



## Marine Dock Information, Requirements and Restrictions

LBC Houston is a public terminal. The following regulations and practices are to be followed at the LBC Houston marine dock. These regulations and restrictions promote safe and efficient operations for all involved personnel. This information should be forwarded to anyone in your company that may be affected by these requirements. Thank you in advance for your understanding and cooperation.

### Contact Information

	Email	Phone	Fax
Marine Desk / Customer Service	<a href="mailto:cshou@lbctt.com">cshou@lbctt.com</a>	281-291-3427	
Security	<a href="mailto:Hou-security@lbctt.com">Hou-security@lbctt.com</a>	281-291-3419	281-291-3430
Tender	<a href="mailto:Hou-coordinators@lbctt.com">Hou-coordinators@lbctt.com</a>	281-291-3421	
Tender		281-291-3420	

### Vessel Agent Requirements

- Agents should forward Customs Entry paperwork prior to vessel's arrival to Customer Service
- Agents must ensure that the required Vessel and Company Gate List is provided in advance of vessel arrival
- Agents must provide information regarding any "Certain Dangerous Cargo" on board, prior to vessel arrival
- Tenders are accepted via telephone on a first come, first serve basis with a valid order. A Tender Reference Number will be provided as confirmation of accepted tender
- Vessels and barges should be vetted and accepted prior to tender and will not be called in until they are accepted. Vetting includes a review of the Q88; confirmation of compatibility at dock; current certifications including COC, COI or LOC; and vapor tightness certificate and vapor recovery information if required. Information should be sent to the Marine Desk for determination of acceptability to call on LBC Houston
- In the event of a port or facility MARSEC level change, LBC will notify all vessel and tow-boat owners/agents and operators that are moored at the facility or scheduled to berth within 96 hours
- In the event of a hurricane or extreme weather conditions, LBC will follow Port Conditions set by the Captain of The Port (COTP), as outlined in our Hurricane/Inclement Weather Plan. Operations will cease and all marine vessels will be required to depart the docks when the port condition reaches level "X-Ray". All vessels are required to maintain under-keel clearance.

### Tugboat Requirements

- Minimum of one (1) tugboat is required for docking tankers and one (1) tugboat is required for sailing tankers. Additional tugboats may be required, at the discretion of the Houston Pilots.
- Aframax vessels require a minimum tug size of 6300 BHP / 75 metric tons bollard pull.

### Seafarer/Visitor Access

- All gate lists must be submitted directly to Security via email or fax on agent's company letterhead prior to vessel arrival
- All gate lists must include names as it appears on their personal ID. (No personal information)
- All visitors must check in and out with Security and have proper PPE, including crew members transiting operational areas

#### Vessel Gate List (for crew changes, shore leaves, and deliveries)

- Vessel agents shall provide names of seafarers approved for shore-leave and on/off signers
- Vessel agents shall forward a written list of all crucial service personnel or companies who are to access the ship including agents and surveyors; list visiting companies; include TWIC escort trained transportation company(s)
- Vessel agents shall submit request for deliveries prior to vessel arrival to Security (hand-carry only). Upon receipt of request for delivery, further instructions will be provided
- The agent must have transportation waiting for the crew at the time of their departure from the vessel
- The crew must proceed immediately to the provided transportation upon departure. The crews must proceed immediately to the ship upon return. No loitering will be allowed in or around the facility

#### Company Gate List (for vessel services and visitors, including agents, and surveyors)

- Must be provided by the company listed and be provided on company letterhead (including owners/agents)
- Provide a 24/7 company contact and phone number
- Maintain current, especially if someone is no longer an employee

### **Other Services**

- All deliveries must be approved by the Facility Security Officer (FSO) prior to vessel/supplier arrival
- Services not directly associated with the contractual requirements of the product movement must be pre-approved by Customer Service prior to arrival, including, but not limited to, nitrogen pre-purging, layberth, steam, and MARPOL truck handling
- Bunker services are available via shore loop only with prior approval
- **Services not available at any dock:**
  - Lightering services
  - Fresh water
  - Lubes or bunkers by barge to vessel

### **Mooring**

Vessel owners/operators must ensure that the contracted mooring companies provide safe and proper mooring services. See page 2.

