

TOLEDO HARBOR SPECIFIC DOCK/SLIP DETAIL LIST

(Ref: Great Lakes Maritime Information Clearinghouse, <http://maritime.utoledo.edu>)

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| 1. ADM/COUNTRYMARK TOLEDO ELEVATOR WHARF | 15. KUHLMAN CORP., YARD NO. 1 DOCK |
| 2. ANDERSONS TOLEDO EDWIN DRIVE ELEVATOR DOCK | 16. LAFARGE CEMENT TOLEDO TERMINAL WHARF |
| 3. ANDERSONS TOLEDO KUHLMAN DRIVE TERMINAL WHARF | 17. NABISCO TOLEDO FLOUR MILL WHARF |
| 4. ARMS/CRISCIONE GRAIN CO. WHARF | 18. SENECA PETROLEUM CO. EDISON ACME STATION SLIP |
| 5. BP OIL CO. TOLEDO REFINERY MARINE DOCK | 19. ST. MARY'S CEMENT, TOLEDO PLANT DOCK |
| 6. CITY OF TOLEDO MOORING BASIN | 20. SUNOCO MID-AMERICA REFINING CO., DOWN HOCKING VALLEY PIER SLIP |
| 7. CITY OF TOLEDO SALT WHARF | 21. SUNOCO MID-AMERICA REFINING CO., UP HOCKING VALLEY PIER SLIP |
| 8. CITY OF TOLEDO NAVAL ARMORY WHARF | 22. TOLEDO HARBOR WAREHOUSING CORP WHARF |
| 9. CITY OF TOLEDO, INTERN. PARK LOWER MOORING WHARF | 23. TOLEDO SHIP REPAIR CO., LOWER MOORING DOCK |
| 10. CITY OF TOLEDO, INTERN. PARK UPPER MOORING WHARF | 24. TOLEDO SHIP REPAIR CO., SHIPYARD DOCK |
| 11. CLARK REFINING CO. WHARF | 25. TOLEDO SHIP REPAIR CO., SHIPYARD SLIP |
| 12. H HANSEN INDUSTRIES SLIP | 26. TOLEDO-LUCAS COUNTY PORT AUTH. FACILITY NO. 1 WHARF |
| 13. HARBOR LIGHT CRUISE LINES DOCK | 27. U.S. COAST GUARD TOLEDO STATION WHARF |
| 14. KUHLMAN CORP., UPPER DOCK | 28. WOHLLEB-SOCIE SLIP |

DOCK DETAILS

Location GUID:	0Q32	NDC Code:	7201465400
NAV UNIT GUID:	33806	Dock ID:	654
Dock Name:	ADM/COUNTRYMARK TOLEDO ELEVATOR WHARF	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.5 mile below Interstate 75 Bridge.	Major Lake:	
Address:	1308 Miami Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Shipment of grain.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.625830	Dock Capacity:	264,600 MT
Longitude:	-83.533060	Unloading Gear:	self-unloader
Maximum smaller depth:	27	Unloading Gear (Specific):	self-unloader hopper
Maximum Larger Depth:	27	Unloading Speed:	1,080 MT/hr
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	3 spouts
Horizontal Datum:	NAD83	Loading Speed:	2,160 MT/hr
Minimum Deck Height:	10	Rail Conn. (description):	Four surface tracks at rear of elevator, total capacity 70 cars, join with two tracks serving 2 car pits and 3 carloading spouts in car shed; connect with CSX Transportation, Inc.
Maximum Deck Height:	10	Rail Carrier:	CSX Transportation
Largest Berthing:	960	Rail Track Capacity:	
Total Berthing:	1790	Highway Conn:	Via plant road to wharf, asphalt, 14 to 22 feet wide; from Miami Street, asphalt, 30 feet wides.
Construction:	Lower 120+710-foot portion: Steel sheet pile bulkhead with asphalt-surfaced solid fill. Center 800-foot portion: Concrete bulkhead supported on timber piling over timber sheet pile retaining wall. Upper 160-foot portion: Steel sheet pile bulkhead with a		
Mechanical Handling:	Three independently operated loading spouts at lower section, maximum rate 60,000 bushels per hour each spout, average combined loading rate 80,000 bushels per hour.		
Remarks:	At time of survey (1999), upper and center sections of wharf were primarily used for mooring vessels. Grain elevator located at rear consists of one unit with 96 concrete silos and 68 interstitial bins and one unit with 30 concrete silos and 30 interstitial bins, total capacity 9 million bushels.		

DOCK DETAILS

Location GUID:	0Q31	NDC Code:	7201445400
NAV UNIT GUID:	33805	Dock ID:	454
Dock Name:	THE ANDERSONS TOLEDO EDWIN DRIVE ELEVATOR DOCK	Port Name:	Toledo
Location:	Left bank, Maumee River, below Interstate Highway 75 Bridge.	Major Lake:	
Address:	125 Edwin Drive.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Shipment of grain.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.627220	Dock Capacity:	156,600 MT
Longitude:	-83.541110	Unloading Gear:	none
Maximum smaller depth:	28	Unloading Gear (Specific):	none
Maximum Larger Depth:	28	Unloading Speed:	none
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	1 shiploader
Horizontal Datum:	NAD83	Loading Speed:	1,620 MT/hr
Minimum Deck Height:	8	Rail Conn.(description):	Two surface tracks, total capacity 100 cars, serve undertrack pit and loading spout in car shed at rear of grain elevator; connect with Norfolk Southern Railway.
Maximum Deck Height:	8	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	730	Rail Track Capacity:	
Total Berthing:	730	Highway Conn:	Via Edwin and Kuhlman Drives, each concrete, 24 feet wide; from South Avenue.
Construction:	Steel sheet pile bulkhead with asphalt-surfaced solid fill; one steel sheet pile, cellular, breasting dolphin with separate steel shore connection on each side in line with face.		
Mechanical Handling:	One electric, straight-line conveyor boom having 70-foot outboard reach and equipped with loading spout mounted on full-portal gantry which travels full length of wharf, loading rate 60,000 bushels per hour.		
Remarks:	Grain elevator at rear consists of 12 concrete silos with 5 interstitial bins and 7 steel storage tanks, total capacity 5,800,000 bushels. Additional 4,400,000 bushels of grain storage is available at elevator located at Maumee, Ohio, approximately 8 miles distant.		

