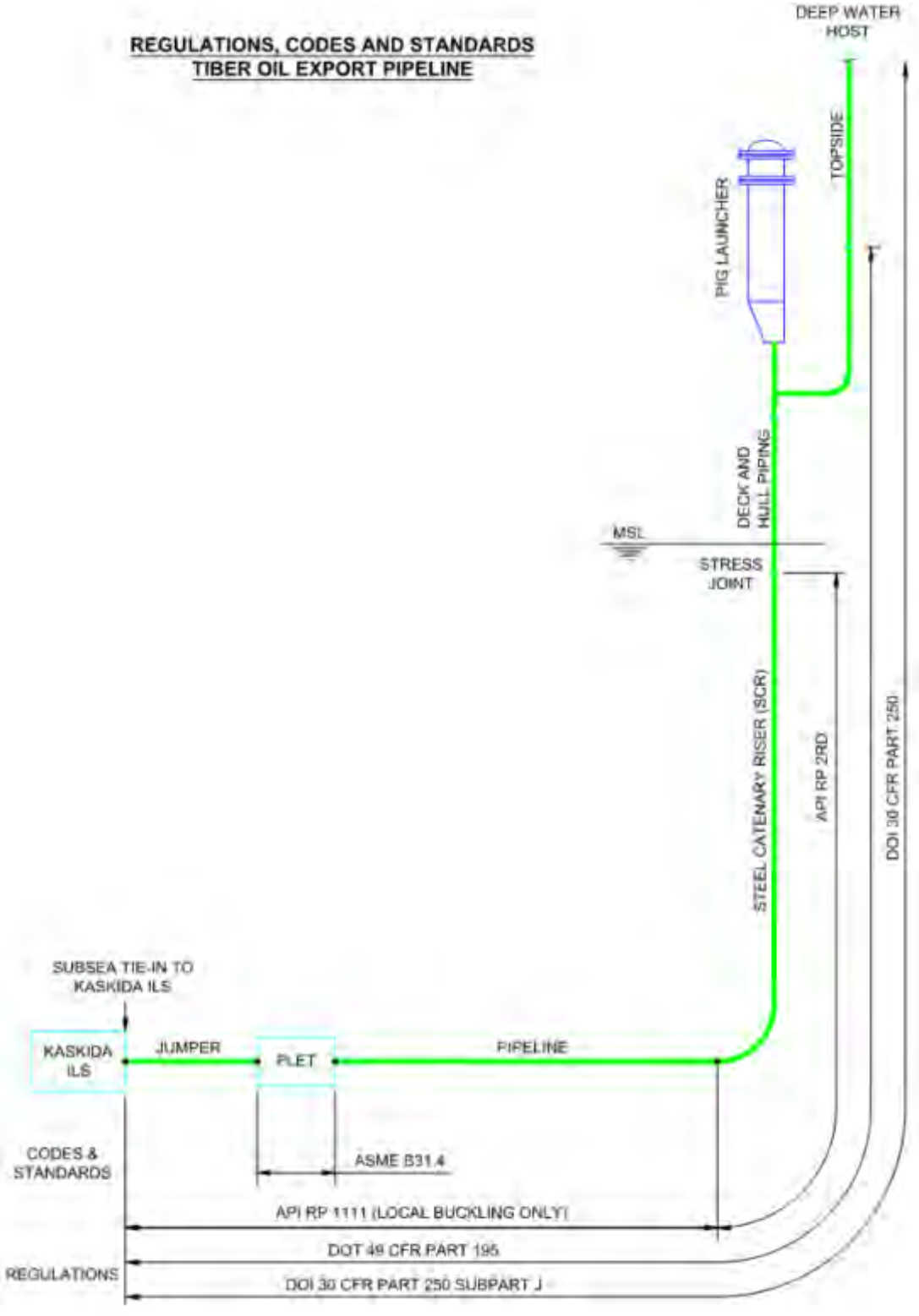

Figure 2 – Regulations, Codes, and Standards for Tiber Oil Pipeline

COVER SHEET EXECUTIVE SUMMARY

POINT OF TRANSFER FROM THE PRODUCER

Export Oil will be measured through a LACT/metering facility on the Tiber FPU. However, the point of custody transfer between the Producer (BP Tiber Host) and the Transporter (Enbridge) will be at top of SCR stress joint, as shown on the Tiber Oil Pipeline Safety Schematic (Drawing TOGE-W.035-2003).