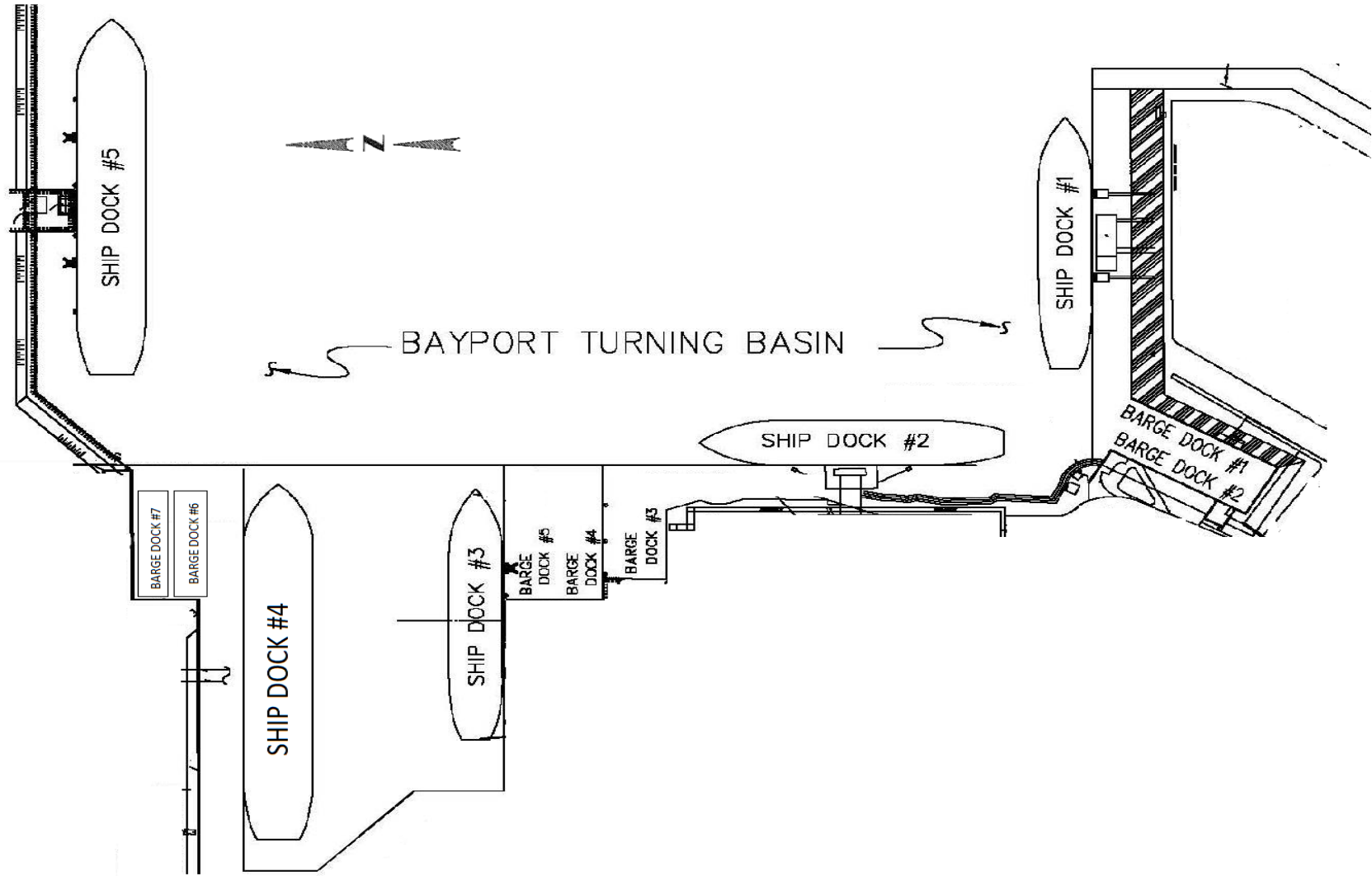
**Berth Operator Name: LBC Houston**  
**Location: Houston Ship Channel Mile Marker 370.35 in Bayport Turning Basin**  
**29° 36' 30" North Latitude - 95° 01' 45" West Longitude**

