

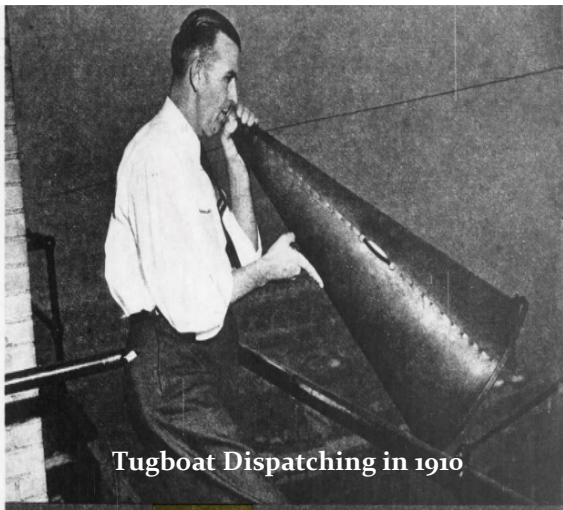
Tugboat Dispatching



AREA OF OPERATIONS

Tugboat Dispatching

***Tugboat Dispatching
One Step Ahead***



Tugboat Dispatching in 1910

Connections

- Nomenclature
- Distance
- Times
- Local Knowledge
- Transits Issues
- Delaware River
- Chesapeake Bay
- Tugboats
- Maritime Highway
- Vessels
- Community
- Other



Tugboat Dispatching in 1906

Booklet Provides General Information (Beta) on Tugboat Dispatchers

Maritime transportation is the least expensive way to move cargo. Ships move cargo 24/7/365. Ships require tugboats to move cargo, to maintain shipping schedules and to address any emergency's. Including and not limited to say a bridge collapsing.

Your primary responsibility as a tugboat dispatcher is organized communication that provides a link to all those involved in maritime cargo movements.

Dispatching is demanding. It's easy to get confused. Its easy to get overwhelmed. Dispatching is a puzzle. You as the dispatcher puts the maritime "puzzle" together. Dispatching will cause stress. Dispatchers perform their duties in an efficient, honest, professional, business like manner.

There is an organized, collaborative process to tugboat dispatching. It may not seem it, but there is. Tugboat dispatching takes place in a busy office. Dispatchers learn from criticism. Dispatchers learn by doing. Dispatchers learn by asking questions. Dispatchers collaborate. Tugboat dispatching requires confidence, independence, accountability and judgement. Tugboat dispatching has its own language, its own rules, its own protocols and its own way of communication.

What's "Beta"? "Beta" is Information. "Beta" is professionalism.

Beta is information. Old school traditional professional mountain guides use beta (nomenclature, beta is "information") for to belay, climbing routes safely, cause it don't count until you and your clients are safely home. Beta is communication. Beta is observing. Beta is listening. Beta is using tools like a computer and the internet to help you gather information to make a decision. That decision is where and when you as a dispatcher sends (dispatches or guides) a tugboat to a job.

Making use of beta so its functional requires experience. Using beta takes experience. One doesn't get dispatching right off. Self-motivation is a big part of gathering beta for dispatching tugboat jobs. Confidence is cultivated. Resources are available 24/7/385 to navigate your way on safe, efficient and appropriate dispatching.

This booklet "Dispatching for Tugboats" introduces one to the world of tugboat dispatching. It's a unique career. Maritime commerce runs 24/7/365. So do tugboats.

Dispatching brings a feeling of satisfaction when numerous tugboats and ocean going vessels move with precision, accuracy and routine. Because a shift as a dispatcher is not always that way. Dispatchers organize tugboat operations and schedules. Dispatching is fast paced, vibrant and dynamic.

