



Risk Management  
Commodities Trading  
Physical Logistics  
Regulatory Compliance

## Vessel 8.0

Manages the scheduling, shipment and actualization of any single or multiple energy commodities that are moved by vessel.

The movement of hydrocarbons by ship is a complex process that involves management of vessels and an array of documents, fees and regulations. The Allegro Vessel component is a unique solution that simplifies the process by helping manage events, documentation, fees and vessels. Schedulers can view available product quantities at any location, and then match supply volume (including purchases, inventory and production) to market volume (including sales and consumption). In the same way, they can assign shipper IDs and create shipments for product movements, and also assign any necessary tariffs, fees and other third party costs. Schedulers have the ability to manage both spot freight and time charter contracts.

Voyages may be tracked as they progress, with actual and estimated departure and arrival times. Schedule dates can be updated to reflect changes in the delivery of shipments, allowing the system to recalculate and update position data. The components perform actualization by allocating shipments back to each trade and the associated pricing. Allegro also captures detailed product quality data down to the individual shipment level allowing the price to be adjusted based on the actual qualities received or delivered.

Product movement data can include the full details of vessel status, vessel agents, inspectors, terminals, and product quality data. Users can view documents associated with the shipment stored in external systems such as bills of lading, notice of readiness or inspection reports directly from the component. The system calculates all applicable fees including discharge fees, loading fees, custom fees and taxes and also records all associated events that occur at the loading and discharge points. Schedules can be confirmed and changes of vessel, load port, and disport are easily made. The system can capture multiple load and discharge event dates, which allows cargo pricing around bill of lading (BOL) or notice of readiness (NOR). Book outs are handled seamlessly, matching long and short positions for products.

Demurrage fee calculation is also fully supported by the system. Demurrage rates can be set by amount or rate for an entire shipment or for each location, and the system automatically calculates the demurrage costs for that shipment or location based upon captured event dates. Allegro gives users the ability to manage claims separate to the shipment so shipment can be actualized and settled while claim is being negotiated. Users may enter “free” hours either for an entire shipment or for each location to be used in that calculation. Valuation of the shipment may also be performed based on the best available data including trade price, demurrage, fees and other third party costs. With the powerful sorting and filtering available, users can easily view inventory, supply and market at each location, by mass or volume, and then make informed decisions or confirm transactions with each counter party.

### Features

Provides customizable views including inventory by product, location and carrier, inventory, supply and market by location, and available volumes

Tracks voyages with actual and estimated arrival and departure times. Supports multi-port voyages and multi-product shipments tracking all associated activities and fees

Provides direct access to all associated documents in formats such as Word, Excel, PDF and JPG. These can include cargo manifests, certificates of quality and quantity, and customs documents

Captures all data associated with a shipment including vessel agents, inspectors, terminals, product quality and capture events occurring at both load and discharge points including loading, de-ballasting and other key events that can be matched with the Masters log

Provides the ability to schedule partial trade volumes and handles book outs matching long and short positions

Captures all associated quality information down to the individual shipment or location and provides automatic notification of quality deviations from traded quality when combined with Allegro's Messaging component

Provides the ability to price cargos around bill of lading or notice of readiness and calculates all fees including discharge, loading, customs and taxes

Supports the capture of actual deliveries including delivered product quality down to the shipment level and allows user to set demurrage rates for location or shipment by amount or rate

Calculates demurrage fees allowing for 'free' hours and provides valuation of trades based on trade data

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Allegro is a global leader in commodity trading and risk management solutions for power and gas utilities, refiners, producers, commodity traders, and commodity consumers. With more than 26 years of deep industry expertise, our enterprise platform drives profitability and efficiency across front, middle, and back offices, while managing the complex logistics associated with physical commodities. Allegro provides customers with agile solutions to manage risk across gas, power, coal, crude, petroleum, agricultural, emissions, and other commodity markets, allowing decision makers to hedge and execute with confidence. Allegro has recently been recognized as the Energy Risk Software House of the Year and received The Energy Business Awards Gold Award for Excellence. Headquartered in Dallas, Texas, Allegro has offices in Calgary, Houston, London, Singapore and Zurich, along with a global network of partners.