	Ship Dock 1	Ship Dock 2	Ship Dock 3	Ship Dock 4	Ship Dock 5	Barge Dock 1	Barge Dock 2	Barge Dock 3	Barge Dock 4	Barge Dock 5	Barge Dock 6	Barge Dock 7
Berth Name												
Berth Position												
Berth Type	T-Jetty	T-Jetty	T-Jetty	T-Jetty	T-Jetty	Slip	Slip	Slip	Slip	Slip	Slip	Slip
Type of Bottom	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt or Clay	Silt/Clay	Silt/Clay
Tidal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Salinity	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish	Brackish
Maximum LOA	675'	744'	625'	850'	910'	300'	300'	300'	300'	300'	300'	300'
Maximum Beam	N/A	N/A	106'	145'	165'	54'	54'	120'	54'	54'	55'	55'
Minimum Total Parallel Body Length	200'	155'	120'	270'	160'	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Arrival Displacement	N/A	N/A	N/A	130,000MT	183,260	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FW – Fresh Water Draft <i>(See restrictions below)</i>	40'	40'	40'	45'	45'	12'	12'	12'	12'	12'	12'	12'
Transit on Tide <i>(See restrictions below)</i>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tides Used to Calculate Draft	No	No	No	No	No	No	No	No	No	No	No	No
Max PSI at Shore Manifold	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI	90 PSI
Cargo Hoses or Marine Loading Arms (MLA)	Hoses	Hoses	Hoses	MLA	MLA	Hoses	Hoses	Hoses	Hoses	Hoses	Hose	Hose
Size of Hoses/MLA	6" & 8"	6" & 8"	6" & 8"	16"	16"	6" & 8"	6" & 8"	6" & 8"	6" & 8"	6" & 8"	8"	8"
Minimum Mooring Arrangement	4-2 F/A	Port 4-2 F/A	Starboard 4-2 F/A	Port 4-2-2 F/A	Port 4-2-2 F/A	4	4	4	4	4	4	4
Available for Barges	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Available for Layberth (w/Prior Approval)	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen Available (w/Prior Approval)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Steam Available (w/ Prior Approval)	No	No	No	No	No	No	No	No	No	Yes	No	No
Ship Provides Gangway	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Minimum Manifold height (MLW)	N/A	N/A	N/A	15'	15'	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Manifold height (MLW)	N/A	N/A	N/A	61'	61'	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shores Delivery (Hand Carry Only)	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	No
Vapor Recovery System Fitted	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific
Expected Load / Discharge Rate	Cargo Specific	Cargo Specific	Cargo Specific	Max 30K BPH	Max 40K BPH	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Cargo Specific	Max 5K BPH	Max 5K BPH

**Draft Restrictions** – All vessels are subject to maximum draft adjustments for seasonal/weather/tidal influence, obstruction debris reported in channel, channel shoaling, and/or dock silting requiring maintenance dredging. Available draft for vessels at the docks can vary significantly due to tides and weather conditions. All vessels are required to maintain under-keel clearance.

**Berthing Velocity @ Ship Dock 4 & 5 – 100 mm/s**

### LBC Houston Shoreline and Berth Position Layout



LBC Houston is a MARPOL Reception Facility for Annex I (Oils), II (NLS), and V (Garbage)