DOCK DETAILS

Location GUID:	OTMW	NDC Code:	7201444200
NAV UNIT GUID:	38408	Dock ID:	442
Dock Name:	THE ANDERSONS TOLEDO KUHLMAN DRIVE TERMINAL WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, above CSX Transportation Bridge.	Major Lake:	
Address:	440 Kuhlman Drive.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt and shipment of grain; receipt of dry bulk and liquid fertilizer.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.631110	Dock Capacity:	189,000 MT
Longitude:	-83.533330	Unloading Gear:	self-unloader
Maximum smaller depth:	27	Unloading Gear (Specific):	self-unloader hopper
Maximum Larger Depth:	27	Unloading Speed:	810 MT/hr
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	6 spouts
Horizontal Datum:	NAD83	Loading Speed:	1,350 MT/hr
Minimum Deck Height:	9	Rail Conn.(description):	One surface track serves car pit, carloading spout, and fertilizer loading facility, joins with 3 storage tracks, total capacity 80 cars; connects with Norfolk Southern Railway.
Maximum Deck Height:	15	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	1100	Rail Track Capacity:	
Total Berthing:	1100	Highway Conn:	Via Kuhlman Drive, concrete, 24 feet wide; from South Avenue, concrete, 31 feet wide.
Construction:	Steel sheet pile bulkhead with part asphalt-surfaced solid fill; one steel sheet pile, cellular, mooring dolphin on upper side connected by walkway; wharf is fronted by rubber-cushioned timber and steel fender system.		
Mechanical Handling:	Six vessel-loading spouts extend from storage silos at rear, combined loading rate 50,000 bushels per hour. Self-unloading vessels deliver grain to hopper at lower end of wharf, thence to an electric, 54-inch belt conveyor to storage silos, unloading rate		
Remarks:	Grain elevator located at rear of lower section of wharf consists of 16 concrete silos with 10 interstitial and 13 peripheral bins and 5 steel tanks and has a total storage capacity for 7 million bushels of grain. Additional 17 million bushels of grain storage is available at The Andersons elevator at Maumee, Ohio, approximately 8 miles distant. Three concrete storage domes at rear have total capacity for 60,000 tons of fertilizer. One 8-inch pipeline extends from wharf to 2 steel liquid fertilizer storage tanks, total capacity 5,480,000 gallons.		

DOCK DETAILS

Location GUID:	0Q2Y	NDC Code:	7201422000
NAV UNIT GUID:	33802	Dock ID:	220
Dock Name:	ARMS/CRISCIONE GRAIN CO WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, below Craig Memorial (Interstate Highway 280) Bridge.	Major Lake:	
Address:	1800 Water Street extended.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Foreign Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt of stone, salt, fertilizer, and oats by self-unloading vessel.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.662780	Dock Capacity:	
Longitude:	-83.511110	Unloading Gear:	self-unloader
Maximum smaller depth:	26	Unloading Gear (Specific):	
Maximum Larger Depth:	26	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	12	Rail Conn. (description):	Two surface tracks at rear connect with Norfolk Southern Railway.
Maximum Deck Height:	12	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	900	Rail Track Capacity:	
Total Berthing:	900	Highway Conn:	Via road, concrete, 20 feet wide and macadam, various widths; from Olive Street, concrete, 30 feet wide, and Water Street.
Construction:	Concrete-capped steel sheet pile bulkhead with asphalt-surfaced solid fill; fronted by rubber tire fender system.		
Mechanical Handling:	Two 5-cubic-yard, diesel, front-end loaders serve a 36-inch, electric, belt-conveyor system extending to storage building at rear. Loaders and two portable conveyors are available for loading trucks.		
Remarks:	Wharf is co-managed by Arms Dock Co. and Criscione Grain Co., Inc. Steel frame, metal-covered storage buildings at rear have storage capacity for approximately 75,000 tons of miscellaneous dry bulk materials and 1 million bushels of oats. Open storage area has normal capacity for approximately 500,000 tons of dry bulk material.		

DOCK DETAILS

Location GUID:	0Q37	NDC Code:	7201488200
NAV UNIT GUID:	33811	Dock ID:	882
Dock Name:	BP OIL CO TOLEDO REFINERY MARINE DOCK	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 800 feet above CSX Railroad bridge.	Major Lake:	
Address:	Jessie Street and Millard Avenue.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Foreign Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Shipment and occasional receipt of petroleum products.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.680661	Dock Capacity:	
Longitude:	-83.482883	Unloading Gear:	pipeline
Maximum smaller depth:	20	Unloading Gear (Specific):	
Maximum Larger Depth:	21	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	7.5	Rail Conn. (description):	None.
Maximum Deck Height:	7.5	Rail Carrier:	None
Largest Berthing:	500	Rail Track Capacity:	
Total Berthing:	1108	Highway Conn:	Via Millard Avenue, asphalt, 32 feet wide; from Front Street, asphalt, 40 feet wide.
Construction:	Pier formed by steel sheet pile retaining walls with solid fill along face, outer 291-foot portion of lower side, and outer 322-foot portion of upper side; natural bank along remaining portions of lower and upper sides. Timber fender system fronts retain		
Mechanical Handling:	Two hand-operated davits for launching small craft for cleaning oil spills.		
Remarks:	Three 12- and two 10-inch pipelines with 8-inch connections at two loading stations at face extend from pier to 21 steel storage tanks at company-owned refinery approximately 1 1/2 miles inland, total capacity 1,021,000 barrels.		

