

# LOUISIANA MID-STREAM TERMINALS:

## Louisiana Mid-Stream One

Louisiana Mid-Stream One (LMO) is a unique barge-mounted conveying system providing coal and petroleum coke exporters from the Mississippi River with quality control features not found in other mid-stream loading operations, such as a magnet, mechanical sampling system, belt scale, and water drainage. Working in tandem with a separate barge-mounted crane alongside the vessel, product from barges is directly fed into receiving hoppers and travels up a series of conveyors to a retractable loading boom feeding the vessel.



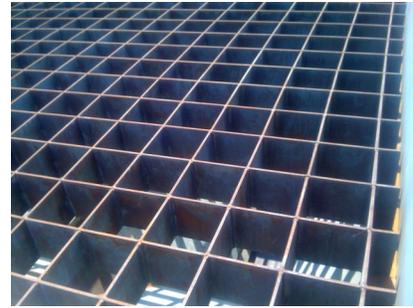
One special feature of the LMO is the ability to mechanically sample all product loaded from barge directly to vessel. A James A. Redding two stage cross-belt mechanical sampler collects the primary sample from the LMO's C2 conveyor after the receiving hoppers. This primary sample is then processed through a crusher and a secondary sampler to provide the final laboratory ready sample. This sampling system meets or exceeds the ASTM Standard D7430 for mechanical sampling and provides a representative sample throughout the cargo, not just from the barge top. It is operated and maintained by an independent third party.



### **Louisiana Mid-Stream Terminals, LLC**

8280 YMCA Plaza Drive #2, Baton Rouge, Louisiana 70810  
traffic@lamidstream.com

The LMO can simultaneously feed and combine product from multiple barges to meet rigorous quality specifications, greatly enhancing the quality of export cargo. LMO's two main receiving hoppers have four variable speed feeders that can homogeneously combine different barge cargo. Each of the two main receiving hoppers has a grizzly screen to prevent oversized product or large contaminants from entering the system. The hoppers provide for water drainage of excessively wet cargo.



Another value-added service provided by the LMO is tramp metal collection. A self-cleaning magnet is mounted before the mechanical sampler on the C2 conveyor. This magnet removes tramp metal from the conveyor as the product passes under it, reducing contamination and damage to the customer receiving systems.



## LOUISIANA MID-STREAM ONE

LOCATION:	Mile 134 AHP, left descending bank, Lower Mississippi River
WORKABLE AIRDRAFT:	55 feet or 16.76 meters
MAXIMUM VESSEL LOA:	Virtually any size, must be approved in advance
MAXIMUM VESSEL BEAM:	Virtually any size, must be approved in advance
MAXIMUM LOAD DRAFT:	Presently 46 feet or 14.02 meters, varies with river conditions
SAMPLING:	James A. Redding - 2 stage, automatic, mechanical, ASTM Standard D7430
METAL COLLECTION:	Dings, in-line, self-cleaning electro-magnetic separator
TEMPERATURE MONITORING:	Available upon request
WATER CONTROL:	Product drains in main receiving hoppers
CONVEYORS:	72 inch with designed thru-put capacity of 3,000 tons per hour



**Louisiana Mid-Stream Terminals, LLC**  
 8280 YMCA Plaza Drive #2, Baton Rouge, Louisiana 70810  
[traffic@lamidstream.com](mailto:traffic@lamidstream.com)