Self motivation, self interest is crux to successful tugboat dispatching

- Ref: MARAD

America's Marine Highways: Delaware River, C & D Canal, Chesapeake Bay

Nomenclature

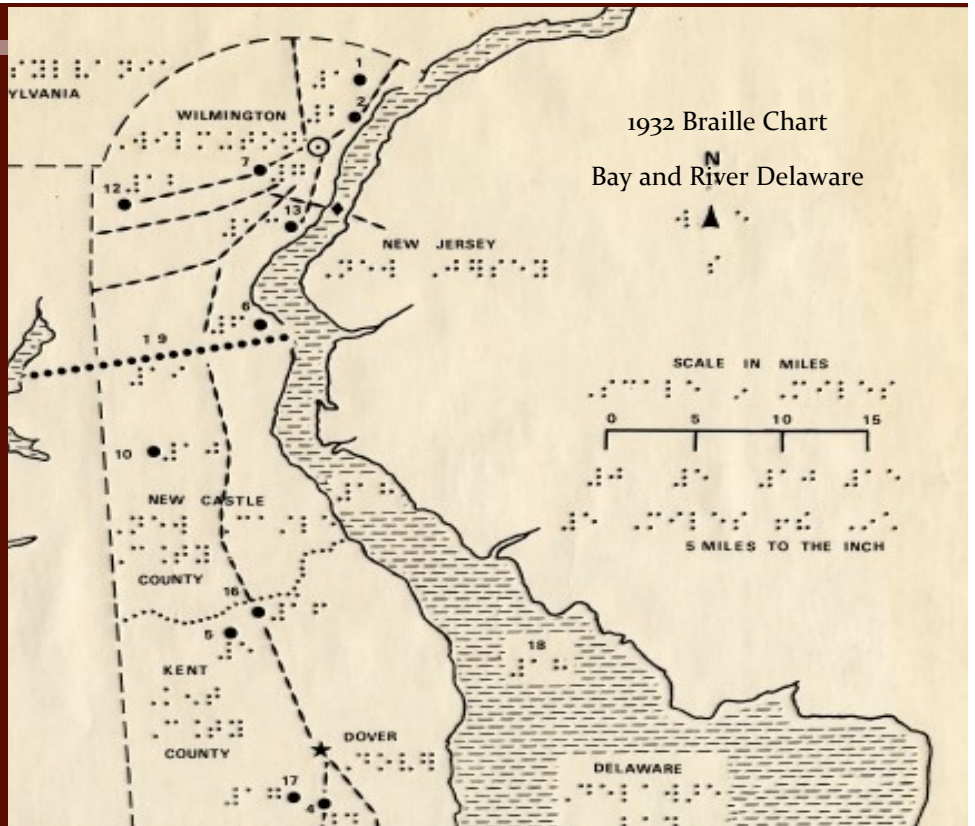
Tugboat dispatching has its own language and uses of communication. A few examples are provided:

Situation for Dispatching: Ocean tanker offloading Packer, 1430F, SST. 1250. Working BT 800 HP. / McAllister Sisters (COB) require assist to dock at 4 SMT, then shift to Trade Point East.

Answers: Packer Marine Terminal, Delaware River Philadelphia Harbor. Docking master to be at pier with tugboats at 2:30 PM. Vessel is Star-board side too. To the mid mark on the pier w working bow thrusters.

Vs. Container on barge (COB) weekly service to Baltimore Port, 4 Seagirt Marine Terminal then move to Trade Point Piers.

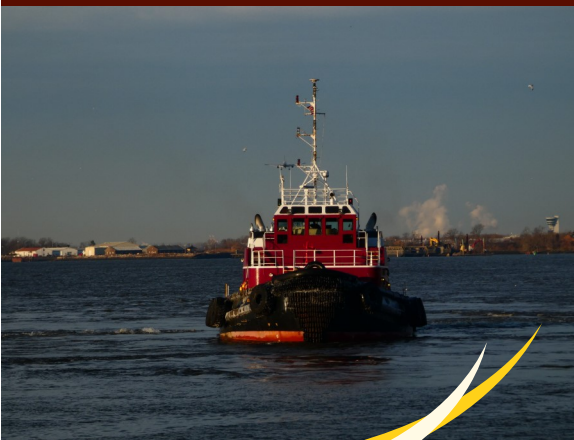
"Salty" language and maritime slang are used to communicate on a regular basis.



Decision Making, Collaboration, Accountability

Blind individuals see (communicate) by feeling, hearing, listening. A tugboat dispatcher's situational awareness requires the same attention to detail. A single tugboat job or dispatch movement involves or could involve:

- **Shipping Agents**
- **Shipping Companies**
- **Docking Masters**
- **River Pilots**
- **Tugboat Crews**
- **Line Runners**
- **USCG**
- **EMS**
- **Other Maritime Dispatchers**
- **Day to Day Issues**



Distances

Knowing the distances along the Delaware River and the Port of Baltimore anchors all dispatching. The process of tugboat dispatching is a key cog that keeps freight moving seamlessly across distances in the maritime sector. Dispatchers, play significant roles in ensuring vessels arrive and depart without hiccups.