DOCK DETAILS

Location GUID:	0Q2V	NDC Code:	7201407000
NAV UNIT GUID:	33799	Dock ID:	70
Dock Name:	CITY OF TOLEDO MOORING BASIN	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 0.5 mile below CSX Transportation Bridge.	Major Lake:	
Address:	Bayview Park.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Not used.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.658330	Dock Capacity:	
Longitude:	-83.519720	Unloading Gear:	
Maximum smaller depth:	9	Unloading Gear (Specific):	
Maximum Larger Depth:	9	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	6	Rail Conn.(description):	None.
Maximum Deck Height:	6	Rail Carrier:	
Largest Berthing:	1270	Rail Track Capacity:	
Total Berthing:	2070	Highway Conn:	Via Armory Drive, asphalt, 24 to 30 feet wide; from Summit Street, asphalt, 41 feet wide.
Construction:	Basin formed by steel sheet pile retaining walls with solid fill. (See Remarks.)		
Mechanical Handling:	None.		
Remarks:	At time of survey (1999), plans called for filling basin to accommodate water reclamation plant expansion.		

DOCK DETAILS

Location GUID:	0T83	NDC Code:	7201422500
NAV UNIT GUID:	37875	Dock ID:	225
Dock Name:	CITY OF TOLEDO SALT WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 2,000 feet above Craig Memorial (Interstate Highway 280) Bridge.	Major Lake:	
Address:	Foot of Magnolia Street extended.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt of salt.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.643890	Dock Capacity:	
Longitude:	-83.532780	Unloading Gear:	self-unloader
Maximum smaller depth:	12	Unloading Gear (Specific):	
Maximum Larger Depth:	12	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn.(description):	One marginal surface track, approximately 100 feet in rear of face; connects with Norfolk Southern Railway.
Maximum Deck Height:	10	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	1280	Rail Track Capacity:	
Total Berthing:	1280	Highway Conn:	Via road, concrete, 20 feet wide, and asphalt, various widths; from Olive Street, concrete, 30 feet wide; and Water Street.
Construction:	922-foot masonry bulkhead and 158-foot concrete bulkhead, all with solid fill, each supported by timber cribbing; bulkheads are separated by 200 feet of stone-revetted natural bank.		
Mechanical Handling:	Open storage area at rear is served by self-unloading vessels. Front-end loaders for loading trucks are available as required.		
Remarks:	At time of survey (1999), bulkhead was in disrepair. In addition, plans called for the construction of a salt storage shed on apron of wharf below the abandoned railroad bridge abutment. Structure located at rear of bulkhead is used for storage of city-owned vehicles and equipment. Asphalt-surfaced open storage area has capacity for approximately 45,000 tons of salt.		

DOCK DETAILS

Location GUID:	OSUG	NDC Code:	7201406600
NAV UNIT GUID:	37384	Dock ID:	66
Dock Name:	CITY OF TOLEDO NAVAL ARMORY WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, on upper side of entrance to Bay View Park Yacht Basin.	Major Lake:	
Address:	3900 Summit Street, Bayview Park.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Occasional receipt of harbor debris.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.693056	Dock Capacity:	
Longitude:	-83.472222	Unloading Gear:	
Maximum smaller depth:	12	Unloading Gear (Specific):	
Maximum Larger Depth:	12	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	6	Rail Conn.(description):	None.
Maximum Deck Height:	6	Rail Carrier:	
Largest Berthing:	272	Rail Track Capacity:	
Total Berthing:	457	Highway Conn:	Via Armory Drive, asphalt, 24 to 30 feet wide; from Summit Street, asphalt, 41 feet wide.
Construction:	Steel sheet pile bulkhead, with part concrete-surfaced solid fill.		
Mechanical Handling:	Equipment is available as required.		
Remarks:	Bay View Park Yacht Basin at inner end of basin includes recreational craft moorings of Toledo Yacht Club and Bay View Yacht Club.		

DOCK DETAILS

Location GUID:	OP24	NDC Code:	7201470001
NAV UNIT GUID:	32476	Dock ID:	700
Dock Name:	City of Toledo, International Park Lower Mooring Wharves.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.5 mile below Anthony Wayne Bridge.	Major Lake:	
Address:	International Park.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	
Purpose:	Mooring city-owned, excursion, and miscellaneous vessels.	Container Handled:	Unknown
Facility Type:		Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.691110	Dock Capacity:	
Longitude:	-83.476390	Unloading Gear:	
Maximum smaller depth:	14	Unloading Gear (Specific):	
Maximum Larger Depth:	15	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn.(description):	None.
Maximum Deck Height:	10	Rail Carrier:	
Largest Berthing:	1042	Rail Track Capacity:	
Total Berthing:	1127	Highway Conn:	Via road, asphalt, 18 feet wide; from Main Street approach to Cherry Street Bridge.
Construction:	Concrete and steel sheet pile bulkhead supported by timber piles with asphalt-surfaced solid fill, partly fronted by timber float.		
Mechanical Handling:	None.		
Remarks:	At time of survey, former transit shed was being converted into waterside restaurants. A brick structure on lower side is used as office by the City of Toledo Parks, Recreation, and Forestry Department. Small vessels and water taxis berth at lower side against timber float. Excursion vessel Arawanna Belle berths against river bank at upper end. A rowing club float is located in cove adjacent to lower side of wharf.		