The Tiber Oil Export Pipeline will be bidirectional to accommodate Oil buy back during commissioning and Tiber FPU operational requirements.

ONSHORE BASE(S)

The major offshore installation activities will take place in two campaigns.

Campaign #1 will be the installation and wet park of the riser and on-bottom pipeline. The onshore base for construction of Campaign #1 will be Port Fourchon, Louisiana and Mobile, Alabama.

Campaign #2 will be the hang-off of the riser to the Tiber FPU. The onshore base for construction of Campaign #2 will be Mobile, Alabama.

TEXAS

LOUISIANA

MISSISSIPPI

GRID NORTH

HOUSTON

Galveston

Freeport

Port Arthur

Sabine Pass

Lake Charles

Cameron

Grand Cheniere

LAFAYETTE

Intracoastal City

Morgan City

Houma

Dulac

Cocodrie

New Orleans

Belle Chase

Grand Isle

Port Fourchon

Venice

Biloxi

Pascagoula

Mobile

INSTALLATION VESSEL MOBILIZATION/DEMOBILIZATION PORT AT MOBILE

INSTALLATION VESSEL MOBILIZATION/DEMOBILIZATION PORT

PIPE BARGE MOBILIZATION/DEMOBILIZATION PORT

SABINE PASS (TX)

SABINE PASS (LA)

CAMERON WEST

CAMERON EAST

HIGH ISLAND

GALVESTON

EAST BREAKS

ALAMINOS CANYON

W-147E and W-602

W-147D

W-147AB

W-602

W-59BC

W-59A

VERMILION

SOUTH MARSH ISLAND

EUGENE ISLAND

SHIP SHOAL

SOUTH PELTO

BAY MARCHAND

GRAND ISLE

WEST DELTA

SOUTH PASS

SOUTH TIMBALIER

EWING BANK

GREEN CANYON

GARDEN BANKS

WALKER RIDGE

KEATHLEY CANYON

MISSISSIPPI CANYON

NORTH LAKE BORGNE

CHANDELEUR SOUND ADDITION

CHANDELEUR SOUND

MOBILE

W-453

VIOSCA KNOLL

CHANDELEUR

MAIN PASS

W-92

KASKIDA 12" GAS EXPORT PIPELINE, SEGMENT NO. TBC

KASKIDA 24"/26" OIL EXPORT PIPELINE, SEGMENT NO. TBC

TIBER 12" GAS EXPORT PIPELINE, SEGMENT NO. TBC

TIBER 24" OIL EXPORT PIPELINE, SEGMENT NO. TBC

PROJECT LOCATION

MILES

0 20 40

LEGEND:

- PROPOSED KASKIDA AND TIBER 12" GAS PIPELINES
- PROPOSED KASKIDA AND TIBER 24"/26" OIL PIPELINES
- MILITARY WARNING AREA BOUNDARY
- PLANNING AREA BOUNDARY
- PROTRACTION BOUNDARY

DWG. NO.	REFERENCE DRAWING TITLE	DWG. NO.	REFERENCE DRAWING TITLE
1 -	-	8	
2		9	
3		10	
4		11	
5		12	
6		13	
7		14	

NO.	REVISION - DESCRIPTION	BY	DATE	CHK'D	ENG'D	APP'D
A	ISSUED FOR REVIEW	HG	02/26/25	MS	AS	

AFE/WORK ORDER		
CONSTRUCTION YR		
	BY	DATE
DESIGN		
DRAWN	HG	02/21/25
ASBUILT		
SCALE	-	

ENBRIDGE

KASKIDA

TIBER

KASKIDA AND TIBER PIPELINE SYSTEM

Houston, Texas

MAP OF KASKIDA AND TIBER PROJECT LOCATION PROXIMITY TO MILITARY WARNING AREAS (EXPANDED)

BP DRAWING NO.	
	-
ENB. DRAWING NO.	
	KATI-W.035-0001
BP REV. NO.	ENB. REV. NO.
-	A2