Multi-Tasking

This can be an area some struggle in, especially if new to dispatching. If you are having trouble in the beginning, you are not alone! It will take time and some work to develop the skills to handle multiple things at once. You can work to improve by mastering each needed skill individually before connecting it with other things.

Geography/Location

Learning and knowing the lay of the land, the area of tugboat operations can be a huge help w dispatching. Become very familiar with the area you dispatch, discover and explore! As you will learn, this is the most important piece of information to have.

Gain experience on tugboat areas of operations.



Advocacy for Public Purpose



“Shall Be As Well Informed As Possible”
USCG Marine Safety Manual

Coastal Training

Decisions

Your decision as a dispatcher engages three interacting sources of information. Local knowledge; transits/job specific information and knowledge of tugboats.

Local knowledge permits you to maintain orientation to tugboats, fix and anticipate tugboat positions and anticipate the very fast moving dynamics of tugboat jobs.

Transit and job specific “beta” builds on before, during and after a job. Transits “beta” is a source of constant review. It’s “beta” about the day to day, hour by hour, minute by minute dynamics of tugboat jobs and areas of operations.

Tugboat knowledge serves as background for all your decisions.

(ref: Amended ACOE, Port of New York. Operations Study 1976)

Dispatchers coordinate various aspects of transportation, including scheduling, tracking, and managing resources along the shipping process. They serve as a crucial link between clients, carriers, and others.



Any time you think you have the game conquered, the game will turn around and punch you right in the nose. Mike Schmidt, Philadelphia Phillies (like it even had to be said...)

Delaware River & Bay: Ports

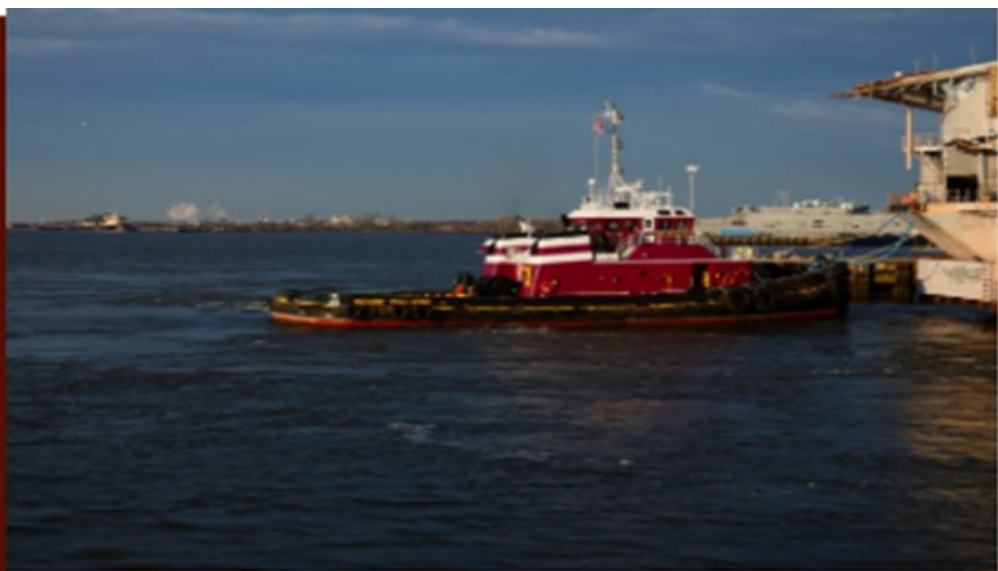
Tugboat Dispatchers cover different areas of operations, ports and harbors. 80 nautical miles connects Delaware River Harbors and Ports via the C & D Canal to the Chesapeake Bay's Port of Baltimore. This is the core region of tugboat areas of operation on the Mid-Atlantic Marine Highway.

Times

Delaware River is home to several key ports, that play a vital role in regional shipping and trade, contributing significantly to the local economy. The ports along the Delaware River are crucial for facilitating trade and commerce in the region. They serve as vital links for importing and exporting goods, supporting local industries, and contributing to the overall economic vitality of the area.