DOCK DETAILS

Location GUID:	OP21	NDC Code:	7201470002
NAV UNIT GUID:	32473	Dock ID:	700
Dock Name:	City of Toledo, International Park Upper Mooring Wharf.	Port Name:	Toledo
Location:	Right bank, Maumee River, below Anthony Wayne Bridge.	Major Lake:	
Address:	International Park.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	
Country:	USA	Hazardous Cargo:	
Purpose:	Mooring for retired lake freighter Willis S. Boyer on exhibition.	Container Handled:	
Facility Type:		Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.693060	Dock Capacity:	
Longitude:	-83.472220	Unloading Gear:	
Maximum smaller depth:	16	Unloading Gear (Specific):	
Maximum Larger Depth:	21	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	None.
Maximum Deck Height:	16	Rail Carrier:	
Largest Berthing:	2807	Rail Track Capacity:	
Total Berthing:	2807	Highway Conn:	Via road, asphalt, 30 feet wide, extending from Main Street.
Construction:	Concrete bulkhead supported by timber piles with solid fill.		
Mechanical Handling:	None.		
Remarks:	Ticket office and parking lot are located at rear of wharf.		

DOCK DETAILS

Location GUID:	OTMV	NDC Code:	7201414100
NAV UNIT GUID:	38407	Dock ID:	141
Dock Name:	CLARK REFINING CO WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	2844 Summit Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt and shipment of petroleum products.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.675280	Dock Capacity:	
Longitude:	-83.491440	Unloading Gear:	pipeline
Maximum smaller depth:	18	Unloading Gear (Specific):	
Maximum Larger Depth:	18	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn. (description):	Two surface tracks serving 5-car-capacity tank car loading rack; connect with Norfolk Southern Railway.
Maximum Deck Height:	10	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	527	Rail Track Capacity:	
Total Berthing:	527	Highway Conn:	Via terminal road, gravel, 10 feet wide; from Summit Street, asphalt, 50 feet wide.
Construction:	Steel sheet pile bulkhead with solid fill, fronted by rubber tire fenders.		
Mechanical Handling:	None.		
Remarks:	Two 8-inch pipelines extend from wharf to 8 steel storage tanks in rear, total capacity 216,000 barrels. Storage tanks also receive petroleum products from Trans-Montaigne Pipeline, Inc.		

DOCK DETAILS

Location GUID:	0Q2W	NDC Code:	7201414200
NAV UNIT GUID:	33800	Dock ID:	142
Dock Name:	H HANSEN INDUSTRIES SLIP	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 700 feet above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	2824 Summit Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring vessels for repair; mooring company-owned floating equipment and harbor tugs.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.675280	Dock Capacity:	
Longitude:	-83.494440	Unloading Gear:	
Maximum smaller depth:	12	Unloading Gear (Specific):	
Maximum Larger Depth:	13	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	5	Rail Conn. (description):	None.
Maximum Deck Height:	5	Rail Carrier:	
Largest Berthing:	500	Rail Track Capacity:	
Total Berthing:	911	Highway Conn:	Via driveway, gravel, 10 feet wide; from Summit Street, asphalt, 50 feet wide.
Construction:	Slip formed by steel sheet pile retaining walls with solid fill; one 24-foot, steel sheet pile, cellular dolphin in line with outer end of 250-foot section of upper side.		
Mechanical Handling:	One 35-ton, diesel, mobile crane with 135-foot boom; one 25-ton, diesel, mobile crane with 73-foot boom; and one 25-ton, gasoline, mobile crane with 70-foot boom. One 50-ton, electric, traveling boat hoist serves 75- by 25-foot basin at inner end of uppe		
Remarks:	Electric boat hoist can lift small vessels up to 75 feet in length and 24 feet in width. Marine repair plant is located in rear at head of slip. One 1 1/2-inch compressed air line serves slip. Gaelic Tug Boat Co. moors harbor tugs at outer end of lower side of slip.		

DOCK DETAILS

Location GUID:	OT84	NDC Code:	7201440000
NAV UNIT GUID:	37876	Dock ID:	400
Dock Name:	HARBOR LIGHT CRUISE LINES DOCK	Port Name:	Toledo
Location:	Left bank, Maumee River, below mouth of Swan Creek.	Major Lake:	
Address:	Foot of Jefferson Avenue.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring of excursion vessel; boarding and discharge of excursion vessel passengers.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.649170	Dock Capacity:	
Longitude:	-83.533330	Unloading Gear:	
Maximum smaller depth:	4	Unloading Gear (Specific):	
Maximum Larger Depth:	5	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	2	Rail Conn.(description):	None.
Maximum Deck Height:	9	Rail Carrier:	
Largest Berthing:	24	Rail Track Capacity:	
Total Berthing:	24	Highway Conn:	Via Jefferson Avenue, brick, 21 feet wide; from Summit Avenue, asphalt, 50 feet wide.
Construction:	Concrete bulkhead with concrete- and brick-surfaced solid fill, fronted by permanently moored steel float; 3- by 12-foot steel-hinged boarding ramp from shore to float; additional 3-foot-wide portable ramp from float to vessel.		
Mechanical Handling:	None.		
Remarks:	M/V Sandpiper provides harbor tours. Ticket booth is located in brick structure at rear.		

DOCK DETAILS

Location GUID:	OP22	NDC Code:	7201444601
NAV UNIT GUID:	32474	Dock ID:	446
Dock Name:	Kuhlman Corp., Upper Dock.	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 1,500 feet below Interstate Highway 75 Bridge.	Major Lake:	
Address:	444 Kuhlman Drive.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	
Country:	USA	Hazardous Cargo:	
Purpose:	Receipt of dry bulk fertilizer, salt, stone, and petroleum coke by self-unloading vessel; mooring grain vessels awaiting shipping berths; mooring miscellaneous vessels.	Container Handled:	
Facility Type:		Container Throughput	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.627780	Dock Capacity:	
Longitude:	-83.536670	Unloading Gear:	self-unloader
Maximum smaller depth:	22	Unloading Gear (Specific):	
Maximum Larger Depth:	22	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn.(description):	One surface track serving undertrack pit and loading spout in rear connects with Norfolk Southern Railway.
Maximum Deck Height:	10	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	340	Rail Track Capacity:	
Total Berthing:	340	Highway Conn:	Via Kuhlman Drive, concrete, 24 feet wide; from South Avenue, concrete, 31 feet wide.
Construction:	Row of 3 steel sheet pile, concrete-capped, cellular breasting dolphins fronted by rubber-cushioned timber and steel fenders, each with 50-foot steel catwalk approach.		
Mechanical Handling:	One diesel crawler crane with 70-foot boom equipped with 4-cubic-yard clamshell bucket, rate 2,000 tons per hour. One 5-cubic-yard, diesel, front-end loader serves open storage area.		
Remarks:	Timber storage building at rear has storage capacity for 136,500 tons of fertilizer. Concrete-paved open storage area has capacity for 150,000 tons of miscellaneous dry bulk material.		

DOCK DETAILS

Location GUID:	OP23	NDC Code:	7201444602
NAV UNIT GUID:	32475	Dock ID:	446
Dock Name:	Kuhlman Corp., Yard No. 1 Dock.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.3 mile below Interstate Highway 75 Bridge.	Major Lake:	
Address:	444 Kuhlman Drive.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	
Country:	USA	Hazardous Cargo:	
Purpose:	Not used.	Container Handled:	
Facility Type:		Container Throughput:	555
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.628890	Dock Capacity:	
Longitude:	-83.534720	Unloading Gear:	
Maximum smaller depth:	3	Unloading Gear (Specific):	
Maximum Larger Depth:	18	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	6	Rail Conn. (description):	One surface track serving plant located in rear connects with Norfolk Southern Railway.
Maximum Deck Height:	6	Rail Carrier:	
Largest Berthing:	265	Rail Track Capacity:	
Total Berthing:	495	Highway Conn:	Via Kuhlman Drive, concrete, 24 feet wide; from South Avenue, concrete, 31 feet wide.
Construction:	Concrete-capped, solid-filled, steel sheet pile cellular offshore wharf with causeway approach to upper end.		
Mechanical Handling:	Use of equipment described under Ref. No. 22.		
Remarks:	Rear of face forms 60-foot-wide slip with stone-revetted bank. At time of survey (1999), slip inside wharf had silted to 3-foot depth and plans called for converting slip to solid fill and reactivation of facility. Open storage area has capacity for 100,000 tons of miscellaneous dry bulk material.		

DOCK DETAILS

Location GUID:	0Q30	NDC Code:	7201425800
NAV UNIT GUID:	33804	Dock ID:	258
Dock Name:	LAFARGE CEMENT TOLEDO TERMINAL WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 700 feet below Cherry Street Bridge.	Major Lake:	
Address:	840 Water Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	No
Purpose:	Receipt of bulk cement.	Container Handled:	No
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.654440	Dock Capacity:	
Longitude:	-83.527220	Unloading Gear:	pipeline
Maximum smaller depth:	18	Unloading Gear (Specific):	
Maximum Larger Depth:	22	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	None.
Maximum Deck Height:	8	Rail Carrier:	None
Largest Berthing:	1061	Rail Track Capacity:	
Total Berthing:	1061	Highway Conn:	Via Water Street, asphalt, 42 feet wide; from Walnut Street, asphalt, 30 feet wide; or LaGrange Street, brick, 60 feet wide.
Construction:	Part concrete and part steel sheet pile bulkhead with solid fill; fronted by timber fender system.		
Mechanical Handling:	None.		
Remarks:	*The contiguous 137-foot concrete bulkhead at lower side is owned by Toledo Edison Co. and fronts their Locust Street Substation, providing for additional berthing space. Two 10-inch unloading pipelines at face of wharf extend to 8 concrete cement storage silos with 3 interstitial bins, total capacity 13,020 tons, unloading rate for self-unloading vessels is 550 to 700 tons per hour. Plant is equipped to load trucks with bulk and bagged cement.		

DOCK DETAILS

Location GUID:	0Q34	NDC Code:	7201481200
NAV UNIT GUID:	33808	Dock ID:	812
Dock Name:	NABISCO TOLEDO FLOUR MILL WHARF	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.8 mile above Norfolk Southern Railway bridge.	Major Lake:	
Address:	2221 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring vessels for outfitting, conversion, and repair.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.666390	Dock Capacity:	
Longitude:	-83.497780	Unloading Gear:	none
Maximum smaller depth:	17	Unloading Gear (Specific):	
Maximum Larger Depth:	17	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	Sixteen surface tracks serve car dumper and carloading spouts at grain elevator in rear; connect with Norfolk Southern Railway.
Maximum Deck Height:	8	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	85	Rail Track Capacity:	
Total Berthing:	85	Highway Conn:	Via plant roads, asphalt, various widths; from Front Street, asphalt, 40 feet wide.
Construction:	Part steel pile and part concrete bulkhead, all with concrete-surfaced solid fill.		
Mechanical Handling:	None.		
Remarks:	*Operator occasionally uses wharf for berthing vessels undergoing repairs at adjacent shipyard. Wharf is fenced. Nabisco, Inc. owns and operates a flour mill and grain elevator with storage capacity for 6 million bushels located in rear; grain is received by rail and truck and flour is shipped by truck.		