Future of Dispatching

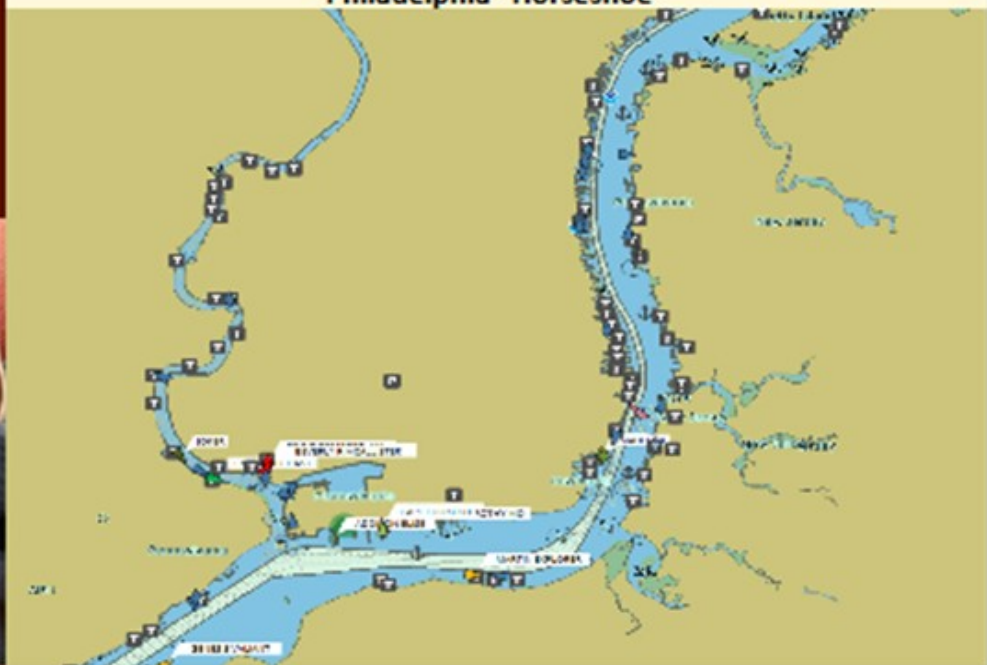
The Delaware River serves as a vital waterway for marine transportation and economic activity. Several significant ports are located along the Delaware River, including the Port of Philadelphia, the Port of Wilmington, and the Port of Camden. These ports collectively form one of the most busily navigated river systems in the country.



**Snap Shot Delaware River Federal Navigation Channel
Philadelphia Navy Yard and River Terminals**



**Snap Shot Delaware River Federal Navigation Channel
Philadelphia "Horseshoe"**



Location

Port of Baltimore Info. The Port of Baltimore's location shows why Baltimore's unique geographic advantage as the closest East Coast port to the Midwest is a tremendous asset.

The Port is an economic engine for Greater Baltimore, the State of Maryland, and the Mid-Atlantic region as a whole. It is a major contributor to the economy .

It is the provision of employment and income to individuals; revenues to businesses engaged in handling cargo. Tax revenues go to local governments; custom fees to the Federal government.

Port of Baltimore allows business to get their goods into the market-place quickly and with competitive rates. Tugboats are one of the cogs of cargo movements and day to day port operations.



Port of Baltimore: Ref: State of Maryland



Helene Delrich Bently Port Terminal Map

Dispatch Efficiency

Efficient dispatch operations are critical to the success of tugboat movements. Dispatchers play a vital role in ensuring that jobs are delivered on time, reducing the risk of delays, and minimizing costs. Dispatchers proactively managing potential issues, and help to maintain a competitive edge in the maritime.

Dispatch refers to the process of coordinating tugboat jobs. The full scope extends beyond just transportation and encompasses a range of activities crucial to the tugboat and shipping industry. Dispatch plays a pivotal role in ensuring timely and efficient movements of cargo vessels.

Professional dedicated tugboat dispatchers are assigned to every maritime cargo movement as a single point of contact

Dispatchers have an enhanced awareness of the maritime trade and highway and promote organizational best practices and interests.



**Tethered Tugboat for Battleship New Jersey
"Horseshoe" - Delaware River**