DOCK DETAILS

Location GUID:	0Q33	NDC Code:	7201474800
NAV UNIT GUID:	33807	Dock ID:	748
Dock Name:	SENECA PETROLEUM CO EDISON ACME STATION SLIP	Port Name:	Toledo
Location:	Right bank, Maumee River, lower side of slip, approximately 0.2 mile below Craig Memorial (Interstate Highway 280) Bridge.	Major Lake:	
Address:	1401 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Foreign Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt of asphalt by barge.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.656910	Dock Capacity:	200,000 MT asphalt
Longitude:	-83.515830	Unloading Gear:	pipeline
Maximum smaller depth:	17	Unloading Gear (Specific):	20.32 cm pipeline
Maximum Larger Depth:	18	Unloading Speed:	varries by vessel
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	n/a
Horizontal Datum:	NAD83	Loading Speed:	n/a
Minimum Deck Height:	12	Rail Conn.(description):	Trackage at electric power plant in rear connects with Norfolk Southern Railway.
Maximum Deck Height:	12	Rail Carrier:	Norfolk Southern Railway
Largest Berthing:	200	Rail Track Capacity:	
Total Berthing:	200	Highway Conn:	Via plant road; from Front Street, asphalt, 45 feet wide.
Construction:	Row of 5 timber breasting dolphins with 30- by 3-foot approach. Berth is constricted to 95-foot width by a parallel row of timber dolphins.		
Mechanical Handling:	None.		
Remarks:	One 8-inch steam-traced pipeline extends from dolphin along approach to 2 steel storage tanks located at rear, combined capacity 200,000 barrels.		

DOCK DETAILS

Location GUID:	0Q35	NDC Code:	7201482800
NAV UNIT GUID:	33809	Dock ID:	828
Dock Name:	ST. MARYS CEMENT, TOLEDO PLANT DOCK	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.6 mile above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	2301 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt of bulk cement.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.667780	Dock Capacity:	
Longitude:	-83.496390	Unloading Gear:	pipeline
Maximum smaller depth:	21	Unloading Gear (Specific):	
Maximum Larger Depth:	21	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	None.
Maximum Deck Height:	8	Rail Carrier:	None
Largest Berthing:	900	Rail Track Capacity:	
Total Berthing:	900	Highway Conn:	Via plant road, asphalt, various widths; from Front Street, asphalt, 40 feet wide.
Construction:	Concrete bulkhead supported by timber piles with concrete-surfaced solid fill.		
Mechanical Handling:	Elevated receiving hopper at face is served by a 12-inch air-slide conveyor extending to storage silos in rear, rate 1,000 tons per hour.		
Remarks:	Two concrete silos at rear have total capacity for 14,000 tons.		

DOCK DETAILS

Location GUID:	OP29	NDC Code:	7201477701
NAV UNIT GUID:	32481	Dock ID:	777
Dock Name:	Sunoco MidAmerica Marketing and Refining Co., Downstream Hocking Valley Pier Slip.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 700 feet below Craig Memorial (Interstate Highway 280) Bridge	Major Lake:	
Address:	1761 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	
Purpose:	Mooring vessels for storage, maintenance, and repair.	Container Handled:	Unknown
Facility Type:		Container Throughput:	5555
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.659720	Dock Capacity:	
Longitude:	-83.508330	Unloading Gear:	none
Maximum smaller depth:	13	Unloading Gear (Specific):	
Maximum Larger Depth:	27	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	12	Rail Conn.(description):	None.
Maximum Deck Height:	12	Rail Carrier:	None
Largest Berthing:	850	Rail Track Capacity:	
Total Berthing:	1895	Highway Conn:	Via private road, cinder and gravel, various widths; from foot of Consaul Street, asphalt, 35 feet wide.
Construction:	Slip formed by concrete retaining walls supported by timber piles.		
Mechanical Handling:	Four hand-operated mast-and-boom derricks on upper side, each with 18-foot boom, not in use at time of survey.		
Remarks:	Upper side of slip has three blanked, 8-inch, petroleum products pipeline connections at four separate locations. In addition, one 6-inch ballast pipeline, with 6-inch connection, connects with ballast pipeline serving Ref. No. 16 and extends to one 5,000-barrel storage tank at rear of lower side of Ref. No. 16.		

DOCK DETAILS

Location GUID:	OP2A	NDC Code:	7201477702
NAV UNIT GUID:	32482	Dock ID:	777
Dock Name:	Sunoco MidAmerica Marketing and Refining Co., Upstream Hocking Valley Pier Slip.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 100 feet below Craig Memorial (Interstate Highway 280) Bridge.	Major Lake:	
Address:	1641 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Occasional receipt of refinery feed stock; shipment of fuel oil and carbon oil black.	Container Handled:	Unknown
Facility Type:		Container Throughput:	555
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.659440	Dock Capacity:	
Longitude:	-83.509720	Unloading Gear:	pipeline
Maximum smaller depth:	18	Unloading Gear (Specific):	
Maximum Larger Depth:	27	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	12	Rail Conn.(description):	None.
Maximum Deck Height:	12	Rail Carrier:	None
Largest Berthing:	918	Rail Track Capacity:	
Total Berthing:	1836	Highway Conn:	Via private road, cinder and gravel, various widths; from foot of Consaul Street, asphalt, 35 feet wide.
Construction:	Concrete bulkhead supported by timber piles with solid fill.		
Mechanical Handling:	Three hand-operated, mast-and-boom derricks on lower side, each with 20-foot boom for handling hose.		
Remarks:	One 12-, one 10-, one 8-, and one 6-inch pipeline connections at four separate locations on lower side of slip connect with pipelines formerly serving Ref. No. 15 at manifold located in rear. One 12-, one 8-, and one 6-inch pipeline extends from manifold to 28 steel storage tanks at company-owned refinery approximately 2 miles inland, total capacity 2,300,000 barrels. In addition, one 12-inch pipeline extends from manifold to 3 storage tanks located 600 feet north of Front and Consaul Streets, total capacity 175,000 barrels. One 6-inch ballast pipeline with one 6-inch connection at each of the four locations joins ballast pipeline described under Ref. No. 15.		

DOCK DETAILS

Location GUID:	0Q2Z	NDC Code:	7201422200
NAV UNIT GUID:	33803	Dock ID:	222
Dock Name:	TOLEDO HARBOR WAREHOUSING CORP WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, above Craig Memorial (Interstate Highway 280) Bridge.	Major Lake:	
Address:	1500 Water Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Not used.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.660560	Dock Capacity:	
Longitude:	-83.516110	Unloading Gear:	
Maximum smaller depth:	20	Unloading Gear (Specific):	
Maximum Larger Depth:	20	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn. (description):	One marginal surface track along rear of face serves platform along front of Warehouse No. 5 and one platform-level track serves Warehouse No. 3; connect with Norfolk Southern Railway.
Maximum Deck Height:	10	Rail Carrier:	
Largest Berthing:	750	Rail Track Capacity:	
Total Berthing:	750	Highway Conn:	Via road, concrete, 20 feet wide and macadam, various widths; from Olive Street, concrete, 30 feet wide; and Water Street.
Construction:	Timber cribbing and timber piling capped with stone-blocked solid fill.		
Mechanical Handling:	Twelve 2 1/4-ton, gasoline, lift trucks, eleven equipped with roll clamps and one with forks.		
Remarks:	Two steel frame, metal-covered buildings located at rear of lower portion of wharf are used as storage warehouses (S.W. Ref. No. 7).		

DOCK DETAILS

Location GUID:	OP08	NDC Code:	7201481801
NAV UNIT GUID:	32408	Dock ID:	818
Dock Name:	Toledo Shiprepair Co., Lower Mooring Dock.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.4 mile above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	2401 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring vessels; occasional shipment of miscellaneous dry bulk commodities.	Container Handled:	Unknown
Facility Type:		Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.670127	Dock Capacity:	
Longitude:	-83.494382	Unloading Gear:	none
Maximum smaller depth:	20	Unloading Gear (Specific):	
Maximum Larger Depth:	22	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	10	Rail Conn.(description):	None.
Maximum Deck Height:	10	Rail Carrier:	None
Largest Berthing:	1727	Rail Track Capacity:	
Total Berthing:	1727	Highway Conn:	Via driveway; from Front Street, asphalt, 40 feet wide.
Construction:	Concrete bulkhead supported on timber piling over timber sheet pile retaining wall with solid fill.		
Mechanical Handling:	None.		
Remarks:	Vessels are moored awaiting repairs at adjacent ship yard (Ref. Nos. 11 and 13). At time of survey (1999), plans called for development as a petroleum products terminal.		

DOCK DETAILS

Location GUID:	0P2W	NDC Code:	7201481800
NAV UNIT GUID:	32504	Dock ID:	818
Dock Name:	Toledo Shiprepair Co., Shipyard Dock.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.7 mile above Norfolk Southern Railway bridge.	Major Lake:	
Address:	2245 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring vessels for outfitting, conversion, and repair.	Container Handled:	Unknown
Facility Type:		Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.667220	Dock Capacity:	
Longitude:	-83.496940	Unloading Gear:	none
Maximum smaller depth:	19	Unloading Gear (Specific):	
Maximum Larger Depth:	19	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	None.
Maximum Deck Height:	8	Rail Carrier:	None
Largest Berthing:	900	Rail Track Capacity:	
Total Berthing:	900	Highway Conn:	Via plant road, asphalt, various widths; from Front Street, asphalt, 40 feet wide.
Construction:	Two sections of concrete bulkhead supported by timber piles with solid fill; separated by entrance to graving dock.		
Mechanical Handling:	Two electric, traveling, full-portal gantry cranes each with 110-foot boom and capacity of 50 tons at 50-foot radius; and use of mobile crane described under Ref. No. 11.		
Remarks:	Berthing space includes widths of entrances to Graving Dock No. 1 between wharf sections, and Graving Dock No.2 between upper section and adjacent wharf (Ref. No. 12), as well as wharves on upper side (Ref. No. 12) and lower side (Ref. No. 14) which are used by reciprocal berthing arrangement. Wharf is equipped with lines for supplying compressed air, oxygen, and acetylene gas.		

DOCK DETAILS

Location GUID:	OP16	NDC Code:	7201481802
NAV UNIT GUID:	32442	Dock ID:	818
Dock Name:	Toledo Shiprepair Co., Shipyard Slip.	Port Name:	Toledo
Location:	Right bank, Maumee River, approximately 0.6 mile above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	2245 Front Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Unknown
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring vessels for outfitting and repair; mooring company-owned floating equipment.	Container Handled:	Unknown
Facility Type:		Container Throughput	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.667778	Dock Capacity:	
Longitude:	-83.495000	Unloading Gear:	none
Maximum smaller depth:	15	Unloading Gear (Specific):	
Maximum Larger Depth:	15	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	8	Rail Conn.(description):	None.
Maximum Deck Height:	8	Rail Carrier:	None
Largest Berthing:	445	Rail Track Capacity:	
Total Berthing:	838	Highway Conn:	Via plant road, asphalt, various widths; from Front Street, asphalt, 40 feet wide.
Construction:	Slip formed by steel sheet pile bulkhead with solid fill.		
Mechanical Handling:	One 20-ton, diesel mobile hoist with 52-foot telescopic boom. Additional stevedore equipment is available as required.		
Remarks:	Slip is 230 feet wide at the entrance and approximately 70 feet wide at the inner end. Sides of slip are equipped with lines for supplying compressed air, oxygen, and acetylene gas.		

DOCK DETAILS

Location GUID:	0Q38	NDC Code:	7201492000
NAV UNIT GUID:	33812	Dock ID:	920
Dock Name:	TOLEDO - LUCAS COUNTY PORT AUTH FACILITY NO 1 WHARF	Port Name:	Toledo
Location:	Right bank of Maumee River at mouth.	Major Lake:	
Address:	3319 St. Lawrence Drive.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Right
State/Prov:	OH	Shipments:	Domestic and Foreign
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Receipt and shipment of conventional and containerized general cargo and miscellaneous dry bulk materials, metal products, and processed foods.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.688610	Dock Capacity:	58,698 sq m covered 445,154 sq m open
Longitude:	-83.468890	Unloading Gear:	crane
Maximum smaller depth:	27	Unloading Gear (Specific):	204 MT cranes
Maximum Larger Depth:	27	Unloading Speed:	varries by commodity
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	204 MT cranes
Horizontal Datum:	NAD83	Loading Speed:	varries by commodity
Minimum Deck Height:	11	Rail Conn. (description):	Two surface tracks on apron; one platform-level track along rear of each transit shed; connect with CSX Transportation, Inc.
Maximum Deck Height:	11	Rail Carrier:	CSX Transportation
Largest Berthing:	4196	Rail Track Capacity:	
Total Berthing:	4196	Highway Conn:	Via St. Lawrence Drive, asphalt, 50 feet wide; from Front Street, concrete, 46 feet wide.
Construction:	Concrete-capped steel sheet pile bulkhead with asphalt-surfaced solid fill; fronted by rubber tire fender system.		
Mechanical Handling:	Toledo World Industries: Three diesel, electric, traveling, revolving full-portal gantry cranes with lift capacities of 25 tons; and two 35-ton, diesel crawler cranes, each with 75-foot boom. Cranes are equipped with one 15-, one 12-, one 11-, and two 8		
Remarks:	Shed C, a storage building located adjacent to Shed B, has capacity for 50,000 tons of magnacite. Rail cars and trucks are loaded via a 36-inch, inclined conveyor extending from building to wharf apron, average rate 6,000 tons per hour. Shed D has approximately 40,000 square feet of storage area for alfalfa. An additional 30,000-square-foot steel storage warehouse is used for storing steel coils. Westway Trading Corp.: Two 6-inch pipelines (not in use at time of survey [1999]), extend from south portion of wharf to 4 steel storage tanks for vegetable oil and caustic soda, capacity 2,500,000 gallons for each commodity. Bituminous Products Co.: One 10-inch oil-traced pipeline extends from wharf to 4 steel asphalt storage tanks, total capacity 113,600 barrels. International Warehouse Services operates Foreign Trade Zone No. 8 warehouse (S.W. Ref. No. 2) approximately 300 feet in rear of Transit Shed A. Approximately 85 acres of open storage area are available at terminal.		

DOCK DETAILS

Location GUID:	0Q2U	NDC Code:	7201406500
NAV UNIT GUID:	33798	Dock ID:	65
Dock Name:	U S COAST GUARD TOLEDO STATION WHARF	Port Name:	Toledo
Location:	Left bank, Maumee River, on lower side of entrance to Bay View Park Yacht Basin.	Major Lake:	
Address:	3900 Summit Street, Bayview Park.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left.
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring U.S. Coast Guard and other government-owned vessels; handling navigation buoys and equipment.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.693330	Dock Capacity:	
Longitude:	-83.471940	Unloading Gear:	
Maximum smaller depth:	16	Unloading Gear (Specific):	
Maximum Larger Depth:	16	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	7	Rail Conn.(description):	None.
Maximum Deck Height:	7	Rail Carrier:	
Largest Berthing:	430	Rail Track Capacity:	
Total Berthing:	430	Highway Conn:	Via Coast Guard Drive, asphalt, 23 to 20 feet wide; from Armory Drive and Summit Street.
Construction:	Concrete-capped steel sheet pile bulkhead with concrete- and asphalt-surfaced solid fill; fronted by vertical rubber strip fenders.		
Mechanical Handling:	None.		
Remarks:	Wharf is equipped with 4-inch sewage line and a 1 1/2-inch fueling pipeline from one 23-barrel diesel fuel storage tank. Toledo Projects Office of the District Engineer, Buffalo District, Corps of Engineers, is located in building on opposite side of Coast Guard Drive. Vessels owned by U.S. Coast Guard Reserve, City of Toledo Police Department, and U.S. Army Corps of Engineers moor at four parallel, 60- by 4-foot, timber pile, timber-decked piers in yacht basin adjacent to inner end of wharf.		

DOCK DETAILS

Location GUID:	0Q2X	NDC Code:	7201415900
NAV UNIT GUID:	33801	Dock ID:	159
Dock Name:	WOHLEB - SOCIE SLIP	Port Name:	Toledo
Location:	Left bank, Maumee River, approximately 0.5 mile above Norfolk Southern Railway Bridge.	Major Lake:	
Address:	Foot of Columbus Street.	Specific Waterway:	Maumee River
City:	Toledo	Waterway Mile:	
County:	Lucas	Bank:	Left Ba
State/Prov:	OH	Shipments:	Domestic Only
Country:	USA	Hazardous Cargo:	Unknown
Purpose:	Mooring company-owned floating equipment.; handling contractor's supplies and equipment.	Container Handled:	Unknown
Facility Type:	Dock	Container Throughput:	
Ferry Names:			

PHYSICAL CHARACTERISTICS

Latitude:	41.672500	Dock Capacity:	
Longitude:	-83.497780	Unloading Gear:	
Maximum smaller depth:	8	Unloading Gear (Specific):	
Maximum Larger Depth:	8	Unloading Speed:	
Vertical Datum:	LWD (Low Water Datum)	Loading gear:	
Horizontal Datum:	NAD83	Loading Speed:	
Minimum Deck Height:	6	Rail Conn.(description):	None.
Maximum Deck Height:	6	Rail Carrier:	
Largest Berthing:	505	Rail Track Capacity:	
Total Berthing:	965	Highway Conn:	Via driveway, gravel, various widths; from Summitt Street, asphalt, 50 feet wide.
Construction:	Dredged slip: 330-foot steel sheet pile bulkhead with solid fill along inner portion and grounded wooden barge along outer portion of upper side.		
Mechanical Handling:	Contractor's equipment is available as required.		
Remarks:	Slip is approximately 700 feet long with widths of 60 and 97 feet at inner portion and approximately 200 feet at outer portion. Marine contractorNULLs 220- by 50-foot shop and maintenance building and storage yard are located in rear.		